Georgia Power

Plant Wansley CCR Landfill

PERMIT #: 074-005D(CCR)

Heard County

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Atlantic Coast Consulting, Inc.

PROFESSIONAL CERTIFICATION

This *2025 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley Landfill* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residuals Rule [40 Code of Federal Regulations (CFR) 257 Subpart D], specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc. (ACC). I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

ATLANTIC COAST CONSULTING, INC.



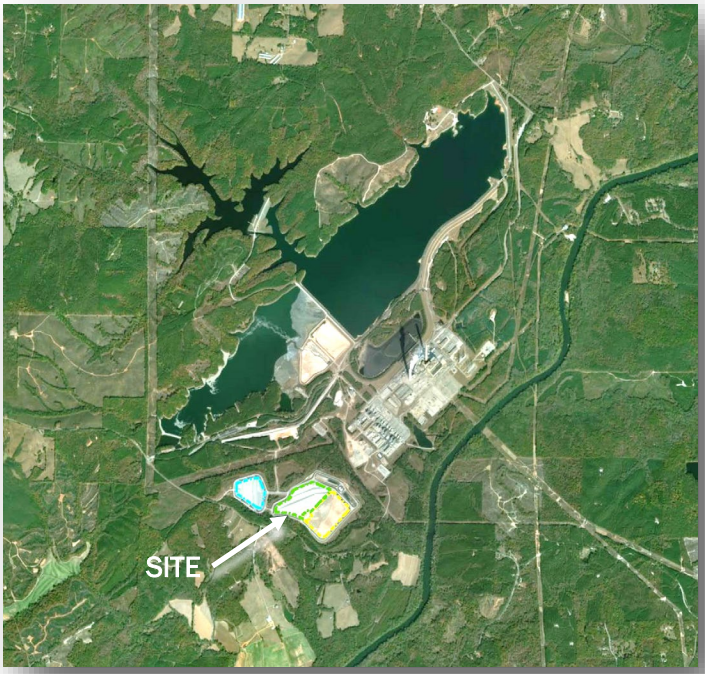
Ryan Walker, P.G.
Project Manager
Date: August 29, 2025

Chad Hall, PhD, P.E.
Senior Professional Engineer
Date: August 29, 2025

SUMMARY

This summary of the *2025 Semiannual Groundwater Monitoring and Corrective Action Report* provides the groundwater monitoring and corrective action program status from January through June 2025 for Georgia Power Company (Georgia Power) Plant Wansley Coal Combustion Residuals (CCR) Landfill (Site). This summary was prepared by Atlantic Coast Consulting, Inc. (ACC) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6[1] of the United States Environmental Protection Agency (US EPA) CCR Rule [40 Code of Federal Regulations (CFR) 257 Subpart D].

Plant Wansley is located at 1371 Liberty Church Road, approximately 12 miles southeast of the City of Carrollton. The Site is located on the southern portion of the Plant Wansley property. As part of the 2022 Integrated Resource Plan, the Georgia Public Service Commission approved decertification and retirement of the Plant Wansley Coal fired units on August 31, 2022.



Plant Wansley and Plant Wansley Landfill

The groundwater monitoring system is comprised of a comprehensive network of wells installed to meet federal and state monitoring requirements. After background groundwater conditions were established between August 2011 and July 2013, routine sampling and reporting began in accordance with the Solid Waste Handling Permit (074-005D(LI)) requirements specified in the Design and Operation (D&O) Plan that existed at that time. Georgia Environmental Protection Division (EPD) issued a Handling Permit for CCR, Permit No. 074-005D (CCR), on December 8, 2022, which replaced the former solid waste permit. Routine groundwater monitoring and reporting is conducted at the site pursuant to the Groundwater Monitoring Plan in the 2022 permit. The monitoring program meets the requirements of 40 CFR § 257.90 through § 257.95. Background groundwater conditions for Appendix III[2] and IV parameters[3] were established between May 2016 and August 2017. Alternate Source Demonstrations (ASDs) completed in 2017-2025 have presented evidence demonstrating that statistically significant increases (SSIs) in groundwater are not due to a release from 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
[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

unit. During the 2025 semiannual reporting period, the Site remained in detection monitoring.

During the 2025 semiannual reporting period, ACC conducted a groundwater sampling event in February 2025. Groundwater samples were submitted to Eurofins Environment Testing America for analysis. Per the CCR Rule, the groundwater results were evaluated in accordance with the certified statistical methods. That evaluation showed SSIs of Appendix III parameters in wells provided in the table below.

Appendix III Parameter	February 2025
Boron	GWC-12*, GWC-14*, GWC-35

* ASD has been approved by Georgia EPD.

As allowed by the CCR Rule, an alternate source demonstration for boron in GWC-35 was submitted to Georgia EPD on May 1, 2025. Other verified SSIs confirmed during the current monitoring period have been addressed by previous ASDs approved by Georgia EPD. Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program from January through June 2025, the Site will remain in detection monitoring. Georgia Power will continue detection groundwater monitoring and reporting at the Site. Reports will be posted to Georgia Power's website and provided to the Georgia EPD semiannually.

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1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management 391-3-4-.10, Atlantic Coast Consulting, Inc. (ACC) has prepared this *2025 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the Site. Semiannual monitoring and reporting for the CCR Unit are performed in accordance with the monitoring requirements of 40 CFR § 257.90 through § 257.95 of the Federal CCR Rule and Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

Georgia EPD issued CCR Permit No. 074-005D(CCR) on December 8, 2022, which replaced Georgia Solid Waste Permit No. 074-005D(LI). Routine groundwater monitoring and reporting is conducted at the Site pursuant to the Groundwater Monitoring Plan (GWMP) in the 2022 permit. This report provides the results of the sampling event conducted in February 2025 and includes results for: (1) a list of modified parameters derived from Appendix I of 40 CFR § 258 included in the Design and Operation (D&O) Plan in the permit; and (2) CCR detection monitoring sampling event for 40 CFR § 257 Appendix III parameters.

This document serves as the *2025 Semiannual Groundwater Monitoring and Corrective Action Report* in accordance with Georgia EPD Rule 391-3-4-.10(6)(a) and 40 CFR § 257.90(e). For ease of reference when discussing aspects of the CCR Rule, only the US EPA CCR Rules are cited within this report.

1.1 Site Description and Background

Plant Wansley is located in northeast Heard County and southeast Carroll County, Georgia, at 1371 Liberty Church Road, approximately 12 miles southeast of the City of Carrollton. The plant property encompasses approximately 5,100 acres and is bounded on the east by the Chattahoochee River (Figure 1, Site Map). As part of the 2022 Integrated Resource Plan, the Georgia Public Service Commission approved decertification and retirement of the Plant Wansley coal-fired units by August 31, 2022. The Site is located on the property south of the plant. The Site is composed of three cells within an approximate 73-acre disposal footprint. Each cell of the Plant Wansley Landfill is lined with a 60-mil thick high-density polyethylene (HDPE) liner underlain by a geosynthetic clay liner (GCL), a 2-foot compacted clay layer [maximum hydraulic conductivity of 1×10^{-5} centimeters per second (cm/sec)], and structural fill. A leachate collection and removal system overlies the liner system to remove liquids and reduce head pressure on the liner.

In preparation for CCR Landfill Expansion-Cell 4, Georgia Power proactively removed previously placed CCR at Cells 1 and 2. Following CCR removal, protective cover and leachate collection systems were removed in preparation for reconstruction of the liner system in Cells 1-3.

On January 27, 2025 Georgia EPD issued Site Limitations for the expansion of Cell 4 for Plant Wansley Landfill. On July 25, 2025 Georgia Power submitted permit documentation in support of the expansion, and is currently under Georgia EPD review.

Routine groundwater sampling and reporting began after background groundwater conditions were established between August 2011 and July 2013, prior to placement of waste, in accordance with the Solid Waste Permit requirements specified in the D&O Plan that existed at that time. The monitoring program has been modified to include Appendix III parameters to meet

the requirements of 40 CFR § 257.90 through § 257.95. Background groundwater conditions for Appendix III and IV parameters were established between May 2016 and August 2017.

1.2 Regional Geology and Hydrogeologic Setting

The Site is located in the Piedmont physiographic province of Georgia characterized by low, linear ridges separated by broad, open valleys trending northeast-southwest. The Piedmont contains predominately metamorphic rock of Precambrian to Paleozoic age. Over geologic time the Piedmont has experienced multiple events of uplift, folding and faulting, alteration, and erosion.

Soils in the Piedmont formed mostly from the in-place weathering of the underlying crystalline bedrock. Near the ground surface, the soils are silt- and clay-rich. Sand and fine sand become more prominent with depth. Furthermore, with increasing depth the weathered materials tend to retain details of the structural features of the underlying bedrock.

The Site is situated on several bedrock types composed of schist, gneiss, quartzite, and amphibolite identified in boring logs (Golder, 2018). Residual soils are primarily sandy silt, silty sand, sandy clay, and silty clay which overlie bedrock across the site. Saprolitic soils were described at variable thickness across the Site but were generally encountered at or near ground surface.

Groundwater occurs across the Site in the overburden soils, as well as in the underlying and hydraulically connected bedrock. Recharge to the bedrock originates from groundwater stored in low permeability, high porosity, clay- and silt-rich overburden material. Infiltration of groundwater through overburden material to bedrock occurs in areas of enhanced permeability (i.e., areas of high fracture density). The water table surface at the Site is a subdued mimic of the topography. The top of the rock surface generally follows topography and likely controls groundwater flow direction in the uppermost aquifer as well. Groundwater flow across the Site is generally to the east and northeast.

1.3 Groundwater Monitoring Well Network

A groundwater monitoring system was installed within the uppermost aquifer at the Site. The monitoring system is designed to monitor groundwater passing the waste boundary of the CCR Unit within the uppermost aquifer. Figure 2, Well Location Map, shows the monitoring well locations (Table 1, Monitoring Well Network Summary). Wells were located to serve as upgradient and downgradient monitoring points, based on groundwater flow direction (Figure 3, Potentiometric Contour Map – February 2025).

2.0 GROUNDWATER MONITORING ACTIVITIES

Pursuant to 40 CFR § 257.90(e), the following describes monitoring-related activities performed during the semiannual monitoring period. There are no changes in the status of the monitoring program. All groundwater sampling was performed in accordance with 40 CFR § 257.93. Samples were collected in February 2025 from each well in the certified monitoring system shown on Figure 2, except for upgradient monitoring well GWA-3 which purged dry and did not recover sufficiently for representative sample collection during the February 2025 event.

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system during the reporting period; the network remained the same as in the previous reporting year, i.e., 2024. Monitoring wells are inspected semiannually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February 2025, monitoring wells were inspected, and routine maintenance was performed as needed. Well inspection checklists completed during the reporting period are included in Appendix A, Laboratory Analytical and Field Sampling Reports. These well inspections were performed under the direction of a professional geologist or engineer registered in the State of Georgia. During initial well inspections, GWC-13 exhibited some minor erosion around the base of the well pad. A follow-up inspection in June 2025 noted increased erosion and undercutting, and repairs to the well pad were conducted on August 11, 2025. No other repairs were conducted during the monitoring period.

2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved Georgia EPD CCR Permit and the Site's GWMP. The semiannual sampling event was conducted in February 2025. A summary of groundwater sampling events completed during the reporting period is provided in Table 2, Groundwater Event Summary.

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

- A state-modified Appendix I list of detection parameters according to Georgia EPD Handling Permit for CCR [No. 074-005D(CCR)]. The state-modified Appendix I parameter list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc.
- Appendix III parameters according to 40 CFR § 257.94(a).

The parameters required by Appendix I and Appendix III are summarized in Table 3, Summary of Required Groundwater Monitoring Parameters. Copies of the analytical data packages for the semiannual detection monitoring events are included in Appendix A.

2.3 Additional Sampling

Surface water samples were collected from SWA-1, SWC-3, SWC-5, SWA-6, and SWC-7 during the February 2025 event. Locations SWC-2, SWC-4, SWC-8, and SWC-9 were dry at the time of sampling during the February 2025 event. Field parameter logs and laboratory analytical reports for surface water samples collected during the February 2025 monitoring event are included in Appendix A. A tabular summary of historical surface water monitoring results is presented in Appendix B, Historical Surface Water Analytical Data, and includes data from the current monitoring event as well as each of the historical monitoring events.

Additional geochemical analytical data was collected during the February 2025 event, including major cations, total alkalinity, bicarbonate alkalinity and carbonate alkalinity for evaluation purposes only.

Due to an anomalous result for lead in GWC-11 during data validation of the February 2025 event, this well was resampled in April 2025. The resample results are presented in Appendix A.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Flow Direction, Gradient, and Velocity

Prior to sampling, groundwater elevations were recorded from each well in the network at the Site. Groundwater elevations recorded during the monitoring event are summarized in Table 4, Summary of Groundwater Elevations. Groundwater elevation data were used to develop Figure 3. As shown on Figure 3, groundwater flows semi-radially from topographic highs near GWA-2 and GWA-28. A thorough review of historical groundwater elevations and flow directions, including data from older suitability borings from within the waste footprint which have since been properly abandoned, has been completed. As appropriate, this data has been utilized to more accurately represent groundwater flow direction under the waste footprint while remaining consistent with elevations observed in current groundwater monitoring wells during recent monitoring events.

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

Equation

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

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

Groundwater flow velocities were calculated for the Site based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.10 (SCS, 2007). The groundwater flow velocity has been calculated and is tabulated on Table 5, Horizontal Groundwater Flow Velocity Calculations – February 2025. The calculated flow velocity was approximately 0.45 feet per day during the February 2025 event. Calculated groundwater velocities across the Site are generally consistent with historical calculations and site-specific geology; therefore, confirming the groundwater monitoring network as properly located to monitor the uppermost aquifer.

3.2 Groundwater Sampling

Groundwater samples were collected using low-flow sampling procedures in accordance with 40 CFR § 257.93(a) and the D&O Plan. Purging and sampling was performed using either a peristaltic pump, dedicated QED bladder pump, or non-dedicated QED bladder pump. Pump intakes were located at the midpoint of the well screen (or as appropriately determined by the water level). Any non-disposable equipment was decontaminated before use and between well locations using procedures described in the latest version of the Region 4 US EPA Lab Services and Applied Science Division (LSASD) Field Equipment Cleaning and Decontamination as a guide (US EPA, 2020).

Monitoring wells were purged and sampled using low-flow sampling procedures. An Aqua Troll (In-Situ field instrument) was used to monitor and record field water quality parameters (pH, specific conductance, oxidation-reduction potential [ORP], dissolved oxygen [DO], and temperature) during well purging prior to sampling. Turbidity was measured using a Hach 2100Q

portable turbidimeter. Groundwater samples were collected when the following stabilization criteria were met:

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

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

3.3 Laboratory Analyses

Laboratory analyses were performed by Eurofins. Eurofins is accredited by the National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for the parameters analyzed for this project. In addition, Eurofins is certified to perform analysis by the State of Georgia. Analytical results collected during the monitoring period are summarized in Table 6, Groundwater Analytical Data Summary – February 2025. Surface water analytical results collected during the monitoring period are presented in Table 7, Surface Water Analytical Data Summary – February 2025. Additional geochemical analytical data collected during February 2025 are also summarized in Tables 6 and 7. Analytical methods used for groundwater monitoring parameters, chain-of-custody records, and analytical results are provided in laboratory reports in Appendix A.

3.4 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples are collected at a rate of one set per every 10 or 20 detection samples in accordance with the GWMP. Equipment blanks (where non-dedicated sampling equipment is used) were collected at a rate of one set per 10 detection samples, while field blanks (where dedicated sampling equipment is used) and duplicate samples were collected at a rate of one set per 20 detection samples. QA/QC sample data were evaluated during data validation and are included in Appendix A.

Groundwater quality data in this report were validated in accordance with US EPA guidance (US EPA, 2011) and the analytical methods. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spike/matrix spike duplicate recoveries and relative percent differences (RPDs), post digestion spikes, laboratory and field duplicate RPDs, field and equipment blanks, and reporting limits (RLs). Where appropriate, validation qualifiers and flags are applied to the data using US EPA procedures as guidance (US EPA, 2017). Data validation summaries are included in Appendix A.

Values followed by a "J" flag in Tables 6 and 7 indicate that the result is an estimated parameter concentration detected between the method detection limit (MDL) and the laboratory RL. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions. “J” flagged data are used to establish background statistical limits but are not used when performing statistical analyses or calculating RPDs. The validated data meet project objectives

and the associated data validation reports are provided in Appendix A, along with the laboratory reports.

4.0 STATISTICAL ANALYSIS

The statistical method used at the Site was developed by Groundwater Stats Consulting, LLC (GSC), using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, US EPA 530/ R-09-007 (US EPA, 2009).

Statistical analysis of February 2025 groundwater monitoring data was performed by GSC following the appropriate certified statistical methodology for the Site in the GWMP. A summary of the statistical methodology used at the Site for routine groundwater monitoring is provided in Table 8, Statistical Method Summary. Statistical analysis methods and results are provided in Appendix C, Statistical Analysis Reports. The methods and results are summarized in the following sections.

4.1 Appendix I and III Parameters Methods

To develop the statistical methods, analytical data collected during the background period were evaluated and used to develop statistical limits for each Appendix I and III parameter. Sanitas groundwater statistical software was used to screen the data and perform the statistical analyses. Sanitas is a decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations.

Interwell prediction limits (PLs) pool upgradient well data to establish a background limit for an individual parameter, and the most recent sample from each downgradient well is compared to the same limit for each parameter. Intrawell PLs are constructed from historical data within a given well, and the most recent sample is compared to background.

Statistical tests used to evaluate permit-required Appendix I groundwater monitoring data consist of intrawell PLs combined with a 1-of-2 verification resample plan for the permit-required Appendix I parameters.

Statistical tests used to evaluate Appendix III groundwater monitoring data consist of interwell PLs combined with a 1-of-2 verification resample plan for parameters boron, calcium, chloride, and fluoride. Monitoring results for pH, sulfate, and total dissolved solids (TDS) were evaluated using intrawell PLs combined with a 1-of-2 verification resample plan.

Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for nonparametric limits with small background sample sizes. Therefore, in instances where an apparent Appendix I or III statistically significant increase (SSI) is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine sitewide background.

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

4.2 Statistical Analysis Results for Appendix I Parameters

Analytical data from the monitoring event in February 2025 were statistically analyzed in accordance with the statistical methods. The statistical analysis and comparison to PLs are included in Appendix C.

Based on the statistical results presented in Appendix C, evaluation of parameters exhibiting initial exceedances of the intrawell statistical analysis identified unverified exceedances for barium in GWC-5, GWC-16, GWC-20, and GWC-35, copper in GWC-8, lead in GWC-11 and GWC-19, vanadium in GWC-13 and GWC-32, and zinc in GWC-11. The barium, copper, vanadium, and zinc results were not identified as exceedances of the interwell prediction limits by utilizing the two-step approach. The result for lead in GWC-11 was identified as an exceedance of the interwell prediction limit. However, this result was not verified during the April 2025 verification event. Therefore, there were no verified statistical exceedances identified for Appendix I parameters.

4.3 Statistical Analysis Results for Appendix III Parameters

Analytical data from the monitoring event in February 2025 were statistically analyzed in accordance with the statistical methods. The statistical analysis and comparison to PLs are included in Appendix C.

Based on the statistical results presented in Appendix C, evaluation of the statistical analysis identified verified SSIs for boron in GWC-12, GWC-14, and GWC-35. Therefore, the exceedances identified during this event include:

- Boron: GWC-12, GWC-14, and GWC-35

The boron SSIs identified for GWC-12 and GWC-14 are consistent with conditions outlined by Alternate Source Demonstrations (ASDs) completed in April 2018 (ACC, 2018) and August 2022 (ACC, 2022) for GWC-12 and GWC-14. The conditions outlined in the April 2018 and August 2022 ASDs are still present. An ASD was previously submitted for the boron SSI in GWC-35 in May 2025 (ACC, 2025) and is currently pending Georgia EPD approval. Additionally, it is noteworthy that the current concentration of boron in GWC-35 (0.1 mg/L) equals the site prediction limit at Plant Wansley Ash Pond 1, which is located upgradient of the well. These SSIs have either been addressed by Georgia EPD approved ASDs, or currently pending Georgia EPD approval. Therefore, the Site will remain in detection monitoring.

5.0 ALTERNATE SOURCE DEMONSTRATIONS

ASDs were previously submitted to Georgia EPD under separate report covers to address SSIs of Appendix I and Appendix III parameters. Based on Georgia EPD guidance, ASDs no longer require concurrence if an SSI has not been detected for two consecutive events, which indicates natural variability. SSIs confirmed in GWC-12 and GWC-14 during this reporting period have been addressed by an August 2022 update to the April 2018 ASD, both of which have been approved by Georgia EPD, as listed in the table below. The SSI for boron in GWC-35 was addressed by an ASD submitted in May 2025 and is included for reference as Appendix D, Alternate Source Demonstration.

Reference	SSI(s)	Well(s)	Status
Atlantic Coast Consulting, Inc., Alternate Source Demonstration – Plant Wansley CCR Landfill, April 2018, updated August 2022.	boron	GWC-12 and GWC-14	Approved October 19, 2022
	chloride	GWC-14	
Atlantic Coast Consulting, Inc., Alternate Source Demonstration – Plant Wansley CCR Landfill, May 2025.	boron	GWC-9^ and GWC-35	Submitted May 1, 2025

^ = Boron in GWC-9 was not found to be an SSI during the February 2025 monitoring event.

6.0 MONITORING PROGRAM STATUS

In accordance with 40 CFR § 257.94(e) and § 257.95 and Georgia's Solid Waste Management Rule 391-3-4-.10, the Site will remain in detection monitoring. Verified SSIs for Appendix III parameters during the February 2025 monitoring event have been addressed by previous ASDs.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This *2025 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley CCR Landfill* was prepared to fulfill the requirements of US EPA's CCR Rule 257.90(e) and Georgia EPD Rules for Solid Waste Management Chapter 391-3-4-.10.

Statistical evaluations of the groundwater monitoring data for the Site identified SSIs of Appendix III groundwater monitoring parameters. Verified SSIs have been addressed by Georgia EPD approved ASDs or are addressed by the 2025 ASD included as Appendix D, and the Site remains in detection monitoring.

The next semiannual monitoring event is tentatively scheduled for August 2025.

8.0 REFERENCES

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration - Addendum –Plant Wansley CCR Landfill*, April 2018a.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, June 2018b.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, December 2018c.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, December 2019.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, April 2020a.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, August 2020b.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration – Addendum –Plant Wansley CCR Landfill*, August 2022.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration – 2023 Addendum –Plant Wansley CCR Landfill*, May 2023.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration –Plant Wansley CCR Landfill*, April 2024.

Atlantic Coast Consulting, Inc. (ACC), *Alternate Source Demonstration – Addendum –Plant Wansley CCR Landfill*, May 2025.

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

Geosyntec Consultants, 2025. *2024 Annual Groundwater Monitoring and Corrective Action Report -Plant Wansley Ash Pond 1 (AP-1)*, January 2025.

Golder Associates, Inc. *Geologic and Hydrogeologic Report – Plant Wansley*, November 2018.

Groundwater Stats Consulting, 2019. *Plant Wansley Landfill Background Data Screening & Recommended Statistical Methods*. August 2019.

Hodges, Harbin, Newberry & Tribble, Inc (HHNT), 2022. *Groundwater Monitoring Plan*. September 2022.

Groundwater Stats Consulting, 2021. *Plant Wansley Landfill Statistical Analysis – March 2021*. August 2021.

Sanitas: Groundwater Statistical Software, Sanitas Technologies, Shawnee, KS, 2007.

Southern Company Services, Inc. 2017. *Alternate Source Demonstration for Plant Wansley Disposal Facility Groundwater Monitoring Network.*

Southern Company Services, Inc. 2007. *Georgia Power Company Plant Wansley Proposed Coal Combustion By-Product Disposal Facility Site Acceptability Report – Revision 1.*

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

US EPA, 2009. *Unified Guidance*, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Solid Waste Management Division, US EPA, Washington, D.C.

US EPA, 2020. Field Equipment Cleaning and Decontamination – Operating Procedure: LSADPROC-205-R4, Athens, Georgia, 16 p.

US EPA, 2023. Groundwater Sampling – Operating Procedure: LSASDPROC-301-R6, Athens, Georgia. 36 p.

TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth from (Feet Below Top of Casing)	Groundwater Zone Screened	Installation Date
GWA-1	Detection	Upgradient	1236940.49	2027869.31	774.93	778.02	738.53	728.53	49.79	PWR	03/03/2011
GWA-2	Detection	Upgradient	1237147.60	2027481.39	813.07	816.16	766.37	756.37	60.09	Bedrock	03/03/2011
GWA-3	Detection	Upgradient	1237240.36	2027158.40	787.27	790.64	769.57	759.57	31.37	Bedrock	03/03/2011
GWA-4	Detection	Upgradient	1237254.83	2026747.92	776.51	779.54	749.31	739.31	40.53	PWR, Overburden	02/11/2011
GWC-5	Detection	Downgradient	1237692.42	2026716.41	753.08	755.91	725.38	715.38	40.83	PWR, Bedrock	02/10/2011
GWC-6	Detection	Downgradient	1237924.67	2027012.89	746.86	749.98	729.16	719.16	31.12	PWR, Bedrock	02/10/2011
GWC-7	Detection	Downgradient	1238261.86	2027268.99	728.13	731.15	715.43	705.43	26.02	Bedrock	02/10/2011
GWC-8	Detection	Downgradient	1238501.55	2027640.45	720.35	723.46	713.65	703.65	20.11	Overburden, Bedrock	02/22/2011
GWC-9	Detection	Downgradient	1238673.12	2027891.35	709.71	712.65	703.51	693.51	19.44	Bedrock, Overburden	02/23/2011
GWC-10	Detection	Downgradient	1238950.81	2028309.04	705.84	709.41	697.74	687.74	21.97	Overburden, Bedrock	07/12/2011
GWC-11	Detection	Downgradient	1238930.02	2028592.08	697.89	701.05	693.19	683.19	18.16	Overburden	02/23/2011
GWC-12	Detection	Downgradient	1238738.52	2028921.56	721.02	724.06	693.82	683.82	40.54	Bedrock	02/24/2011
GWC-13	Detection	Downgradient	1238622.44	2029289.86	691.12	694.08	613.92	603.92	90.46	Overburden, Bedrock	02/28/2011
GWC-14	Detection	Downgradient	1238428.07	2029551.52	688.59	692.63	678.59	668.59	24.34	Overburden	06/28/2011
GWC-15	Detection	Downgradient	1238163.93	2029814.36	684.38	687.44	646.68	636.68	51.06	PWR, Bedrock	02/28/2011
GWC-16	Detection	Downgradient	1237809.03	2029989.71	687.13	690.32	673.73	663.73	26.89	Overburden	06/28/2011
GWC-17	Detection	Downgradient	1237469.64	2029801.29	701.65	704.55	661.65	651.65	53.2	Overburden	06/28/2011
GWC-18	Detection	Downgradient	1237097.77	2029691.53	697.42	700.31	680.22	670.22	30.39	Overburden, PWR	03/01/2011
GWC-19	Detection	Downgradient	1236841.16	2029323.11	694.54	698.47	670.34	660.34	38.43	Overburden, PWR	07/13/2011
GWC-20	Detection	Downgradient	1236645.57	2029149.57	703.33	706.29	645.63	635.63	70.96	PWR	03/01/2011
GWC-21	Detection	Downgradient	1236230.06	2028634.08	717.32	721.02	693.02	683.02	38.3	Overburden	07/12/2011
GWC-22	Detection	Downgradient	1236396.22	2028325.64	741.04	744.17	677.34	667.34	77.13	PWR	03/02/2011
GWC-23	Detection	Downgradient	1236657.67	2028089.81	770.46	773.41	715.76	705.76	67.95	PWR	03/02/2011
GWC-24	Detection	Downgradient	1237355.54	2026407.92	787.48	790.37	749.58	739.58	51.09	Overburden, PWR	02/15/2011
GWC-25	Detection	Downgradient	1237404.61	2026089.46	809.37	812.36	761.37	751.37	61.29	Bedrock	02/15/2011
GWC-26	Detection	Downgradient	1237625.00	2025790.42	782.56	785.60	736.36	726.36	59.54	Overburden, PWR	02/16/2011
GWC-27	Detection	Downgradient	1237829.15	2025522.92	811.38	814.32	753.68	743.68	70.94	PWR, Bedrock	02/16/2011
GWA-28	Detection	Upgradient	1237995.74	2025182.65	846.33	849.16	813.63	803.63	45.83	Bedrock	02/22/2011
GWA-29	Detection	Upgradient	1238288.93	2024984.27	831.70	834.67	787.90	777.90	57.07	Bedrock	06/27/2011
GWC-30	Detection	Downgradient	1238565.49	2025118.88	788.46	791.10	751.76	741.76	49.64	Overburden	02/17/2011
GWC-31	Detection	Downgradient	1238701.92	2025618.17	793.57	797.50	769.97	759.97	38.03	Bedrock	06/21/2011
GWC-32	Detection	Downgradient	1238774.04	2025876.12	782.17	785.38	764.47	754.47	31.21	Bedrock	02/18/2011
GWC-33	Detection	Downgradient	1238818.01	2026322.50	757.02	760.05	746.32	736.32	24.03	PWR, Bedrock	02/18/2011
GWC-34	Detection	Downgradient	1238558.69	2026569.25	732.49	735.40	694.99	684.99	50.91	Overburden, Bedrock	02/21/2011
GWC-35	Detection	Downgradient	1238243.50	2026822.29	728.11	730.64	700.41	690.41	40.53	PWR, Bedrock	02/08/2011

Notes:
Elevations shown are in datum NAVD88, which indicates feet in elevation referenced to the North American Vertical Datum 1988.
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
Northings and eastings are feet relative to North American Datum 1983, State Plane Georgia West Zone.
Groundwater Zone Screened designations are ASTM D2487-17e1 Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), where applicable.
PWR = Partially weathered rock.

Table 2
Groundwater Event Summary
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Well ID	Hydraulic Location	Well Designation	February 10-19, 2025	April 16, 2025
			Assessment Event	Verification Event
Georgia Power Company - Plant Wansley - CCR Landfill				
GWA-1	Upgradient	Detection	X	
GWA-2	Upgradient	Detection	X	
GWA-3	Upgradient	Detection		
GWA-4	Upgradient	Detection	X	
GWC-5	Downgradient	Detection	X	
GWC-6	Downgradient	Detection	X	
GWC-7	Downgradient	Detection	X	
GWC-8	Downgradient	Detection	X	
GWC-9	Downgradient	Detection	X	
GWC-10	Downgradient	Detection	X	
GWC-11	Downgradient	Detection	X	X
GWC-12	Downgradient	Detection	X	
GWC-13	Downgradient	Detection	X	
GWC-14	Downgradient	Detection	X	
GWC-15	Downgradient	Detection	X	
GWC-16	Downgradient	Detection	X	
GWC-17	Downgradient	Detection	X	
GWC-18	Downgradient	Detection	X	
GWC-19	Downgradient	Detection	X	
GWC-20	Downgradient	Detection	X	
GWC-21	Downgradient	Detection	X	
GWC-22	Downgradient	Detection	X	
GWC-23	Downgradient	Detection	X	
GWC-24	Downgradient	Detection	X	
GWC-25	Downgradient	Detection	X	
GWC-26	Downgradient	Detection	X	
GWC-27	Downgradient	Detection	X	
GWA-28	Upgradient	Detection	X	
GWA-29	Upgradient	Detection	X	
GWC-30	Downgradient	Detection	X	
GWC-31	Downgradient	Detection	X	
GWC-32	Downgradient	Detection	X	
GWC-33	Downgradient	Detection	X	
GWC-34	Downgradient	Detection	X	
GWC-35	Downgradient	Detection	X	

Notes:
X - Indicates well sampled during event
Semiannual Detection Event includes Appendix III and Appendix I parameters.
GWA-3 purged dry and did not recover sufficiently to allow for a representative sample during February 2025 event.

Table 3
Summary of Required Groundwater Monitoring Parameters
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Appendix III (40 CFR 257)	Appendix IV (40 CFR 257)	Modified Appendix I Metals (State Permit)
Boron	Antimony	Antimony
Calcium	Arsenic	Arsenic
Chloride	Barium	Barium
Fluoride	Beryllium	Beryllium
pH	Cadmium	Cadmium
Sulfate	Chromium	Chromium
Total Dissolved Solids	Cobalt	Cobalt
	Fluoride	Copper
	Lead	Lead
	Lithium	Mercury
	Mercury	Nickel
	Molybdenum	Selenium
	Radium 226 and 228 Combined	Silver
	Selenium	Thallium
	Thallium	Vanadium
		Zinc

Table 4
Summary of Groundwater Elevations
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

		February 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
GWA-1	778.02	26.26	751.76
GWA-2	816.16	47.84	768.32
GWA-3	790.64	30.43	760.21
GWA-4	779.54	26.49	753.05
GWC-5	755.91	19.70	736.21
GWC-6	749.98	18.66	731.32
GWC-7	731.15	8.68	722.47
GWC-8	723.46	9.59	713.87
GWC-9	712.65	7.22	705.43
GWC-10	709.41	12.12	697.29
GWC-11	701.05	6.53	694.52
GWC-12	724.06	27.23	696.83
GWC-13	694.08	6.46	687.62
GWC-14	692.63	10.00	682.63
GWC-15	687.44	6.70	680.74
GWC-16	690.32	10.37	679.95
GWC-17	704.55	20.45	684.10
GWC-18	700.31	13.43	686.88
GWC-19	698.47	8.25	690.22
GWC-20	706.29	7.19	699.10
GWC-21	721.02	18.02	703.00
GWC-22	744.17	29.53	714.64
GWC-23	773.41	40.26	733.15
GWC-24	790.37	48.36	742.01
GWC-25	812.36	52.43	759.93
GWC-26	785.6	34.50	751.10
GWC-27	814.32	46.63	767.69
GWA-28	849.16	27.82	821.34
GWA-29	834.67	43.22	791.45
GWC-30	791.1	28.33	762.77
GWC-31	797.5	35.67	761.83
GWC-32	785.38	26.58	758.80
GWC-33	760.05	13.63	746.42
GWC-34	735.4	5.01	730.39
GWC-35	730.64	8.60	722.04

Notes:
Elevations referenced to the North American Vertical Datum 1988.
Groundwater elevations measured February 10, 2025.
Elevation for GWC-24 measured on February 13, 2025.

Table 5
Horizontal Groundwater Flow Velocity Calculations - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Well Pair	Groundwater Elevations in Well Pairs (feet)		Change in Elevation (feet)	Distance Between Well 1 and Well 2 (feet)	Hydraulic Gradient (i)	Average Hydraulic Conductivity (K) (feet per day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (feet per day)	Calculated Groundwater Flow Velocity (feet per year)
GWA-1 to GWC-20	751.76	699.10	52.66	1313.79	0.040	1.16	0.10	0.46	169
GWA-2 to GWC-7	768.32	722.47	45.85	1134.32	0.040	1.16	0.10	0.46	169
GWA-4 to GWC-5	753.05	736.21	16.84	438.82	0.038	1.16	0.10	0.44	161
Average					**0.039**	**1.16**	**0.10**	**0.45**	**166**

Notes:
In-situ hydraulic conductivity (slug) tests at the Site calculated an average of 1.16 feet per day (Site Acceptability Report, Southern Company Services, 2007).
Effective porosity of 10% was selected for Gravelly Clayey Silts from Handbook of Hydrology (Maidment, 1993).
See Figure 3 for illustrated flow paths.
Groundwater flow velocity equation: V = (K* i)/ne, where V is groundwater velocity, K is hydraulic conductivity, i is hydraulic gradient, and ne is effective porosity.

Table 6
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

	Sample Location	GWA-1	GWA-2	GWA-4	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
	Sample Date	02/11/2025	02/11/2025	02/10/2025	02/14/2025	02/18/2025	02/13/2025	02/13/2025	02/18/2025	02/19/2025
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.027 J	< 0.022	0.059 J	< 0.022
Calcium	mg/L	0.84	4.8	32	31	16	38	26	8.7	16
Chloride	mg/L	2.8	4.4	14	14	5.7	21	4.5	7.1	7.0
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.080	< 0.040	< 0.040	0.66
pH, Field	SU	5.36	5.66	6.34	6.21	5.76	6.45	5.86	5.26	5.68
Sulfate	mg/L	0.44 J	15	11	35	12	36	52	14	10
Total Dissolved Solids	mg/L	22	57	170	220	120	320	160	75	120
Required by Permit										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.011	0.021	0.16	0.039	0.064	0.062	0.036	0.070	0.026
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00048 J	0.00025 J
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	0.0019 J	< 0.0012	< 0.0012	< 0.0012	0.0017 J	< 0.0012
Cobalt	mg/L	< 0.00022	< 0.00022	0.0029	0.0036	0.0067	0.00057 J	0.0012 J	0.022	0.0041
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0051	0.0015 J	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00096 J	0.00077 J	0.0027	0.0054	0.0050	0.0073	0.0016	0.011	0.0023
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	< 0.00063	< 0.00063	0.0025	0.0015 J	0.0031	< 0.00063	0.0020	0.0027
Zinc	mg/L	0.0034 J	< 0.0028	< 0.0028	< 0.0028	0.0032 J	0.0028 J	0.0033 J	0.016	0.0066
Additional Parameters										
Total Alkalinity as CaCO3	mg/L	8.4	9.7	95	120	79	240	66	29	61
Bicarbonate Alkalinity as CaCO3	mg/L	8.4	9.7	95	120	79	240	66	29	61
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	0.82	3.6	5.6	21	12	32	14	4.2	5.7
Potassium	mg/L	1.1	1.9	3.2	0.88	1.5	0.96	1.7	2.7	1.6
Sodium	mg/L	1.7	2.9	9.8	14	8.5	31	6.6	3.3	12

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

Table 6
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

	Sample Location	GWC-11	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18
	Sample Date	02/18/2025	04/16/2025	02/17/2025	02/18/2025	02/17/2025	02/18/2025	02/11/2025	02/13/2025	02/13/2025
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	< 0.022	NA	0.14	< 0.022	0.39	0.075 J	< 0.022	< 0.022	< 0.022
Calcium	mg/L	8.8	NA	59	5.8	19	11	10	11	8.7
Chloride	mg/L	1.7	NA	29	1.4	41	5.9	2.4	1.7	2.1
Fluoride	mg/L	< 0.040	NA	< 0.080	< 0.040	< 0.20	< 0.040	< 0.040	< 0.040	< 0.040
pH, Field	SU	6.05	6.21	7.28	6.54	5.94	6.45	6.15	6.00	5.89
Sulfate	mg/L	1.6	NA	37	2.3	7.8	2.4	1.1	0.84 J	0.71 J
Total Dissolved Solids	mg/L	130	NA	260	63	230	100	110	120	96
Required by Permit										
Antimony	mg/L	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	0.0010	NA	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.20	NA	0.030	0.0038 J	0.15	0.010	0.022	0.022	0.045
Beryllium	mg/L	0.00041 J	NA	< 0.00020	< 0.00020	0.00021 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	NA	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0027	NA	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0025	< 0.0012	< 0.0012
Cobalt	mg/L	0.0035	NA	< 0.00022	< 0.00022	0.34	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	0.0022	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	NA	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00055 J	NA	< 0.00042	< 0.00042	0.019	< 0.00042	< 0.00042	< 0.00042	0.00064 J
Selenium	mg/L	< 0.00099	NA	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	NA	< 0.00026	< 0.00026	0.00055 J	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0026	NA	0.00082 J	0.0023	< 0.00063	0.0026	0.0059	0.0015 J	0.00098 J
Zinc	mg/L	0.038	NA	< 0.0028	< 0.0028	0.018	< 0.0028	< 0.0028	0.0031 J	< 0.0028
Additional Parameters										
Total Alkalinity as CaCO3	mg/L	96	NA	120	31	170	50	64	76	59
Bicarbonate Alkalinity as CaCO3	mg/L	96	NA	120	31	170	50	64	76	59
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	3.5	NA	8.1	1.7	18	3.2	5.5	5.3	3.7
Potassium	mg/L	2.5	NA	3.9	1.6	3.9	2.0	0.93	0.97	1.1
Sodium	mg/L	2.1	NA	13	7.6	2.4	12	11	12	11

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

Table 6
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

	Sample Location	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
	Sample Date	02/14/2025	02/14/2025	02/11/2025	02/11/2025	02/11/2025	02/14/2025	02/14/2025	02/13/2025	02/11/2025
ANALYTE	UNITS									
Appendix III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
Calcium	mg/L	9.2	9.1	12	11	4.1	1.0	7.3	1.7	2.1
Chloride	mg/L	2.1	2.2	3.9	2.1	2.7	5.3	9.2	3.7	1.3
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	0.34
pH, Field	SU	5.79	6.10	5.79	6.54	5.91	5.16	6.12	5.70	5.51
Sulfate	mg/L	1.3	0.65 J	0.46 J	0.87 J	0.73 J	0.57 J	6.3	0.53 J	1.9
Total Dissolved Solids	mg/L	77	99	68	110	43	26	75	39	40
Required by Permit										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.12	0.040	0.052	0.026	0.0053 J	0.025	0.024	0.036	0.014
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.0038
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	0.0015 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	0.00049 J	0.00039 J	0.0017 J	< 0.00022	< 0.00022	0.0030	0.0027	< 0.00022	0.0010 J
Copper	mg/L	< 0.0011	0.0014 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	0.0019	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00029 J	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0010	0.00093 J	0.00075 J	< 0.00042	< 0.00042	0.0035	0.0036	0.00069 J	< 0.00042
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	< 0.00063	< 0.00063	0.0065	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063
Zinc	mg/L	0.0048 J	0.0031 J	< 0.0028	< 0.0028	< 0.0028	0.0076	0.0052	< 0.0028	< 0.0028
Additional Parameters										
Total Alkalinity as CaCO3	mg/L	43	61	41	67	24	< 5.0	26	13	15
Bicarbonate Alkalinity as CaCO3	mg/L	43	61	41	67	24	< 5.0	26	13	15
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	3.2	4.3	1.7	5.4	1.7	1.1	3.9	2.0	0.64
Potassium	mg/L	1.0	1.2	0.56	0.87	1.5	0.70	2.2	2.1	4.1
Sodium	mg/L	5.2	9.9	5.6	10	4.7	3.2	5.1	3.5	3.6

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

Table 6
Groundwater Analytical Data Summary - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

	Sample Location	GWA-28	GWA-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
	Sample Date	02/10/2025	02/11/2025	02/13/2025	02/18/2025	02/19/2025	02/19/2025	02/13/2025	02/18/2025
ANALYTE	UNITS								
Appendix III									
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.10
Calcium	mg/L	3.6	4.8	3.3	7.8	7.6	18	3.1	7.7
Chloride	mg/L	1.4	1.1	1.7	1.2	1.1	1.6	1.5	25
Fluoride	mg/L	0.70	1.4	< 0.040	1.3	2.2	1.7	< 0.040	< 0.080
pH, Field	SU	6.06	5.85	6.12	6.00	6.03	6.20	6.00	5.44
Sulfate	mg/L	1.0	5.4	1.2	8.8	7.2	8.6	1.3	7.0
Total Dissolved Solids	mg/L	91	84	57	79	80	95	52	82
Required by Permit									
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.0027 J	< 0.00089	0.0074 J	0.0023 J	0.0012 J	0.0067 J	0.013	0.065
Beryllium	mg/L	0.00043 J	0.0018 J	< 0.00020	0.00068 J	0.0011 J	0.00046 J	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	0.0015 J	< 0.0012	0.0014 J	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	0.00054 J
Copper	mg/L	< 0.0011	0.0038	< 0.0011	0.0011 J	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	< 0.00042	0.00074 J	< 0.00042	0.00074 J	< 0.00042	< 0.00042	0.00067 J	0.0026
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	0.0012	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	< 0.00063	0.00084 J	0.0014 J	0.0037	0.0031	< 0.00063	0.0021
Zinc	mg/L	0.0053	0.021	< 0.0028	0.012	0.025	0.0032 J	< 0.0028	0.0032 J
Additional Parameters									
Total Alkalinity as CaCO3	mg/L	31	33	28	32	35	68	22	10
Bicarbonate Alkalinity as CaCO3	mg/L	31	33	28	32	35	68	22	10
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	0.93	1.8	1.3	1.6	3.0	1.6	1.5	6.1
Potassium	mg/L	0.89	1.1	1.5	1.3	1.7	2.5	1.6	2.7
Sodium	mg/L	11	14	5.7	9.0	11	13	4.9	6.0

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

Table 7
Surface Water Analytical Data Summary - February 2025
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Sample Location		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
Sample Date		02/18/2025	02/18/2025	02/17/2025	02/18/2025	02/17/2025
ANALYTE	UNITS					
Appendix III						
Boron	mg/L	0.023 J	1.1	0.19	0.062 J	0.074 J
Calcium	mg/L	4.3	40	15	22	10
Chloride	mg/L	2.5	72	19	5.8	5.4
Fluoride	mg/L	< 0.040	< 0.80	< 0.080	< 0.080	< 0.040
pH, Field	SU	6.91	5.96	5.73	6.72	6.85
Sulfate	mg/L	6.9	17 J	14	55	20
Total Dissolved Solids	mg/L	41	290	130	110	71
Required by Permit						
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	0.0019	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.023	0.082	0.091	0.051	0.036
Beryllium	mg/L	0.00036 J	0.00029 J	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0012 J
Cobalt	mg/L	0.00043 J	0.24	0.011	0.0011 J	0.00099 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00057 J	0.011	0.0061	0.0013	0.00091 J
Selenium	mg/L	< 0.00099	0.0059	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0019 J	0.0016 J	0.0016 J	0.0024	0.0029
Zinc	mg/L	0.0086	0.0088	0.0074	0.0072	0.0062
Additional Parameters						
Alkalinity Total as CaCO3	mg/L	11	45	55	26	12
Bicarbonate Alkalinity as CaCO3	mg/L	11	45	55	26	12
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	1.1	13	7.5	4.4	2.3
Potassium	mg/L	1.6	2.6	1.8	2.3	1.8
Sodium	mg/L	2.7	2.6	9.0	5.2	3.3

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

Table 8
Statistical Method Summary
Georgia Power Company
Plant Wansley CCR Landfill
Heard County, GA

Plant Wansley CCR Landfill Statistical Method Summary		
Monitoring Well Network	Upgradient Wells	GWA-1, GWA-2, GWA-3, GWA-4, GWA-28, and GWA-29
	Downgradient Wells	GWC-5, GWC-6, GWC-7, GWC-8, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-15, GWC-16, GWC-17, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-24, GWC-25, GWC-26, GWC-27, GWC-30, GWC-31, GWC-32, GWC-33, GWC-34, and GWC-35
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and Total Dissolved Solids
	Appendix IV (Assessment Monitoring)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
Modified Appendix I Metals	Detection Monitoring	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc
Statistical Methodology	Data Screening Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell (boron, calcium, chloride, and fluoride) or intrawell (pH, sulfate, TDS, and Modified Appendix I Metals) statistical limits are on parameter specific basis, depending on the appropriateness of the method as determined by the Analysis of Variance. Intrawell exceedances are further evaluated by interwell analysis per the two-step statistical method.

FIGURES

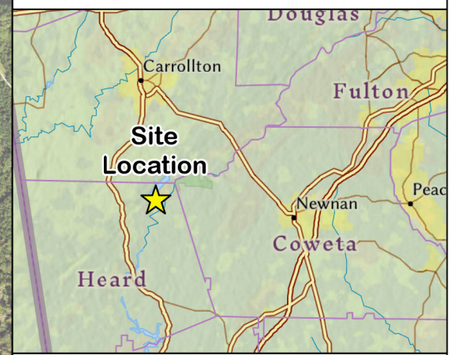


Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL/CELL BOUNDARY



NOTES

1. AERIAL DATED JANUARY, 2025, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED OCTOBER 3, 2023.

N

700 350 0 700

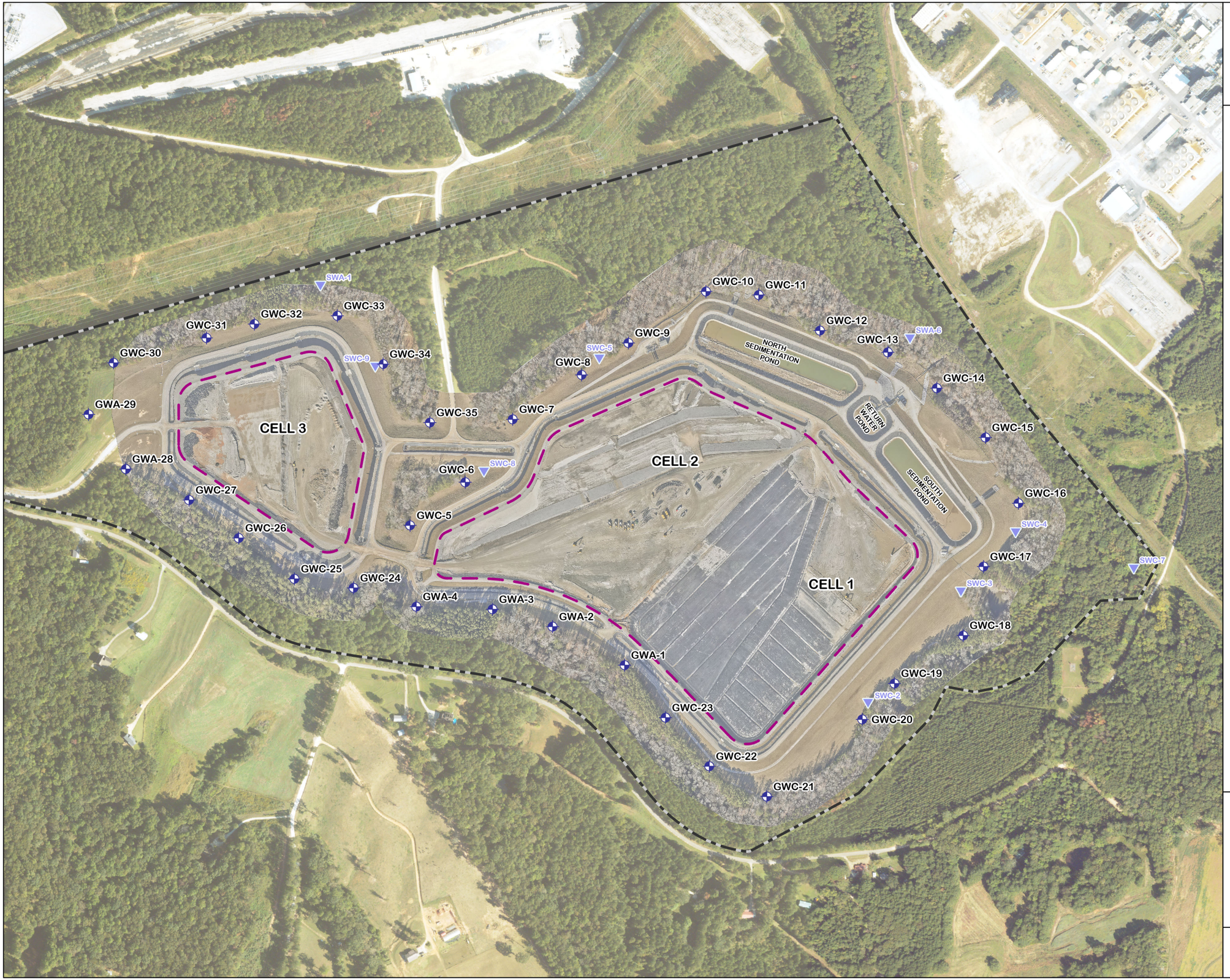
SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

SITE MAP

FIGURE 1



Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL/CELL BOUNDARY
- MONITORING WELL
- SURFACE WATER MONITORING POINT

NOTES

1. AERIAL DATED JANUARY, 2025, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED OCTOBER 3, 2023.
2. SURFACE WATER MONITORING POINTS SWC-2, SWC-3, SWC-4, SWC-5, SWC-8, AND SWC-9 ARE UNDERDRAIN SAMPLING LOCATIONS.

N

500 250 0 500

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WELL LOCATION MAP

FIGURE 2

Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL/CELL BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- DETECTION MONITORING WELL
- SURFACE WATER MONITORING POINT

NOTES

1. AERIAL DATED JANUARY, 2025, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED OCTOBER 3, 2023.
2. SURFACE WATER MONITORING POINTS SWC-2, SWC-3, SWC-4, SWC-5, SWC-8, AND SWC-9 ARE UNDERDRAIN SAMPLING LOCATIONS.
3. GROUNDWATER ELEVATIONS MEASURED ON FEBRUARY 10, 2025.
4. INFERRED GROUNDWATER ELEVATION CONTOURS OVER CELLS 1 & 2 ARE DERIVED FROM FIGURE 3-3 OF THE SITE ACCEPTABILITY REPORT, REVISION 1, DATED OCTOBER 2007.
5. * = THE WATER LEVEL FOR GWC-24 WAS RECORDED AFTER THE 24-HOUR PERIOD OF THE INITIAL ROUND OF WATER LEVEL READINGS.

RYAN K. WALKER
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
NO. 2378

Atlantic Coast Consulting, Inc.

2025 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

POTENTIOMETRIC CONTOUR MAP
FEBRUARY 2025

FIGURE 3

500 250 0 500
SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

APPENDICES

APPENDIX A

LABORATORY ANALYTICAL AND FIELD SAMPLING REPORTS

APPENDIX A

Laboratory Analytical and Field Sampling Reports
February 2025 Monitoring Event

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/13/2025 8:01:41 AM Revision 1

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-261844-1

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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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
3/13/2025 8:01:41 AM
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 Landfill

Job ID: 680-261844-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261844-1	WAN-GWA-28	Water	02/10/25 15:01	02/13/25 10:28
680-261844-2	WAN-GWA-4	Water	02/10/25 16:50	02/13/25 10:28
680-261844-3	WAN-GWA-1	Water	02/11/25 10:51	02/13/25 10:28
680-261844-4	WAN-GWA-2	Water	02/11/25 12:25	02/13/25 10:28
680-261844-5	WAN-GWA-29	Water	02/11/25 10:50	02/13/25 10:28
680-261844-6	WAN-GWC-16	Water	02/11/25 15:28	02/13/25 10:28
680-261844-7	WAN-GWC-21	Water	02/11/25 14:10	02/13/25 10:28
680-261844-8	WAN-GWC-22	Water	02/11/25 12:49	02/13/25 10:28
680-261844-9	WAN-GWC-23	Water	02/11/25 14:05	02/13/25 10:28
680-261844-10	WAN-LF-FD-04	Water	02/11/25 00:00	02/13/25 10:28
680-261844-11	WAN-LF-FB-10	Water	02/11/25 14:30	02/13/25 10:28
680-261844-12	WAN-GWC-27	Water	02/11/25 16:07	02/13/25 10:28

Job ID: 680-261844-1 — Eurofins Savannah

Job Narrative
680-261844-1

Revision 1
The report being provided is a revision of the original report sent on 2/21/2025. The report (revision 1) is being revised in order to include the correct COC pages for this submittal.

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 2 coolers at receipt time were 3.5°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-GWA-28

Lab Sample ID: 680-261844-1

Date Collected: 02/10/25 15:01

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	**1.4**		1.0	0.20	mg/L			02/19/25 16:14	1
Fluoride	**0.70**	**F1**	0.10	0.040	mg/L			02/19/25 16:14	1
Sulfate	**1.0**		1.0	0.40	mg/L			02/19/25 16:14	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 14:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:01	1
Barium	**0.0027**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:01	1
Beryllium	**0.00043**	**J**	0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:01	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:01	1
Calcium	**3.6**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 14:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 14:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 14:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:01	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 14:01	1
Zinc	**0.0053**		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 14:01	1

Method: SW846 7470A - Mercury

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 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**91**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-261844-2

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	**14**		1.0	0.20	mg/L			02/19/25 16:55	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 16:55	1
Sulfate	**11**		1.0	0.40	mg/L			02/19/25 16:55	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 13:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 13:57	1
Barium	**0.16**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 13:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 13:57	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 13:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 13:57	1

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-261844-2

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
Calcium	**32**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 13:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 13:57	1
Cobalt	**0.0029**		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 13:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 13:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 13:57	1
Nickel	**0.0027**		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 13:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 13:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 13:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 13:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 13:57	1

Method: SW846 7470A - Mercury

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 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**170**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-261844-3

Date Collected: 02/11/25 10:51

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	**2.8**		1.0	0.20	mg/L			02/19/25 17:03	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 17:03	1
Sulfate	**0.44**	**J**	1.0	0.40	mg/L			02/19/25 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		02/14/25 06:27	02/17/25 16:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:48	1
Barium	**0.011**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:48	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:48	1
Calcium	**0.84**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:48	1
Nickel	**0.00096**	**J**	0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:48	1
Zinc	**0.0034**	**J**	0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:48	1

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-261844-3

Date Collected: 02/11/25 10:51

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**22**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-261844-4

Date Collected: 02/11/25 12:25

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	**4.4**		1.0	0.20	mg/L			02/19/25 17:11	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 17:11	1
Sulfate	**15**		1.0	0.40	mg/L			02/19/25 17:11	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		02/14/25 06:27	02/17/25 16:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:52	1
Barium	**0.021**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:52	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:52	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:52	1
Calcium	**4.8**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:52	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:52	1
Nickel	**0.00077**	**J**	0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:52	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:52	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:52	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**57**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-261844-5

Date Collected: 02/11/25 10:50

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	**1.1**		1.0	0.20	mg/L			02/19/25 17:20	1
Fluoride	**1.4**		0.10	0.040	mg/L			02/19/25 17:20	1
Sulfate	**5.4**		1.0	0.40	mg/L			02/19/25 17:20	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 16:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:44	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:44	1
Beryllium	**0.0018**	**J**	0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:44	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:44	1
Calcium	**4.8**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:44	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:44	1
Copper	**0.0038**		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:44	1
Nickel	**0.00074**	**J**	0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:44	1
Silver	**0.0012**		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:44	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:44	1
Zinc	**0.021**		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:44	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-261844-6

Date Collected: 02/11/25 15:28

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			02/19/25 17:28	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 17:28	1
Sulfate	**1.1**		1.0	0.40	mg/L			02/19/25 17:28	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 16:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:23	1
Barium	**0.022**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:23	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:23	1

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-261844-6

Date Collected: 02/11/25 15:28

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
Calcium	**10**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:23	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:23	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:23	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:23	1

Method: SW846 7470A - Mercury

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 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-261844-7

Date Collected: 02/11/25 14:10

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	**3.9**		1.0	0.20	mg/L			02/19/25 17:36	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 17:36	1
Sulfate	**0.46**	**J**	1.0	0.40	mg/L			02/19/25 17:36	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 16:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:40	1
Barium	**0.052**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:40	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:40	1
Calcium	**12**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:40	1
Cobalt	**0.0017**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:40	1
Nickel	**0.00075**	**J**	0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:40	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:40	1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-261844-7

Date Collected: 02/11/25 14:10

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**68**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-261844-8

Date Collected: 02/11/25 12:49

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	**2.1**		1.0	0.20	mg/L			02/20/25 13:03	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 13:03	1
Sulfate	**0.87**	**J**	1.0	0.40	mg/L			02/20/25 13:03	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		02/14/25 06:27	02/17/25 13:53	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 13:53	1
Barium	**0.026**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 13:53	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 13:53	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 13:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 13:53	1
Calcium	**11**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 13:53	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 13:53	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 13:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 13:53	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 13:53	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 13:53	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:53	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 13:53	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 13:53	1
Vanadium	**0.0065**		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 13:53	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 13:53	1

Method: SW846 7470A - Mercury

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 17:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/17/25 08:32	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-261844-9

Date Collected: 02/11/25 14:05

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	**2.7**		1.0	0.20	mg/L			02/20/25 13:11	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 13:11	1
Sulfate	**0.73**	**J**	1.0	0.40	mg/L			02/20/25 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 16:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:31	1
Barium	**0.0053**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:31	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:31	1
Calcium	**4.1**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:31	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:31	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:31	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:31	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**43**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-LF-FD-04

Lab Sample ID: 680-261844-10

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	**2.2**		1.0	0.20	mg/L			02/20/25 13:19	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 13:19	1
Sulfate	**0.55**	**J**	1.0	0.40	mg/L			02/20/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 16:27	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 16:27	1
Barium	**0.0056**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 16:27	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 16:27	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 16:27	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 16:27	1

Client Sample ID: WAN-LF-FD-04

Lab Sample ID: 680-261844-10

Date Collected: 02/11/25 00:00

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
Calcium	**4.2**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 16:27	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 16:27	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 16:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 16:27	1
Lead	**0.00030**	**J**	0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 16:27	1
Nickel	**0.00045**	**J**	0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 16:27	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 16:27	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 16:27	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 16:27	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 16:27	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 16:27	1

Method: SW846 7470A - Mercury

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 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**43**		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-LF-FB-10

Lab Sample ID: 680-261844-11

Date Collected: 02/11/25 14:30

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 13:27	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 13:27	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 13:27	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 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:17	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:17	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:17	1
Calcium	<0.14		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:17	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:17	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 14:17	1
Zinc	**0.0041**	**J**	0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 14:17	1

Client Sample ID: WAN-LF-FB-10

Lab Sample ID: 680-261844-11

Date Collected: 02/11/25 14:30

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 7470A - Mercury

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 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/17/25 08:32	1

Client Sample ID: WAN-GWC-27

Lab Sample ID: 680-261844-12

Date Collected: 02/11/25 16:07

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	**1.3**		1.0	0.20	mg/L			02/20/25 13:35	1
Fluoride	**0.34**		0.10	0.040	mg/L			02/20/25 13:35	1
Sulfate	**1.9**		1.0	0.40	mg/L			02/20/25 13:35	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 14:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:05	1
Barium	**0.014**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:05	1
Beryllium	**0.0038**		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:05	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:05	1
Calcium	**2.1**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:05	1
Cobalt	**0.0010**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 14:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 14:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 14:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:05	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 14:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 14:05	1

Method: SW846 7470A - Mercury

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 17:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**40**		10	10	mg/L			02/17/25 08:32	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-876318/11
Matrix: Water
Analysis Batch: 876318

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			02/19/25 14:10	1
Fluoride	<0.040		0.10	0.040	mg/L			02/19/25 14:10	1
Sulfate	<0.40		1.0	0.40	mg/L			02/19/25 14:10	1

Lab Sample ID: LCS 680-876318/12
Matrix: Water
Analysis Batch: 876318

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	9.80		mg/L		98	90 - 110
Fluoride	2.00	2.01		mg/L		100	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 680-876318/13
Matrix: Water
Analysis Batch: 876318

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	1	15
Fluoride	2.00	2.01		mg/L		101	90 - 110	0	15
Sulfate	10.0	10.2		mg/L		102	90 - 110	1	15

Lab Sample ID: 680-261844-1 MS
Matrix: Water
Analysis Batch: 876318

Client Sample ID: WAN-GWA-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.4		10.0	10.5		mg/L		90	80 - 120
Fluoride	0.70	F1	2.00	2.02	F1	mg/L		66	80 - 120
Sulfate	1.0		10.0	10.4		mg/L		94	80 - 120

Lab Sample ID: 680-261844-1 MSD
Matrix: Water
Analysis Batch: 876318

Client Sample ID: WAN-GWA-28
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		10.0	10.6		mg/L		92	80 - 120	1	15
Fluoride	0.70	F1	2.00	2.03	F1	mg/L		66	80 - 120	0	15
Sulfate	1.0		10.0	10.6		mg/L		95	80 - 120	1	15

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

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

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: 752-29533-A-1 MS
Matrix: Water
Analysis Batch: 876438

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	6.3		10.0	16.6		mg/L		103	80 - 120		
Fluoride	<0.040		2.00	2.11		mg/L		106	80 - 120		
Sulfate	2.1		10.0	12.9		mg/L		108	80 - 120		

Lab Sample ID: 752-29533-A-1 MSD
Matrix: Water
Analysis Batch: 876438

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	6.3		10.0	16.7		mg/L		104	80 - 120	1	15
Fluoride	<0.040		2.00	2.08		mg/L		104	80 - 120	1	15
Sulfate	2.1		10.0	13.0		mg/L		109	80 - 120	1	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
Copper	<0.0011		0.0020	0.0011	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
Nickel	<0.00042		0.0010	0.00042	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
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:28	1
Silver	<0.00039		0.0010	0.00039	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
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 13:28	1
Zinc	<0.0028		0.0050	0.0028	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
Copper	0.101	0.104		mg/L		103	80 - 120
Lead	0.500	0.520		mg/L		104	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Silver	0.0500	0.0519		mg/L		104	80 - 120
Thallium	0.0500	0.0475		mg/L		95	80 - 120
Vanadium	0.100	0.0987		mg/L		99	80 - 120
Zinc	0.100	0.0911		mg/L		91	80 - 120

Lab Sample ID: 680-261849-G-1-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
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
Copper	<0.0011		0.101	0.106		mg/L		105	75 - 125
Lead	<0.00021		0.500	0.520		mg/L		104	75 - 125
Nickel	0.00049	J	0.100	0.104		mg/L		103	75 - 125
Selenium	<0.00099		0.100	0.108		mg/L		108	75 - 125
Silver	<0.00039		0.0500	0.0523		mg/L		105	75 - 125
Thallium	<0.00026		0.0500	0.0481		mg/L		96	75 - 125

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

Lab Sample ID: 680-261849-G-1-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	<0.00063		0.100	0.0994		mg/L		99	75 - 125
Zinc	<0.0028		0.100	0.0928		mg/L		93	75 - 125

Lab Sample ID: 680-261849-G-1-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
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
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	0	20
Lead	<0.00021		0.500	0.527		mg/L		105	75 - 125	1	20
Nickel	0.00049	J	0.100	0.104		mg/L		104	75 - 125	0	20
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125	1	20
Silver	<0.00039		0.0500	0.0530		mg/L		106	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0488		mg/L		98	75 - 125	2	20
Vanadium	<0.00063		0.100	0.100		mg/L		100	75 - 125	1	20
Zinc	<0.0028		0.100	0.0941		mg/L		94	75 - 125	1	20

Lab Sample ID: MB 680-875732/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875732

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 15:30	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 15:30	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 15:30	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 15:30	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 15:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 15:30	1
Calcium	<0.14		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 15:30	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 15:30	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/14/25 06:27	02/17/25 15:30	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 15:30	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/14/25 06:27	02/17/25 15:30	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 15:30	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/14/25 06:27	02/17/25 15:30	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 15:30	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/14/25 06:27	02/17/25 15:30	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/14/25 06:27	02/17/25 15:30	1

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

Lab Sample ID: LCS 680-875732/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0514		mg/L		103	80 - 120
Boron	0.400	0.394		mg/L		99	80 - 120
Cadmium	0.0500	0.0515		mg/L		103	80 - 120
Calcium	5.00	5.21		mg/L		104	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.0500	0.0541		mg/L		108	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.538		mg/L		108	80 - 120
Nickel	0.100	0.106		mg/L		106	80 - 120
Selenium	0.100	0.109		mg/L		109	80 - 120
Silver	0.0500	0.0538		mg/L		108	80 - 120
Thallium	0.0500	0.0492		mg/L		98	80 - 120
Vanadium	0.100	0.102		mg/L		102	80 - 120
Zinc	0.100	0.0918		mg/L		92	80 - 120

Lab Sample ID: 752-29383-G-3-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0524		mg/L		105	75 - 125
Arsenic	<0.00086		0.100	0.103		mg/L		103	75 - 125
Barium	<0.00089		0.100	0.102		mg/L		102	75 - 125
Beryllium	<0.00020		0.0500	0.0513		mg/L		103	75 - 125
Boron	<0.022		0.400	0.399		mg/L		100	75 - 125
Cadmium	<0.000078	F1 F2	0.0500	0.0513		mg/L		103	75 - 125
Calcium	120		5.00	109	4	mg/L		-174	75 - 125
Chromium	0.0028		0.100	0.105		mg/L		103	75 - 125
Cobalt	0.00096	J F1 F2	0.0500	0.0527		mg/L		103	75 - 125
Copper	0.0091	F1 F2	0.101	0.113		mg/L		103	75 - 125
Lead	0.0031		0.500	0.540		mg/L		107	75 - 125
Nickel	0.0066	F1 F2	0.100	0.109		mg/L		102	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Silver	<0.00039	F1 F2	0.0500	0.0514		mg/L		103	75 - 125
Thallium	<0.00026		0.0500	0.0494		mg/L		99	75 - 125
Vanadium	0.0040		0.100	0.106		mg/L		102	75 - 125
Zinc	0.032	F1	0.100	0.122		mg/L		90	75 - 125

Lab Sample ID: 752-29383-G-3-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0626		mg/L		125	75 - 125	18	20
Arsenic	<0.00086		0.100	0.102		mg/L		102	75 - 125	0	20
Barium	<0.00089		0.100	0.107		mg/L		107	75 - 125	5	20

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

Lab Sample ID: 752-29383-G-3-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125	4	20
Boron	<0.022		0.400	0.411		mg/L		103	75 - 125	3	20
Cadmium	<0.000078	F1 F2	0.0500	0.0644	F1 F2	mg/L		129	75 - 125	23	20
Calcium	120		5.00	120	4	mg/L		46	75 - 125	10	20
Chromium	0.0028		0.100	0.125		mg/L		122	75 - 125	17	20
Cobalt	0.00096	J F1 F2	0.0500	0.0708	F1 F2	mg/L		140	75 - 125	29	20
Copper	0.0091	F1 F2	0.101	0.153	F1 F2	mg/L		142	75 - 125	30	20
Lead	0.0031		0.500	0.587		mg/L		117	75 - 125	8	20
Nickel	0.0066	F1 F2	0.100	0.143	F1 F2	mg/L		137	75 - 125	28	20
Selenium	<0.00099		0.100	0.111		mg/L		111	75 - 125	4	20
Silver	<0.00039	F1 F2	0.0500	0.0776	F1 F2	mg/L		155	75 - 125	41	20
Thallium	<0.00026		0.0500	0.0543		mg/L		109	75 - 125	9	20
Vanadium	0.0040		0.100	0.124		mg/L		120	75 - 125	16	20
Zinc	0.032	F1	0.100	0.102	F1	mg/L		70	75 - 125	18	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-876314/1-A
Matrix: Water
Analysis Batch: 876437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/19/25 10:54	02/19/25 15:39	1

Lab Sample ID: LCS 680-876314/2-A
Matrix: Water
Analysis Batch: 876437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876314

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00253		mg/L		101	80 - 120		

Lab Sample ID: 680-261710-C-5-C MS
Matrix: Water
Analysis Batch: 876437

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 876314

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000999		mg/L		100	80 - 120		

Lab Sample ID: 680-261710-C-5-D MSD
Matrix: Water
Analysis Batch: 876437

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 876314

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	1	20

Method: 7470A - Mercury (Continued)

Lab Sample ID: MB 680-876505/1-A
Matrix: Water
Analysis Batch: 876558

Client Sample ID: Method Blank
Prep Type: Total/NA
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
Matrix: Water
Analysis Batch: 876558

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

Lab Sample ID: 680-261844-11 MS
Matrix: Water
Analysis Batch: 876558

Client Sample ID: WAN-LF-FB-10
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: 680-261844-11 MSD
Matrix: Water
Analysis Batch: 876558

Client Sample ID: WAN-LF-FB-10
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

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

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

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: 680-261777-E-18 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

HPLC/IC

Analysis Batch: 876318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total/NA	Water	300.0-1993 R2.1	
680-261844-2	WAN-GWA-4	Total/NA	Water	300.0-1993 R2.1	
680-261844-3	WAN-GWA-1	Total/NA	Water	300.0-1993 R2.1	
680-261844-4	WAN-GWA-2	Total/NA	Water	300.0-1993 R2.1	
680-261844-5	WAN-GWA-29	Total/NA	Water	300.0-1993 R2.1	
680-261844-6	WAN-GWC-16	Total/NA	Water	300.0-1993 R2.1	
680-261844-7	WAN-GWC-21	Total/NA	Water	300.0-1993 R2.1	
MB 680-876318/11	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876318/12	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876318/13	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261844-1 MS	WAN-GWA-28	Total/NA	Water	300.0-1993 R2.1	
680-261844-1 MSD	WAN-GWA-28	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-8	WAN-GWC-22	Total/NA	Water	300.0-1993 R2.1	
680-261844-9	WAN-GWC-23	Total/NA	Water	300.0-1993 R2.1	
680-261844-10	WAN-LF-FD-04	Total/NA	Water	300.0-1993 R2.1	
680-261844-11	WAN-LF-FB-10	Total/NA	Water	300.0-1993 R2.1	
680-261844-12	WAN-GWC-27	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	
752-29533-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-29533-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 875722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total Recoverable	Water	3005A	
680-261844-2	WAN-GWA-4	Total Recoverable	Water	3005A	
680-261844-8	WAN-GWC-22	Total Recoverable	Water	3005A	
680-261844-11	WAN-LF-FB-10	Total Recoverable	Water	3005A	
680-261844-12	WAN-GWC-27	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-G-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-261849-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 875732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-3	WAN-GWA-1	Total Recoverable	Water	3005A	
680-261844-4	WAN-GWA-2	Total Recoverable	Water	3005A	
680-261844-5	WAN-GWA-29	Total Recoverable	Water	3005A	
680-261844-6	WAN-GWC-16	Total Recoverable	Water	3005A	
680-261844-7	WAN-GWC-21	Total Recoverable	Water	3005A	
680-261844-9	WAN-GWC-23	Total Recoverable	Water	3005A	
680-261844-10	WAN-LF-FD-04	Total Recoverable	Water	3005A	
MB 680-875732/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875732/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 875732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-29383-G-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29383-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total Recoverable	Water	6020B	875722
680-261844-2	WAN-GWA-4	Total Recoverable	Water	6020B	875722
680-261844-3	WAN-GWA-1	Total Recoverable	Water	6020B	875732
680-261844-4	WAN-GWA-2	Total Recoverable	Water	6020B	875732
680-261844-5	WAN-GWA-29	Total Recoverable	Water	6020B	875732
680-261844-6	WAN-GWC-16	Total Recoverable	Water	6020B	875732
680-261844-7	WAN-GWC-21	Total Recoverable	Water	6020B	875732
680-261844-8	WAN-GWC-22	Total Recoverable	Water	6020B	875722
680-261844-9	WAN-GWC-23	Total Recoverable	Water	6020B	875732
680-261844-10	WAN-LF-FD-04	Total Recoverable	Water	6020B	875732
680-261844-11	WAN-LF-FB-10	Total Recoverable	Water	6020B	875722
680-261844-12	WAN-GWC-27	Total Recoverable	Water	6020B	875722
MB 680-875722/1-A	Method Blank	Total Recoverable	Water	6020B	875722
MB 680-875732/1-A	Method Blank	Total Recoverable	Water	6020B	875732
LCS 680-875722/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875722
LCS 680-875732/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875732
680-261849-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875722
680-261849-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875722
752-29383-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	875732
752-29383-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875732

Prep Batch: 876314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-3	WAN-GWA-1	Total/NA	Water	7470A	
680-261844-4	WAN-GWA-2	Total/NA	Water	7470A	
680-261844-5	WAN-GWA-29	Total/NA	Water	7470A	
680-261844-7	WAN-GWC-21	Total/NA	Water	7470A	
680-261844-9	WAN-GWC-23	Total/NA	Water	7470A	
MB 680-876314/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876314/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261710-C-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-261710-C-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 876437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-3	WAN-GWA-1	Total/NA	Water	7470A	876314
680-261844-4	WAN-GWA-2	Total/NA	Water	7470A	876314
680-261844-5	WAN-GWA-29	Total/NA	Water	7470A	876314
680-261844-7	WAN-GWC-21	Total/NA	Water	7470A	876314
680-261844-9	WAN-GWC-23	Total/NA	Water	7470A	876314
MB 680-876314/1-A	Method Blank	Total/NA	Water	7470A	876314
LCS 680-876314/2-A	Lab Control Sample	Total/NA	Water	7470A	876314
680-261710-C-5-C MS	Matrix Spike	Total/NA	Water	7470A	876314
680-261710-C-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	876314

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Metals

Prep Batch: 876505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total/NA	Water	7470A	
680-261844-2	WAN-GWA-4	Total/NA	Water	7470A	
680-261844-6	WAN-GWC-16	Total/NA	Water	7470A	
680-261844-8	WAN-GWC-22	Total/NA	Water	7470A	
680-261844-10	WAN-LF-FD-04	Total/NA	Water	7470A	
680-261844-11	WAN-LF-FB-10	Total/NA	Water	7470A	
680-261844-12	WAN-GWC-27	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	
680-261844-11 MS	WAN-LF-FB-10	Total/NA	Water	7470A	
680-261844-11 MSD	WAN-LF-FB-10	Total/NA	Water	7470A	

Analysis Batch: 876558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total/NA	Water	7470A	876505
680-261844-2	WAN-GWA-4	Total/NA	Water	7470A	876505
680-261844-6	WAN-GWC-16	Total/NA	Water	7470A	876505
680-261844-8	WAN-GWC-22	Total/NA	Water	7470A	876505
680-261844-10	WAN-LF-FD-04	Total/NA	Water	7470A	876505
680-261844-11	WAN-LF-FB-10	Total/NA	Water	7470A	876505
680-261844-12	WAN-GWC-27	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
680-261844-11 MS	WAN-LF-FB-10	Total/NA	Water	7470A	876505
680-261844-11 MSD	WAN-LF-FB-10	Total/NA	Water	7470A	876505

General Chemistry

Analysis Batch: 875918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total/NA	Water	2540C-2011	
680-261844-2	WAN-GWA-4	Total/NA	Water	2540C-2011	
680-261844-3	WAN-GWA-1	Total/NA	Water	2540C-2011	
680-261844-4	WAN-GWA-2	Total/NA	Water	2540C-2011	
680-261844-5	WAN-GWA-29	Total/NA	Water	2540C-2011	
680-261844-6	WAN-GWC-16	Total/NA	Water	2540C-2011	
680-261844-7	WAN-GWC-21	Total/NA	Water	2540C-2011	
680-261844-8	WAN-GWC-22	Total/NA	Water	2540C-2011	
680-261844-9	WAN-GWC-23	Total/NA	Water	2540C-2011	
680-261844-10	WAN-LF-FD-04	Total/NA	Water	2540C-2011	
680-261844-11	WAN-LF-FB-10	Total/NA	Water	2540C-2011	
680-261844-12	WAN-GWC-27	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	
680-261777-E-18 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Client Sample ID: WAN-GWA-28

Lab Sample ID: 680-261844-1
Date Collected: 02/10/25 15:01
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	876318	02/19/25 16:14	AF	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 14:01	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-261844-2
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	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876318	02/19/25 16:55	AF	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 13:57	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:46	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-261844-3
Date Collected: 02/11/25 10:51
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	876318	02/19/25 17:03	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:48	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876314	02/19/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876437	02/19/25 16:40	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-261844-4
Date Collected: 02/11/25 12:25
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	300.0-1993 R2.1		1	2 mL	2 mL	876318	02/19/25 17:11	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:52	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876314	02/19/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876437	02/19/25 16:21	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-261844-5
Date Collected: 02/11/25 10:50
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	876318	02/19/25 17:20	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:44	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876314	02/19/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876437	02/19/25 16:19	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-261844-6
Date Collected: 02/11/25 15:28
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	876318	02/19/25 17:28	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:23	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-261844-7

Date Collected: 02/11/25 14:10

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	876318	02/19/25 17:36	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:40	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876314	02/19/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876437	02/19/25 16:17	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-261844-8

Date Collected: 02/11/25 12:49

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 13:03	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 13:53	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-261844-9

Date Collected: 02/11/25 14:05

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 13:11	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:31	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876314	02/19/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876437	02/19/25 16:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-1

Client Sample ID: WAN-LF-FD-04

Lab Sample ID: 680-261844-10
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		1	2 mL	2 mL	876438	02/20/25 13:19	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:27	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:34	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-10

Lab Sample ID: 680-261844-11
Date Collected: 02/11/25 14:30
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 13:27	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 14:17	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:18	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-27

Lab Sample ID: 680-261844-12
Date Collected: 02/11/25 16:07
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 13:35	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 14:05	BWR	EET SAV
	Instrument ID: ICPMSC									
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 17:25	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	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: 680-261844-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-261844-1

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	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	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 TestAmerica, 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: H.Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of
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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4 & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	
			Preservation Code:				D	I		
WAN- GWA-28	02/10/25	1501	G	WG	N	N	✓	✓	3	pH = 6.06
WAN- GWA-4	02/10/25	1650	G	WG	N	N	✓	✓	3	pH = 6.54
WAN- GWA-1	02/11/25	1051	G	WG	N	N	✓	✓	3	
WAN- GWA-2	02/11/25	1225	G	WG	N	N	✓	✓	3	
WAN- GWA-29	02/11/25	1050	G	WG	N	N	✓	✓	3	
WAN- GWC-16	02/11/25	1528	G	WG	N	N	✓	✓	3	
WAN- GWC-21	02/11/25	1410	G	WG	N	N	✓	✓	3	
WAN- GWC-22	02/11/25	1249	G	WG	N	N	✓	✓	3	
WAN- GWC-23	02/11/25	1405	G	WG	N	N	✓	✓	3	
WAN- LF-FD-04	02/11/25	—	G	WG	N	N	✓	✓	3	
WAN- LF-FB-10	02/11/25	1430	G	WQ	N	N	✓	✓	3	

680-261844 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:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	2-11-25 / 1705	ACC	Received by:	2-11-25 / 1705	ACC
Relinquished by:	2/12/25 0857	AEC	Received by: Aaron Neal	2-12-25 857	
Relinquished by:			Received by:	2/13/25 1028	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.0°	4.2/4.2

Eurofins TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 2 of 2
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE	Due Date 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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO_4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	Task_Code: WAN-CCR-ASSMT-2025S1 Special Instructions/Note: APP III + State Permit Metals
			Preservation Code:				D	I		
WAN- GWC-27	02/11/25	1607	G	WG	N	N	✓	✓	3	
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	H. Auld	2-11-25 / 1705	ACC		2-11-25 / 1705	ACC
2		2/12/25/0857	ACC	Anna Neal	2-12-25 0857	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.0°

Ver: 01/16/2019
3/13/2025 (Rev. 1)

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261844-1

Login Number: 261844
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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/2/2025 3:24:08 PM Revision 1

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-261941-1

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



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4/2/2025 3:24:08 PM
Revision 1

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

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
^+	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 Landfill

Job ID: 680-261941-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261941-1	WAN-LF-FD-05	Water	02/13/25 00:00	02/15/25 10:20
680-261941-2	WAN-LF-FB-11	Water	02/13/25 16:05	02/15/25 10:20
680-261941-3	WAN-LF-EB-04	Water	02/13/25 10:30	02/15/25 10:20
680-261941-4	WAN-LF-EB-05	Water	02/13/25 16:05	02/15/25 10:20
680-261941-5	WAN-GWC-7	Water	02/13/25 10:25	02/15/25 10:20
680-261941-6	WAN-GWC-8	Water	02/13/25 12:20	02/15/25 10:20
680-261941-7	WAN-GWC-17	Water	02/13/25 14:25	02/15/25 10:20
680-261941-8	WAN-GWC-18	Water	02/13/25 15:40	02/15/25 10:20
680-261941-9	WAN-GWC-26	Water	02/13/25 13:43	02/15/25 10:20
680-261941-10	WAN-GWC-30	Water	02/13/25 15:14	02/15/25 10:20
680-261941-11	WAN-GWC-34	Water	02/13/25 16:09	02/15/25 10:20
680-261941-12	WAN-GWC-5	Water	02/14/25 10:10	02/15/25 10:20
680-261941-13	WAN-GWC-19	Water	02/14/25 09:45	02/15/25 10:20
680-261941-14	WAN-GWC-20	Water	02/14/25 09:50	02/15/25 10:20
680-261941-15	WAN-GWC-24	Water	02/14/25 09:15	02/15/25 10:20
680-261941-16	WAN-GWC-25	Water	02/14/25 10:06	02/15/25 10:20
680-261941-17	WAN-LF-FD-06	Water	02/14/25 00:00	02/15/25 10:20

Job ID: 680-261941-1 — Eurofins Savannah

Job Narrative
680-261941-1

Revision 1
The report being provided is a revision of the original report sent on 2/25/2025. The report (revision 1) is being revised due to: the need to re-analyze GWC-20 & FD-06 samples for Lead after a data quality review request and also to correct the sample collection dates for the last 6 samples in this submittal.

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 2 coolers at receipt time were 0.4°C and 2.1°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.

Client Sample ID: WAN-LF-FD-05

Lab Sample ID: 680-261941-1

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	**1.8**		1.0	0.20	mg/L			02/20/25 19:16	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 19:16	1
Sulfate	**28**		1.0	0.40	mg/L			02/20/25 19:16	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		02/17/25 06:11	02/17/25 20:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:39	1
Barium	**0.032**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:39	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:39	1
Calcium	**23**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:39	1
Cobalt	**0.0012**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:39	1
Copper	**0.0048**		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:39	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:39	1
Vanadium	**0.00068**	**J**	0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:39	1
Zinc	**0.0048**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:39	1

Method: SW846 7470A - Mercury

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 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-LF-FB-11

Lab Sample ID: 680-261941-2

Date Collected: 02/13/25 16:05

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			02/20/25 19:49	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 19:49	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 19:49	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		02/17/25 06:11	02/17/25 20:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:35	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:35	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:35	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-LF-FB-11

Lab Sample ID: 680-261941-2
Date Collected: 02/13/25 16:05
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
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:35	1
Lead	**0.0020**		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:35	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:35	1

Method: SW846 7470A - Mercury

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 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-261941-3
Date Collected: 02/13/25 10:30
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			02/20/25 20:13	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 20:13	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 20:13	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 20:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:43	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:43	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:43	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:43	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:43	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:43	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:43	1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-261941-3

Date Collected: 02/13/25 10:30

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury

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 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-LF-EB-05

Lab Sample ID: 680-261941-4

Date Collected: 02/13/25 16:05

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			02/20/25 20:21	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 20:21	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 20:21	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 20:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:47	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:47	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:47	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:47	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:47	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:47	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:47	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:47	1

Method: SW846 7470A - Mercury

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 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-GWC-7

Lab Sample ID: 680-261941-5

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	**21**		2.0	0.40	mg/L			02/20/25 20:30	2
Fluoride	<0.080		0.20	0.080	mg/L			02/20/25 20:30	2
Sulfate	**36**		2.0	0.80	mg/L			02/20/25 20:30	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 10:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:43	1
Barium	**0.062**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:43	1
Boron	**0.027**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 19:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:43	1
Calcium	**38**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:43	1
Cobalt	**0.00057**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/19/25 10:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:43	1
Nickel	**0.0073**		0.0010	0.00042	mg/L		02/17/25 06:11	02/19/25 10:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/19/25 10:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:43	1
Vanadium	**0.0031**		0.0020	0.00063	mg/L		02/17/25 06:11	02/19/25 10:43	1
Zinc	**0.0028**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/19/25 10:43	1

Method: SW846 7470A - Mercury

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 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**320**		40	40	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-261941-6

Date Collected: 02/13/25 12:20

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	**4.5**		1.0	0.20	mg/L			02/20/25 20:38	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 20:38	1
Sulfate	**52**		5.0	2.0	mg/L			02/21/25 12:45	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 14:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:06	1
Barium	**0.036**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:06	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:06	1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-261941-6

Date Collected: 02/13/25 12:20
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
Calcium	**26**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:06	1
Cobalt	**0.0012**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:06	1
Copper	**0.0051**		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 14:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:06	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 14:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 14:06	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 14:06	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 14:06	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 14:06	1

Method: SW846 7470A - Mercury

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 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-261941-7

Date Collected: 02/13/25 14:25
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	**1.7**		1.0	0.20	mg/L			02/20/25 20:46	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 20:46	1
Sulfate	**0.84**	**J**	1.0	0.40	mg/L			02/20/25 20:46	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	02/17/25 20:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:15	1
Barium	**0.022**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:15	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:22	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:15	1
Calcium	**11**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:15	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:15	1
Vanadium	**0.0015**	**J**	0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:15	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:15	1

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-261941-7

Date Collected: 02/13/25 14:25

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury

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 10:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-261941-8

Date Collected: 02/13/25 15:40

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	2.1		1.0	0.20	mg/L			02/21/25 12:20	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 12:20	1
Sulfate	0.71	J	1.0	0.40	mg/L			02/21/25 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 20:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:19	1
Barium	0.045		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:19	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:19	1
Calcium	8.7		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:19	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:19	1
Nickel	0.00064	J	0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:19	1
Vanadium	0.00098	J	0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:19	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:19	1

Method: SW846 7470A - Mercury

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 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	96		10	10	mg/L			02/19/25 11:12	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-261941-9

Date Collected: 02/13/25 13:43

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	**3.7**		1.0	0.20	mg/L			02/21/25 12:53	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 12:53	1
Sulfate	**0.53**	**J**	1.0	0.40	mg/L			02/21/25 12:53	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 21:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:04	1
Barium	**0.036**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:04	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:04	1
Calcium	**1.7**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 21:04	1
Nickel	**0.00069**	**J**	0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:04	1

Method: SW846 7470A - Mercury

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 11:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**39**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-261941-10

Date Collected: 02/13/25 15:14

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	**1.7**		1.0	0.20	mg/L			02/21/25 13:02	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:02	1
Sulfate	**1.2**		1.0	0.40	mg/L			02/21/25 13:02	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 20:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:55	1
Barium	**0.0074**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:55	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:55	1

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-261941-10

Date Collected: 02/13/25 15:14

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
Calcium	**3.3**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:55	1
Vanadium	**0.00084**	**J**	0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:55	1

Method: SW846 7470A - Mercury

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 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**57**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-261941-11

Date Collected: 02/13/25 16:09

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 13:10	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:10	1
Sulfate	**1.3**		1.0	0.40	mg/L			02/21/25 13:10	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 20:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:51	1
Barium	**0.013**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:51	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:51	1
Calcium	**3.1**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:51	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:51	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:51	1
Nickel	**0.00067**	**J**	0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:51	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:51	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:51	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:51	1

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-261941-11

Date Collected: 02/13/25 16:09

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury

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 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**52**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-261941-12

Date Collected: 02/14/25 10:10

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	**14**		1.0	0.20	mg/L			02/21/25 13:18	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:18	1
Sulfate	**35**		1.0	0.40	mg/L			02/21/25 13:18	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 20:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 20:31	1
Barium	**0.039**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 20:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 20:31	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 14:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 20:31	1
Calcium	**31**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 20:31	1
Chromium	**0.0019**	**J**	0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 20:31	1
Cobalt	**0.0036**		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 20:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 20:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 20:31	1
Nickel	**0.0054**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 20:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 20:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 20:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 20:31	1
Vanadium	**0.0025**		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 20:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 20:31	1

Method: SW846 7470A - Mercury

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 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**220**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-261941-13

Date Collected: 02/14/25 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	**2.1**		1.0	0.20	mg/L			02/21/25 13:26	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:26	1
Sulfate	**1.3**		1.0	0.40	mg/L			02/21/25 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 21:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:24	1
Barium	**0.12**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:24	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:24	1
Calcium	**9.2**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:24	1
Cobalt	**0.00049**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:24	1
Lead	**0.0019**		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 21:24	1
Nickel	**0.0010**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:24	1
Zinc	**0.0048**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:24	1

Method: SW846 7470A - Mercury

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 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**77**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-261941-14

Date Collected: 02/14/25 09:50

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	**2.2**		1.0	0.20	mg/L			02/21/25 13:34	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:34	1
Sulfate	**0.65**	**J**	1.0	0.40	mg/L			02/21/25 13:34	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 21:20	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:20	1
Barium	**0.040**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:20	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:20	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:20	1

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-261941-14

Date Collected: 02/14/25 09:50

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
Calcium	**9.1**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:20	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:20	1
Cobalt	**0.00039**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:20	1
Copper	**0.0014**	**J**	0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:20	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/28/25 05:12	03/28/25 13:57	1
Nickel	**0.00093**	**J**	0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:20	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:20	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:20	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:20	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:20	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:20	1

Method: SW846 7470A - Mercury

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 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**99**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-261941-15

Date Collected: 02/14/25 09:15

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	**5.3**		1.0	0.20	mg/L			02/21/25 13:43	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:43	1
Sulfate	**0.57**	**J**	1.0	0.40	mg/L			02/21/25 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		02/17/25 06:11	02/17/25 21:08	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:08	1
Barium	**0.025**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:08	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:08	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:08	1
Calcium	**1.0**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:08	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:08	1
Cobalt	**0.0030**		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:08	1
Lead	**0.00029**	**J**	0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 21:08	1
Nickel	**0.0035**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:08	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:08	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:08	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:08	1
Zinc	**0.0076**		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:08	1

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-261941-15

Date Collected: 02/14/25 09:15

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury

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 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**26**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-GWC-25

Lab Sample ID: 680-261941-16

Date Collected: 02/14/25 10:06

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	**9.2**		1.0	0.20	mg/L			02/21/25 13:51	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:51	1
Sulfate	**6.3**		1.0	0.40	mg/L			02/21/25 13:51	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	02/17/25 21:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:00	1
Barium	**0.024**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:00	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:00	1
Calcium	**7.3**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:00	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:00	1
Cobalt	**0.0027**		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 21:00	1
Nickel	**0.0036**		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:00	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:00	1
Zinc	**0.0052**		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:00	1

Method: SW846 7470A - Mercury

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 11:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**75**		10	10	mg/L			02/20/25 06:33	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-LF-FD-06

Date Collected: 02/14/25 00:00
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-17

Matrix: Water

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			02/21/25 14:24	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 14:24	1
Sulfate	**0.75**	**J**	1.0	0.40	mg/L			02/21/25 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0011**	**J**	0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 21:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 21:28	1
Barium	**0.041**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 21:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 21:28	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 15:35	1
Cadmium	**0.000090**	**J**	0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 21:28	1
Calcium	**9.2**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 21:28	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 21:28	1
Cobalt	**0.00038**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 21:28	1
Copper	**0.0012**	**J**	0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 21:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		03/28/25 05:12	03/28/25 13:55	1
Nickel	**0.00088**	**J**	0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 21:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 21:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 21:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 21:28	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 21:28	1
Zinc	**0.0037**	**J**	0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 21:28	1

Method: SW846 7470A - Mercury

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 10:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/20/25 06:33	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

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

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: 680-261941-2 MS
Matrix: Water
Analysis Batch: 876527

Client Sample ID: WAN-LF-FB-11
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	10.3		mg/L		103	80 - 120
Fluoride	<0.040		2.00	2.10		mg/L		105	80 - 120
Sulfate	<0.40		10.0	9.91		mg/L		99	80 - 120

Lab Sample ID: 680-261941-2 MSD
Matrix: Water
Analysis Batch: 876527

Client Sample ID: WAN-LF-FB-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	<0.20		10.0	10.7		mg/L		107	80 - 120	4	15
Fluoride	<0.040		2.00	2.12		mg/L		106	80 - 120	1	15
Sulfate	<0.40		10.0	10.4		mg/L		104	80 - 120	5	15

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

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

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: 680-261941-8 MS
Matrix: Water
Analysis Batch: 876596

Client Sample ID: WAN-GWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.1		10.0	11.3		mg/L		91	80 - 120		
Fluoride	<0.040		2.00	1.74		mg/L		87	80 - 120		
Sulfate	0.71	J	10.0	10.1		mg/L		93	80 - 120		

Lab Sample ID: 680-261941-8 MSD
Matrix: Water
Analysis Batch: 876596

Client Sample ID: WAN-GWC-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	2.1		10.0	11.2		mg/L		91	80 - 120	0	15
Fluoride	<0.040		2.00	1.73		mg/L		87	80 - 120	0	15
Sulfate	0.71	J	10.0	10.1		mg/L		94	80 - 120	0	15

Lab Sample ID: 680-261941-17 MS
Matrix: Water
Analysis Batch: 876596

Client Sample ID: WAN-LF-FD-06
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: 680-261941-17 MSD
Matrix: Water
Analysis Batch: 876596

Client Sample ID: WAN-LF-FD-06
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

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-875900/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875900

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 19:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 19:42	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 19:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 19:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 19:42	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 19:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 19:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 19:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/17/25 06:11	02/17/25 19:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 19:42	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/17/25 06:11	02/17/25 19:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 19:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 19:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 19:42	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 19:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 19:42	1

Lab Sample ID: MB 680-875900/1-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875900

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 13:58	1

Lab Sample ID: LCS 680-875900/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0471		mg/L		94	80 - 120
Arsenic	0.100	0.0960		mg/L		96	80 - 120
Barium	0.100	0.0944		mg/L		94	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.400	0.394		mg/L		99	80 - 120
Cadmium	0.0500	0.0470		mg/L		94	80 - 120
Calcium	5.00	4.84		mg/L		97	80 - 120
Chromium	0.100	0.0942		mg/L		94	80 - 120
Cobalt	0.0500	0.0476		mg/L		95	80 - 120
Copper	0.101	0.0992		mg/L		98	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Nickel	0.100	0.0983		mg/L		98	80 - 120
Selenium	0.100	0.112		mg/L		112	80 - 120
Silver	0.0500	0.0488		mg/L		98	80 - 120
Thallium	0.0500	0.0460		mg/L		92	80 - 120
Vanadium	0.100	0.0931		mg/L		93	80 - 120
Zinc	0.100	0.0899		mg/L		90	80 - 120

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

Lab Sample ID: LCS 680-875900/2-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			0.400	0.400		mg/L		100	80 - 120		

Lab Sample ID: 400-270938-J-1-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.00034		0.0500	0.0518		mg/L		104	75 - 125		
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125		
Barium	<0.00089		0.100	0.105		mg/L		105	75 - 125		
Beryllium	<0.00020		0.0500	0.0499		mg/L		100	75 - 125		
Cadmium	<0.000078		0.0500	0.0522		mg/L		104	75 - 125		
Calcium	<0.14		5.00	5.09		mg/L		102	75 - 125		
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125		
Cobalt	<0.00022		0.0500	0.0535		mg/L		107	75 - 125		
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125		
Lead	<0.00021		0.500	0.549		mg/L		110	75 - 125		
Nickel	<0.00042		0.100	0.109		mg/L		109	75 - 125		
Selenium	<0.00099		0.100	0.107		mg/L		107	75 - 125		
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125		
Thallium	<0.00026		0.0500	0.0501		mg/L		100	75 - 125		
Vanadium	<0.00063		0.100	0.101		mg/L		101	75 - 125		
Zinc	<0.0028		0.100	0.0927		mg/L		93	75 - 125		

Lab Sample ID: 400-270938-J-1-B MS
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	<0.022		0.400	0.420		mg/L		105	75 - 125		

Lab Sample ID: 400-270938-J-1-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0528		mg/L		106	75 - 125	2	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	0	20
Barium	<0.00089		0.100	0.108		mg/L		108	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0537		mg/L		107	75 - 125	3	20
Calcium	<0.14		5.00	5.31		mg/L		106	75 - 125	4	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	2	20
Cobalt	<0.00022		0.0500	0.0550		mg/L		110	75 - 125	3	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	1	20
Lead	<0.00021		0.500	0.554		mg/L		111	75 - 125	1	20
Nickel	<0.00042		0.100	0.109		mg/L		109	75 - 125	0	20
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125	2	20
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125	1	20

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

Lab Sample ID: 400-270938-J-1-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	<0.00026		0.0500	0.0507		mg/L		101	75 - 125	1	20
Vanadium	<0.00063		0.100	0.104		mg/L		104	75 - 125	3	20
Zinc	<0.0028		0.100	0.0945		mg/L		95	75 - 125	2	20

Lab Sample ID: 400-270938-J-1-C MSD
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.400	0.440		mg/L		110	75 - 125	5	20

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

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
Copper	<0.0011		0.0020	0.0011	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
Nickel	<0.00042		0.0010	0.00042	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
Silver	<0.00039		0.0010	0.00039	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
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/19/25 09:28	1
Zinc	<0.0028		0.0050	0.0028	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		

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

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
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Selenium	0.100	0.0969		mg/L		97	80 - 120
Silver	0.0500	0.0510		mg/L		102	80 - 120
Thallium	0.0500	0.0489		mg/L		98	80 - 120
Vanadium	0.100	0.0944		mg/L		94	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

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

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
Copper	<0.0011		0.101	0.106		mg/L		105	75 - 125
Lead	<0.00021		0.500	0.536		mg/L		107	75 - 125
Nickel	0.00097	J	0.100	0.108		mg/L		107	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0537		mg/L		107	75 - 125
Thallium	<0.00026		0.0500	0.0524		mg/L		105	75 - 125
Vanadium	<0.00063		0.100	0.102		mg/L		102	75 - 125
Zinc	<0.0028		0.100	0.108		mg/L		108	75 - 125

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

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

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
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125	2	20
Lead	<0.00021		0.500	0.537		mg/L		107	75 - 125	0	20
Nickel	0.00097	J	0.100	0.109		mg/L		108	75 - 125	1	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	2	20
Silver	<0.00039		0.0500	0.0547		mg/L		109	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0528		mg/L		106	75 - 125	1	20
Vanadium	<0.00063		0.100	0.103		mg/L		103	75 - 125	1	20
Zinc	<0.0028		0.100	0.108		mg/L		108	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
Copper	<0.0011		0.0020	0.0011	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
Nickel	<0.00042		0.0010	0.00042	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
Silver	<0.00039		0.0010	0.00039	mg/L		02/17/25 06:11	02/17/25 13:35	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/17/25 13:35	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/17/25 06:11	02/17/25 13:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/17/25 06:11	02/17/25 13:35	1

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
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
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
Copper	0.101	0.109		mg/L		108	80 - 120
Lead	0.500	0.528		mg/L		106	80 - 120
Nickel	0.100	0.107		mg/L		107	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0507		mg/L		101	80 - 120
Thallium	0.0500	0.0576	^+	mg/L		115	80 - 120
Vanadium	0.100	0.102		mg/L		102	80 - 120
Zinc	0.100	0.105		mg/L		105	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
Copper	0.0023		0.101	0.111		mg/L		108	75 - 125
Lead	0.0019		0.500	0.548		mg/L		109	75 - 125
Nickel	0.0014		0.100	0.109		mg/L		108	75 - 125
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125
Silver	<0.00039		0.0500	0.0523		mg/L		105	75 - 125
Thallium	<0.00026	^+	0.0500	0.0587	^+	mg/L		117	75 - 125
Vanadium	<0.00063		0.100	0.106		mg/L		106	75 - 125
Zinc	0.0090		0.100	0.112		mg/L		103	75 - 125

Lab Sample ID: 752-29506-A-3-C MSD
Matrix: Water
Analysis Batch: 876142

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

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

Lab Sample ID: 752-29506-A-3-C MSD
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
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
Copper	0.0023		0.101	0.110		mg/L		106	75 - 125	1	20
Lead	0.0019		0.500	0.544		mg/L		108	75 - 125	1	20
Nickel	0.0014		0.100	0.107		mg/L		105	75 - 125	2	20
Selenium	<0.00099		0.100	0.110		mg/L		110	75 - 125	0	20
Silver	<0.00039		0.0500	0.0534		mg/L		107	75 - 125	2	20
Thallium	<0.00026	^+	0.0500	0.0579	^+	mg/L		116	75 - 125	1	20
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125	1	20
Zinc	0.0090		0.100	0.113		mg/L		104	75 - 125	1	20

Lab Sample ID: MB 680-879918/1-A
Matrix: Water
Analysis Batch: 880033

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 879918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		03/28/25 05:12	03/28/25 13:03	1

Lab Sample ID: LCS 680-879918/2-A
Matrix: Water
Analysis Batch: 880033

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 879918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.487		mg/L		97	80 - 120

Lab Sample ID: 680-263134-A-12-C MS
Matrix: Water
Analysis Batch: 880033

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 879918

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.00029	J	0.500	0.507		mg/L		101	75 - 125

Lab Sample ID: 680-263134-A-12-D MSD
Matrix: Water
Analysis Batch: 880033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 879918

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.00029	J	0.500	0.510		mg/L		102	75 - 125	0	20

Method: 7470A - Mercury

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

Lab Sample ID: 680-261943-H-17-E MS
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Matrix Spike
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-H-17-F MSD
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Matrix Spike Duplicate
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-H-25-C MS
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Matrix Spike
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-H-25-D MSD
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Matrix Spike Duplicate
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: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

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: 680-261941-5 DU
Matrix: Water
Analysis Batch: 876316

Client Sample ID: WAN-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	320			318		mg/L				0.6	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

Lab Sample ID: 680-261941-11 DU
Matrix: Water
Analysis Batch: 876411

Client Sample ID: WAN-GWC-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	52			50.0		mg/L				4	5

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

HPLC/IC

Analysis Batch: 876527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total/NA	Water	300.0-1993 R2.1	
680-261941-2	WAN-LF-FB-11	Total/NA	Water	300.0-1993 R2.1	
680-261941-3	WAN-LF-EB-04	Total/NA	Water	300.0-1993 R2.1	
680-261941-4	WAN-LF-EB-05	Total/NA	Water	300.0-1993 R2.1	
680-261941-5	WAN-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-261941-6	WAN-GWC-8	Total/NA	Water	300.0-1993 R2.1	
680-261941-7	WAN-GWC-17	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	
680-261941-2 MS	WAN-LF-FB-11	Total/NA	Water	300.0-1993 R2.1	
680-261941-2 MSD	WAN-LF-FB-11	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-6	WAN-GWC-8	Total/NA	Water	300.0-1993 R2.1	
680-261941-8	WAN-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-261941-9	WAN-GWC-26	Total/NA	Water	300.0-1993 R2.1	
680-261941-10	WAN-GWC-30	Total/NA	Water	300.0-1993 R2.1	
680-261941-11	WAN-GWC-34	Total/NA	Water	300.0-1993 R2.1	
680-261941-12	WAN-GWC-5	Total/NA	Water	300.0-1993 R2.1	
680-261941-13	WAN-GWC-19	Total/NA	Water	300.0-1993 R2.1	
680-261941-14	WAN-GWC-20	Total/NA	Water	300.0-1993 R2.1	
680-261941-15	WAN-GWC-24	Total/NA	Water	300.0-1993 R2.1	
680-261941-16	WAN-GWC-25	Total/NA	Water	300.0-1993 R2.1	
680-261941-17	WAN-LF-FD-06	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	
680-261941-8 MS	WAN-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-261941-8 MSD	WAN-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-261941-17 MS	WAN-LF-FD-06	Total/NA	Water	300.0-1993 R2.1	
680-261941-17 MSD	WAN-LF-FD-06	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 875900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total Recoverable	Water	3005A	
680-261941-2	WAN-LF-FB-11	Total Recoverable	Water	3005A	
680-261941-3	WAN-LF-EB-04	Total Recoverable	Water	3005A	
680-261941-4	WAN-LF-EB-05	Total Recoverable	Water	3005A	
680-261941-7	WAN-GWC-17	Total Recoverable	Water	3005A	
680-261941-8	WAN-GWC-18	Total Recoverable	Water	3005A	
680-261941-9	WAN-GWC-26	Total Recoverable	Water	3005A	
680-261941-10	WAN-GWC-30	Total Recoverable	Water	3005A	
680-261941-11	WAN-GWC-34	Total Recoverable	Water	3005A	
680-261941-12	WAN-GWC-5	Total Recoverable	Water	3005A	
680-261941-13	WAN-GWC-19	Total Recoverable	Water	3005A	
680-261941-14	WAN-GWC-20	Total Recoverable	Water	3005A	
680-261941-15	WAN-GWC-24	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 875900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-16	WAN-GWC-25	Total Recoverable	Water	3005A	
680-261941-17	WAN-LF-FD-06	Total Recoverable	Water	3005A	
MB 680-875900/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875900/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-270938-J-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-270938-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 875904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-5	WAN-GWC-7	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
680-261941-6	WAN-GWC-8	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
680-261941-6	WAN-GWC-8	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

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total Recoverable	Water	6020B	875900
680-261941-2	WAN-LF-FB-11	Total Recoverable	Water	6020B	875900
680-261941-3	WAN-LF-EB-04	Total Recoverable	Water	6020B	875900
680-261941-4	WAN-LF-EB-05	Total Recoverable	Water	6020B	875900
680-261941-7	WAN-GWC-17	Total Recoverable	Water	6020B	875900
680-261941-8	WAN-GWC-18	Total Recoverable	Water	6020B	875900
680-261941-9	WAN-GWC-26	Total Recoverable	Water	6020B	875900
680-261941-10	WAN-GWC-30	Total Recoverable	Water	6020B	875900
680-261941-11	WAN-GWC-34	Total Recoverable	Water	6020B	875900
680-261941-12	WAN-GWC-5	Total Recoverable	Water	6020B	875900
680-261941-13	WAN-GWC-19	Total Recoverable	Water	6020B	875900
680-261941-14	WAN-GWC-20	Total Recoverable	Water	6020B	875900
680-261941-15	WAN-GWC-24	Total Recoverable	Water	6020B	875900
680-261941-16	WAN-GWC-25	Total Recoverable	Water	6020B	875900
680-261941-17	WAN-LF-FD-06	Total Recoverable	Water	6020B	875900
MB 680-875900/1-A	Method Blank	Total Recoverable	Water	6020B	875900
LCS 680-875900/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875900
400-270938-J-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875900

Metals (Continued)

Analysis Batch: 876144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-270938-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875900

Analysis Batch: 876267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total Recoverable	Water	6020B	875900
680-261941-2	WAN-LF-FB-11	Total Recoverable	Water	6020B	875900
680-261941-3	WAN-LF-EB-04	Total Recoverable	Water	6020B	875900
680-261941-4	WAN-LF-EB-05	Total Recoverable	Water	6020B	875900
680-261941-5	WAN-GWC-7	Total Recoverable	Water	6020B	875904
680-261941-7	WAN-GWC-17	Total Recoverable	Water	6020B	875900
680-261941-8	WAN-GWC-18	Total Recoverable	Water	6020B	875900
680-261941-9	WAN-GWC-26	Total Recoverable	Water	6020B	875900
680-261941-10	WAN-GWC-30	Total Recoverable	Water	6020B	875900
680-261941-11	WAN-GWC-34	Total Recoverable	Water	6020B	875900
680-261941-12	WAN-GWC-5	Total Recoverable	Water	6020B	875900
680-261941-13	WAN-GWC-19	Total Recoverable	Water	6020B	875900
680-261941-14	WAN-GWC-20	Total Recoverable	Water	6020B	875900
680-261941-15	WAN-GWC-24	Total Recoverable	Water	6020B	875900
680-261941-16	WAN-GWC-25	Total Recoverable	Water	6020B	875900
680-261941-17	WAN-LF-FD-06	Total Recoverable	Water	6020B	875900
MB 680-875900/1-A	Method Blank	Total Recoverable	Water	6020B	875900
MB 680-875904/1-A	Method Blank	Total Recoverable	Water	6020B	875904
LCS 680-875900/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875900
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
400-270938-J-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875900
400-270938-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875900

Analysis Batch: 876418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-5	WAN-GWC-7	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: 876812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total/NA	Water	7470A	
680-261941-2	WAN-LF-FB-11	Total/NA	Water	7470A	
680-261941-3	WAN-LF-EB-04	Total/NA	Water	7470A	
680-261941-4	WAN-LF-EB-05	Total/NA	Water	7470A	
680-261941-5	WAN-GWC-7	Total/NA	Water	7470A	
680-261941-6	WAN-GWC-8	Total/NA	Water	7470A	
680-261941-8	WAN-GWC-18	Total/NA	Water	7470A	
680-261941-12	WAN-GWC-5	Total/NA	Water	7470A	
680-261941-14	WAN-GWC-20	Total/NA	Water	7470A	
680-261941-15	WAN-GWC-24	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	

Metals (Continued)

Prep Batch: 876812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-H-17-E MS	Matrix Spike	Total/NA	Water	7470A	
680-261943-H-17-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 876813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-7	WAN-GWC-17	Total/NA	Water	7470A	
680-261941-9	WAN-GWC-26	Total/NA	Water	7470A	
680-261941-10	WAN-GWC-30	Total/NA	Water	7470A	
680-261941-11	WAN-GWC-34	Total/NA	Water	7470A	
680-261941-13	WAN-GWC-19	Total/NA	Water	7470A	
680-261941-16	WAN-GWC-25	Total/NA	Water	7470A	
680-261941-17	WAN-LF-FD-06	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-H-25-C MS	Matrix Spike	Total/NA	Water	7470A	
680-261943-H-25-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 876960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total/NA	Water	7470A	876812
680-261941-2	WAN-LF-FB-11	Total/NA	Water	7470A	876812
680-261941-3	WAN-LF-EB-04	Total/NA	Water	7470A	876812
680-261941-4	WAN-LF-EB-05	Total/NA	Water	7470A	876812
680-261941-5	WAN-GWC-7	Total/NA	Water	7470A	876812
680-261941-6	WAN-GWC-8	Total/NA	Water	7470A	876812
680-261941-7	WAN-GWC-17	Total/NA	Water	7470A	876813
680-261941-8	WAN-GWC-18	Total/NA	Water	7470A	876812
680-261941-9	WAN-GWC-26	Total/NA	Water	7470A	876813
680-261941-10	WAN-GWC-30	Total/NA	Water	7470A	876813
680-261941-11	WAN-GWC-34	Total/NA	Water	7470A	876813
680-261941-12	WAN-GWC-5	Total/NA	Water	7470A	876812
680-261941-13	WAN-GWC-19	Total/NA	Water	7470A	876813
680-261941-14	WAN-GWC-20	Total/NA	Water	7470A	876812
680-261941-15	WAN-GWC-24	Total/NA	Water	7470A	876812
680-261941-16	WAN-GWC-25	Total/NA	Water	7470A	876813
680-261941-17	WAN-LF-FD-06	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-H-17-E MS	Matrix Spike	Total/NA	Water	7470A	876812
680-261943-H-17-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	876812
680-261943-H-25-C MS	Matrix Spike	Total/NA	Water	7470A	876813
680-261943-H-25-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	876813

Prep Batch: 879918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-14	WAN-GWC-20	Total Recoverable	Water	3005A	
680-261941-17	WAN-LF-FD-06	Total Recoverable	Water	3005A	
MB 680-879918/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-879918/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 879918 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263134-A-12-C MS	Matrix Spike	Total Recoverable	Water	3005A	
680-263134-A-12-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 880033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-14	WAN-GWC-20	Total Recoverable	Water	6020B	879918
680-261941-17	WAN-LF-FD-06	Total Recoverable	Water	6020B	879918
MB 680-879918/1-A	Method Blank	Total Recoverable	Water	6020B	879918
LCS 680-879918/2-A	Lab Control Sample	Total Recoverable	Water	6020B	879918
680-263134-A-12-C MS	Matrix Spike	Total Recoverable	Water	6020B	879918
680-263134-A-12-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	879918

General Chemistry

Analysis Batch: 876316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-1	WAN-LF-FD-05	Total/NA	Water	2540C-2011	
680-261941-2	WAN-LF-FB-11	Total/NA	Water	2540C-2011	
680-261941-3	WAN-LF-EB-04	Total/NA	Water	2540C-2011	
680-261941-4	WAN-LF-EB-05	Total/NA	Water	2540C-2011	
680-261941-5	WAN-GWC-7	Total/NA	Water	2540C-2011	
680-261941-6	WAN-GWC-8	Total/NA	Water	2540C-2011	
680-261941-7	WAN-GWC-17	Total/NA	Water	2540C-2011	
680-261941-8	WAN-GWC-18	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	
680-261941-5 DU	WAN-GWC-7	Total/NA	Water	2540C-2011	

Analysis Batch: 876411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-9	WAN-GWC-26	Total/NA	Water	2540C-2011	
680-261941-10	WAN-GWC-30	Total/NA	Water	2540C-2011	
680-261941-11	WAN-GWC-34	Total/NA	Water	2540C-2011	
680-261941-12	WAN-GWC-5	Total/NA	Water	2540C-2011	
680-261941-13	WAN-GWC-19	Total/NA	Water	2540C-2011	
680-261941-14	WAN-GWC-20	Total/NA	Water	2540C-2011	
680-261941-15	WAN-GWC-24	Total/NA	Water	2540C-2011	
680-261941-16	WAN-GWC-25	Total/NA	Water	2540C-2011	
680-261941-17	WAN-LF-FD-06	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	
680-261941-11 DU	WAN-GWC-34	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-LF-FD-05

Lab Sample ID: 680-261941-1

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	2 mL	2 mL	876527	02/20/25 19:16	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:39	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:47	BWR	EET SAV
	Instrument ID: ICPMSC									
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 12:40	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-11

Lab Sample ID: 680-261941-2

Date Collected: 02/13/25 16:05

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	2 mL	2 mL	876527	02/20/25 19:49	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:35	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:34	BWR	EET SAV
	Instrument ID: ICPMSC									
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 12:33	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-261941-3

Date Collected: 02/13/25 10:30

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	876527	02/20/25 20:13	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:43	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:51	BWR	EET SAV
	Instrument ID: ICPMSC									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-261941-3

Date Collected: 02/13/25 10:30

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	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:02	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-05

Lab Sample ID: 680-261941-4

Date Collected: 02/13/25 16:05

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	2 mL	2 mL	876527	02/20/25 20:21	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:47	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:55	BWR	EET SAV
	Instrument ID: ICPMSC									
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 12:24	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-7

Lab Sample ID: 680-261941-5

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		2	2 mL	2 mL	876527	02/20/25 20:30	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 19:19	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 10:43	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 12:21	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-261941-6

Date Collected: 02/13/25 12:20

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	2 mL	2 mL	876527	02/20/25 20:38	BS	EET SAV
	Instrument ID: CICR									
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	876596	02/21/25 12:45	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			876142	02/17/25 14:06	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 12:19	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-261941-7

Date Collected: 02/13/25 14:25

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	2 mL	2 mL	876527	02/20/25 20:46	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:15	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:22	BWR	EET SAV
	Instrument ID: ICPMSC									
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 10:59	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-261941-8

Date Collected: 02/13/25 15:40

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	2 mL	2 mL	876596	02/21/25 12:20	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:19	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:26	BWR	EET SAV
	Instrument ID: ICPMSC									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-261941-8

Date Collected: 02/13/25 15:40

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	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:31	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-261941-9

Date Collected: 02/13/25 13:43

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 12:53	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:04	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:11	BWR	EET SAV
	Instrument ID: ICPMSC									
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 11:20	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-261941-10

Date Collected: 02/13/25 15:14

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 13:02	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:55	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:03	BWR	EET SAV
	Instrument ID: ICPMSC									
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 11:18	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-261941-11

Date Collected: 02/13/25 16:09

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 13:10	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:51	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:59	BWR	EET SAV
	Instrument ID: ICPMSC									
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 11:13	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-261941-12

Date Collected: 02/14/25 10:10

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 13:18	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:31	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 14:30	BWR	EET SAV
	Instrument ID: ICPMSC									
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 11:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-261941-13

Date Collected: 02/14/25 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	2 mL	2 mL	876596	02/21/25 13:26	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:24	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:23	BWR	EET SAV
	Instrument ID: ICPMSC									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-261941-13

Date Collected: 02/14/25 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	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 11:15	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-261941-14

Date Collected: 02/14/25 09:50

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 13:34	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:20	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:19	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	879918	03/28/25 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880033	03/28/25 13:57	BWR	EET SAV
	Instrument ID: ICPMSG									
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 11:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-261941-15

Date Collected: 02/14/25 09:15

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	2 mL	2 mL	876596	02/21/25 13:43	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:08	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:15	BWR	EET SAV
	Instrument ID: ICPMSC									
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 12:09	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-1

Client Sample ID: WAN-GWC-25

Date Collected: 02/14/25 10:06
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876596	02/21/25 13:51	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:00	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:07	BWR	EET SAV
	Instrument ID: ICPMSC									
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 11:11	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FD-06

Date Collected: 02/14/25 00:00
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876596	02/21/25 14:24	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:28	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 15:35	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	879918	03/28/25 05:12	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880033	03/28/25 13:55	BWR	EET SAV
	Instrument ID: ICPMSG									
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 10:57	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	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: 680-261941-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-261941-1

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	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	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 TestAmerica, 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: J. Auld, C. Klamke, J. May (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

680-261941 Chain of Custody

Task_Code: WAN-CCR-ASSMT-2025S1

Special Instructions/Note: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4, & TDS (EPA 300.0 & SM 2540C)	Total	
			Preservation Code:				D	I		
WAN- LF-FD-05	02/13/25	—	G	WG ~~WS~~ FD	N	N	✓	✓	3	
WAN- LF-FB-11	02/13/25	1605	G	WQ	N	N	✓	✓	3	21260
WAN- LF-EB-04	02/13/25	1030	G	WQ	N	N	✓	✓	3	
WAN- LF-EB-05	02/13/25	1605	G	WQ	N	N	✓	✓	3	
WAN- GWC-7	02/13/25	1025	G	WG	N	N	✓	✓	3	
WAN- GWC-8	02/13/25	1220	G	WG	N	N	✓	✓	3	
WAN- GWC-17	02/13/25	1425	G	WG	N	N	✓	✓	3	
WAN- GWC-18	02/13/25	1540	G	WG	N	N	✓	✓	3	
WAN- GWC-26	02/13/25	1343	G	WG	N	N	✓	✓	3	
WAN- GWC-30	02/13/25	1514	G	WG	N	N	✓	✓	3	
WAN- GWC-34	02/13/25	1609	G	WG	N	N	✓	✓	3	

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

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

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

Special Instructions/QC Requirements:

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						
3					2/15/25 1020	

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

Cooler Temperature(s) °C and Other Remarks: 0.4/0.4 2.1/2.1 3.4, 21 #266

Eurofins TestAmerica, 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: J. May / H. Auld, C. Klamke, D. Johnson (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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:

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 and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	Task_Code: WAN-CCR-ASSMT-2025S1 Special Instructions/Note: APP III + State Permit Metals
			Preservation Code:				D	I		
WAN- GWC-5	02/14/25	1010	G	WG	N	N	✓	✓	3	
WAN- GWC-19	02/14/25	0945	G	WG	N	N	✓	✓	3	
WAN- GWC-20	02/14/25	0950	G	WG	N	N	✓	✓	3	21260
WAN- GWC-24	02/14/25	0915	G	WG	N	N	✓	✓	3	
WAN- GWC-25	02/14/25	1006	G	WG	N	N	✓	✓	3	
WAN- LF-FD-06	02/14/25	—	G	WG	N	N	✓	✓	3	
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		02-14-25 1322	ACC		2/14/25 13:22	
2		2/14/25				
3					2/15/25 1020	

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

Cooler Temperature(s) °C and Other Remarks: 0.4/0.4 3.1/2.1 — 5.4, 2.1 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261941-1

Login Number: 261941
List Number: 1
Creator: Munro, Caroline

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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/21/2025 6:23:47 AM Revision 1

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-262079-1

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
3/21/2025 6:23:47 AM
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 Landfill

Job ID: 680-262079-1

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.
F2	MS/MSD RPD 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.
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 Landfill

Job ID: 680-262079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262079-1	WAN-GWC-12	Water	02/17/25 12:13	02/21/25 11:00
680-262079-2	WAN-GWC-14	Water	02/17/25 14:35	02/21/25 11:00
680-262079-3	WAN-LF-FB-12	Water	02/17/25 12:35	02/21/25 11:00
680-262079-4	WAN-GWC-6	Water	02/18/25 14:44	02/21/25 11:00
680-262079-5	WAN-GWC-9	Water	02/18/25 14:05	02/21/25 11:00
680-262079-6	WAN-GWC-15	Water	02/18/25 10:20	02/21/25 11:00
680-262079-7	WAN-GWC-11	Water	02/18/25 12:31	02/21/25 11:00
680-262079-8	WAN-GWC-31	Water	02/18/25 09:19	02/21/25 11:00
680-262079-9	WAN-GWC-13	Water	02/18/25 11:58	02/21/25 11:00
680-262079-10	WAN-GWC-35	Water	02/18/25 10:42	02/21/25 11:00
680-262079-11	WAN-LF-FD-07	Water	02/18/25 00:00	02/21/25 11:00
680-262079-12	WAN-LF-FB-13	Water	02/18/25 14:30	02/21/25 11:00
680-262079-13	WAN-LF-EB-06	Water	02/18/25 10:50	02/21/25 11:00
680-262079-14	WAN-GWC-10	Water	02/19/25 09:45	02/21/25 11:00
680-262079-15	WAN-GWC-32	Water	02/19/25 12:23	02/21/25 11:00
680-262079-16	WAN-GWC-33	Water	02/19/25 15:16	02/21/25 11:00
680-262079-17	WAN-LF-EB-07	Water	02/19/25 12:45	02/21/25 11:00

Job Narrative
680-262079-1

Revision 1
The report being provided is a revision of the original report sent on 3/5/2025. The report (revision 1) is being revised due to: the need to re-analyze samples that had detecttable concxentrations of Boron due to detection of this analyte in the Method Blank.

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 2/21/2025 11:00 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 1.9°C and 2.3°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877077 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate 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 680-877077 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877229 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877353 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Metals
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-WGC-12 (680-262079-1) and WAN-WGC-14 (680-262079-2).

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

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-262079-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29**		2.0	0.40	mg/L			02/26/25 19:04	2
Fluoride	<0.080		0.20	0.080	mg/L			02/26/25 19:04	2
Sulfate	**37**		2.0	0.80	mg/L			02/26/25 19:04	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		02/24/25 06:20	02/24/25 14:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:43	1
Barium	**0.030**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:43	1
Boron	**0.14**		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:43	1
Calcium	**59**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:43	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:43	1
Vanadium	**0.00082**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:43	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:43	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**260**		40	40	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41**		5.0	1.0	mg/L			02/27/25 18:07	5
Fluoride	<0.20		0.50	0.20	mg/L			02/27/25 18:07	5
Sulfate	**7.8**		5.0	2.0	mg/L			02/27/25 18:07	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		02/24/25 06:20	02/24/25 14:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:49	1
Barium	**0.15**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:49	1
Beryllium	**0.00021**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:49	1
Boron	**0.39**		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:49	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:49	1
Cobalt	**0.34**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:49	1
Nickel	**0.019**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:49	1
Thallium	**0.00055**	**J**	0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:49	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:49	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:49	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**230**		40	40	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

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			02/26/25 19:23	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 19:23	1
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 19:23	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		02/24/25 06:20	02/24/25 14:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:55	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:55	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:41	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:55	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:55	1
Vanadium	**0.00074**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:55	1

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262079-4

Date Collected: 02/18/25 14:44

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.7**		1.0	0.20	mg/L			02/26/25 19:33	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 19:33	1
Sulfate	**12**		1.0	0.40	mg/L			02/26/25 19:33	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		02/24/25 06:20	02/24/25 14:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:57	1
Barium	**0.064**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:57	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:57	1
Calcium	**16**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:57	1
Cobalt	**0.0067**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:57	1
Nickel	**0.0050**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:57	1
Vanadium	**0.0015**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:57	1
Zinc	**0.0032**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:57	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:18	03/04/25 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262079-5

Date Collected: 02/18/25 14:05

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.1**		1.0	0.20	mg/L			02/27/25 18:17	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:17	1
Sulfate	**14**		1.0	0.40	mg/L			02/27/25 18:17	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		02/24/25 06:20	02/24/25 14:59	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:59	1
Barium	**0.070**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:59	1
Beryllium	**0.00048**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:59	1
Boron	**0.059**	**J**	0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:59	1
Calcium	**8.7**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:59	1
Chromium	**0.0017**	**J**	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:59	1
Cobalt	**0.022**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:59	1
Copper	**0.0015**	**J**	0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:59	1
Nickel	**0.011**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:59	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:59	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:59	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:59	1
Vanadium	**0.0020**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:59	1
Zinc	**0.016**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:59	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**75**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.9**		1.0	0.20	mg/L			02/27/25 18:26	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:26	1
Sulfate	**2.4**		1.0	0.40	mg/L			02/27/25 18:26	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		02/24/25 06:20	02/24/25 15:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:01	1
Barium	**0.010**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:01	1
Boron	**0.075**	**J**	0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:01	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**11**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:01	1
Vanadium	**0.0026**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:01	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

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			02/27/25 18:36	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:36	1
Sulfate	**1.6**		1.0	0.40	mg/L			02/27/25 18:36	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		02/24/25 06:20	02/24/25 14:31	1
Arsenic	**0.0010**		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:31	1
Barium	**0.20**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:31	1
Beryllium	**0.00041**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:31	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:31	1
Calcium	**8.8**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:31	1
Chromium	**0.0027**		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:31	1
Cobalt	**0.0035**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:31	1
Lead	**0.0022**		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:31	1
Nickel	**0.00055**	**J**	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:31	1
Vanadium	**0.0026**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:31	1
Zinc	**0.038**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:31	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262079-8

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.20	mg/L			02/27/25 18:46	1
Fluoride	1.3		0.10	0.040	mg/L			02/27/25 18:46	1
Sulfate	8.8		1.0	0.40	mg/L			02/27/25 18:46	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		02/24/25 06:20	02/24/25 14:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:33	1
Barium	0.0023	J	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:33	1
Beryllium	0.00068	J	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:33	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:00	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:33	1
Calcium	7.8		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:33	1
Chromium	0.0015	J	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:33	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:33	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:33	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:33	1
Nickel	0.00074	J	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:33	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:33	1
Vanadium	0.0014	J	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:33	1
Zinc	0.012		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:33	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	79		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262079-9

Date Collected: 02/18/25 11:58

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.20	mg/L			02/27/25 18:56	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:56	1
Sulfate	**2.3**		1.0	0.40	mg/L			02/27/25 18:56	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		02/24/25 06:20	02/24/25 14:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:35	1
Barium	**0.0038**	**J**	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:35	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:35	1
Calcium	**5.8**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:35	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:35	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**63**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25**		2.0	0.40	mg/L			02/27/25 19:05	2
Fluoride	<0.080		0.20	0.080	mg/L			02/27/25 19:05	2
Sulfate	**7.0**		2.0	0.80	mg/L			02/27/25 19:05	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		02/24/25 06:20	02/24/25 14:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:37	1
Barium	**0.065**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:37	1
Boron	**0.10**		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:37	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**7.7**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:37	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:37	1
Cobalt	**0.00054**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:37	1
Nickel	**0.0026**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:37	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:37	1
Zinc	**0.0032**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:37	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**82**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28**	**F1**	2.0	0.40	mg/L			02/28/25 16:15	2
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 19:15	1
Sulfate	**7.1**		1.0	0.40	mg/L			02/27/25 19:15	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		02/24/25 06:20	02/24/25 15:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:03	1
Barium	**0.067**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:03	1
Boron	**0.11**		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:03	1
Calcium	**7.5**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:03	1
Cobalt	**0.00044**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:03	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:03	1
Vanadium	**0.0028**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:03	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:03	1

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FB-13

Lab Sample ID: 680-262079-12

Date Collected: 02/18/25 14:30

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20	F1 F2	1.0	0.20	mg/L			02/27/25 19:45	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			02/27/25 19:45	1
Sulfate	<0.40	F1 F2	1.0	0.40	mg/L			02/27/25 19:45	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		02/24/25 06:20	02/24/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:05	1
Vanadium	**0.0022**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:05	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-262079-13

Date Collected: 02/18/25 10:50

Matrix: Water

Date Received: 02/21/25 11:00

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			02/27/25 20:14	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 20:14	1
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 20:14	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		02/24/25 06:20	02/24/25 15:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:07	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:07	1
Calcium	**0.17**	**J**	0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:07	1
Lead	**0.0013**		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:07	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:07	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		1.0	0.20	mg/L			02/27/25 20:24	1
Fluoride	**0.66**		0.10	0.040	mg/L			02/27/25 20:24	1
Sulfate	**10**		1.0	0.40	mg/L			02/27/25 20:24	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		02/24/25 06:20	02/24/25 15:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:09	1
Barium	**0.026**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:09	1
Beryllium	**0.00025**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:09	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:09	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**16**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:09	1
Cobalt	**0.0041**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:09	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:09	1
Vanadium	**0.0027**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:09	1
Zinc	**0.0066**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:09	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

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			02/28/25 12:42	1
Fluoride	**2.2**		0.10	0.040	mg/L			02/28/25 12:42	1
Sulfate	**7.2**		1.0	0.40	mg/L			02/28/25 12:42	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		02/24/25 06:20	02/24/25 15:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:11	1
Barium	**0.0012**	**J**	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:11	1
Beryllium	**0.0011**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:11	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:11	1
Calcium	**7.6**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:11	1
Vanadium	**0.0037**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:11	1
Zinc	**0.025**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:11	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	80		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-262079-16

Date Collected: 02/19/25 15:16

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.20	mg/L			02/28/25 13:11	1
Fluoride	1.7		0.10	0.040	mg/L			02/28/25 13:11	1
Sulfate	8.6		1.0	0.40	mg/L			02/28/25 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 15:13	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:13	1
Barium	0.0067	J	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:13	1
Beryllium	0.00046	J	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:13	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 12:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:13	1
Calcium	18		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:13	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:13	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:13	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:13	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:13	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:13	1
Vanadium	0.0031		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:13	1
Zinc	0.0032	J	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:13	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	95		10	10	mg/L			02/25/25 18:04	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-EB-07

Date Collected: 02/19/25 12:45
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262079-17

Matrix: Water

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			02/28/25 13:21	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 13:21	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 13:21	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		02/24/25 06:20	02/24/25 15:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:18	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:18	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:18	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:18	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:18	1
Vanadium	**0.0017**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:18	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:18	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/25/25 18:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877077/2
Matrix: Water
Analysis Batch: 877077

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			02/26/25 11:44	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 11:44	1
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 11:44	1

Lab Sample ID: LCS 680-877077/3
Matrix: Water
Analysis Batch: 877077

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	9.96		mg/L		100	90 - 110
Fluoride	2.00	2.02		mg/L		101	90 - 110
Sulfate	10.0	10.8		mg/L		108	90 - 110

Lab Sample ID: LCSD 680-877077/4
Matrix: Water
Analysis Batch: 877077

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	9.96		mg/L		100	90 - 110	0	15
Fluoride	2.00	2.01		mg/L		101	90 - 110	1	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	1	15

Lab Sample ID: 680-262055-F-15 MS
Matrix: Water
Analysis Batch: 877077

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	17	F1 F2	10.0	24.5	E F1	mg/L		78	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.63		mg/L		81	80 - 120
Sulfate	170	E	10.0	177	E 4	mg/L		109	80 - 120

Lab Sample ID: 680-262055-F-15 MSD
Matrix: Water
Analysis Batch: 877077

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	17	F1 F2	10.0	19.5	F1 F2	mg/L		28	80 - 120	23	15
Fluoride	<0.040	F1 F2	2.00	0.604	F1 F2	mg/L		30	80 - 120	92	15
Sulfate	170	E	10.0	169	E 4	mg/L		31	80 - 120	5	15

Lab Sample ID: MB 680-877229/2
Matrix: Water
Analysis Batch: 877229

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			02/27/25 10:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 10:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 10:15	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877229/3
Matrix: Water
Analysis Batch: 877229

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	9.99		mg/L		100	90 - 110		
Fluoride			2.00	2.05		mg/L		103	90 - 110		
Sulfate			10.0	11.0		mg/L		110	90 - 110		

Lab Sample ID: LCSD 680-877229/4
Matrix: Water
Analysis Batch: 877229

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	9.98		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: 680-262079-12 MS
Matrix: Water
Analysis Batch: 877229

Client Sample ID: WAN-LF-FB-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<0.20	F1 F2	10.0	7.09	F1	mg/L		71	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.44	F1	mg/L		72	80 - 120		
Sulfate	<0.40	F1 F2	10.0	6.22	F1	mg/L		62	80 - 120		

Lab Sample ID: 680-262079-12 MSD
Matrix: Water
Analysis Batch: 877229

Client Sample ID: WAN-LF-FB-13
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	F1 F2	10.0	9.89	F2	mg/L		99	80 - 120	33	15
Fluoride	<0.040	F1 F2	2.00	2.04	F2	mg/L		102	80 - 120	34	15
Sulfate	<0.40	F1 F2	10.0	11.1	F2	mg/L		111	80 - 120	56	15

Lab Sample ID: MB 680-877352/2
Matrix: Water
Analysis Batch: 877352

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			02/28/25 11:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 11:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 11:15	1

Lab Sample ID: LCS 680-877352/3
Matrix: Water
Analysis Batch: 877352

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	9.16		mg/L		92	90 - 110		
Fluoride			2.00	1.93		mg/L		96	90 - 110		
Sulfate			10.0	9.66		mg/L		97	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-877352/4
Matrix: Water
Analysis Batch: 877352

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	9.03		mg/L		90	90 - 110	1	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	2	15
Sulfate			10.0	9.43		mg/L		94	90 - 110	2	15

Lab Sample ID: 680-262079-15 MS
Matrix: Water
Analysis Batch: 877352

Client Sample ID: WAN-GWC-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.1		10.0	10.4		mg/L		94	80 - 120		
Fluoride	2.2		2.00	4.00		mg/L		92	80 - 120		
Sulfate	7.2		10.0	17.1		mg/L		98	80 - 120		

Lab Sample ID: 680-262079-15 MSD
Matrix: Water
Analysis Batch: 877352

Client Sample ID: WAN-GWC-32
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		10.0	9.25		mg/L		82	80 - 120	12	15
Fluoride	2.2		2.00	3.76		mg/L		80	80 - 120	6	15
Sulfate	7.2		10.0	15.7		mg/L		84	80 - 120	8	15

Lab Sample ID: MB 680-877353/2
Matrix: Water
Analysis Batch: 877353

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			02/28/25 10:07	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 10:07	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 10:07	1

Lab Sample ID: LCS 680-877353/3
Matrix: Water
Analysis Batch: 877353

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	9.39		mg/L		94	90 - 110		
Sulfate			10.0	10.5		mg/L		105	90 - 110		

Lab Sample ID: LCSD 680-877353/4
Matrix: Water
Analysis Batch: 877353

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	9.78		mg/L		98	90 - 110	4	15
Sulfate			10.0	10.8		mg/L		108	90 - 110	3	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262079-11 MS
Matrix: Water
Analysis Batch: 877353

Client Sample ID: WAN-LF-FD-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28	F1	20.0	43.6	E F1	mg/L		79	80 - 120

Lab Sample ID: 680-262079-11 MSD
Matrix: Water
Analysis Batch: 877353

Client Sample ID: WAN-LF-FD-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	28	F1	20.0	42.5	E F1	mg/L		74	80 - 120	3	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876734/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 14:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:39	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:39	1
Boron	0.0251	J	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:39	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:39	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:39	1

Lab Sample ID: MB 680-876734/1-A
Matrix: Water
Analysis Batch: 879264

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/19/25 11:24	1

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0474		mg/L		95	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.100	0.0946		mg/L		95	80 - 120
Beryllium	0.0500	0.0484		mg/L		97	80 - 120

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

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.390		mg/L		98	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Calcium	5.00	4.87		mg/L		97	80 - 120
Chromium	0.100	0.0991		mg/L		99	80 - 120
Cobalt	0.0500	0.0453		mg/L		91	80 - 120
Copper	0.101	0.0919		mg/L		91	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Nickel	0.100	0.0916		mg/L		92	80 - 120
Selenium	0.100	0.0961		mg/L		96	80 - 120
Silver	0.0500	0.0481		mg/L		96	80 - 120
Thallium	0.0500	0.0499		mg/L		100	80 - 120
Vanadium	0.100	0.0975		mg/L		98	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 879264

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.390		mg/L		98	80 - 120

Lab Sample ID: 680-262079-1 MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0519		mg/L		104	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.030		0.100	0.134		mg/L		105	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125
Calcium	59		5.00	60.7	4	mg/L		43	75 - 125
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Cobalt	<0.00022		0.0500	0.0497		mg/L		99	75 - 125
Copper	<0.0011		0.101	0.0990		mg/L		98	75 - 125
Lead	<0.00021		0.500	0.529		mg/L		106	75 - 125
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125
Silver	<0.00039		0.0500	0.0529		mg/L		106	75 - 125
Thallium	<0.00026		0.0500	0.0550		mg/L		110	75 - 125
Vanadium	0.00082	J	0.100	0.107		mg/L		107	75 - 125
Zinc	<0.0028		0.100	0.123		mg/L		123	75 - 125

Lab Sample ID: 680-262079-1 MS
Matrix: Water
Analysis Batch: 879264

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.14		0.400	0.545		mg/L		102	75 - 125

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

Lab Sample ID: 680-262079-1 MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	4	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	0	20
Barium	0.030		0.100	0.130		mg/L		100	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0533		mg/L		107	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0533		mg/L		107	75 - 125	1	20
Calcium	59		5.00	59.0	4	mg/L		9	75 - 125	3	20
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0482		mg/L		96	75 - 125	3	20
Copper	<0.0011		0.101	0.0969		mg/L		96	75 - 125	2	20
Lead	<0.00021		0.500	0.515		mg/L		103	75 - 125	3	20
Nickel	<0.00042		0.100	0.0970		mg/L		97	75 - 125	3	20
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	4	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0532		mg/L		106	75 - 125	3	20
Vanadium	0.00082	J	0.100	0.105		mg/L		104	75 - 125	2	20
Zinc	<0.0028		0.100	0.105		mg/L		105	75 - 125	16	20

Lab Sample ID: 680-262079-1 MSD
Matrix: Water
Analysis Batch: 879264

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.14		0.400	0.527		mg/L		97	75 - 125	3	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-877713/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:36	1

Lab Sample ID: LCS 680-877713/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877713

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00249		mg/L		99	80 - 120		

Lab Sample ID: 680-262079-9 MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: WAN-GWC-13
Prep Type: Total/NA
Prep Batch: 877713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000995		mg/L		99	80 - 120		

Method: 7470A - Mercury (Continued)

Lab Sample ID: 680-262079-9 MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: WAN-GWC-13
Prep Type: Total/NA
Prep Batch: 877713

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	0	20

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00251		mg/L		100	80 - 120		

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

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: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876657/1
Matrix: Water
Analysis Batch: 876657

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			02/21/25 14:35	1

Lab Sample ID: LCS 680-876657/2
Matrix: Water
Analysis Batch: 876657

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		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-876657/3
Matrix: Water
Analysis Batch: 876657

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	2390		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-262079-1 DU
Matrix: Water
Analysis Batch: 876657

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

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	260			248		mg/L				5	5

Lab Sample ID: 680-262079-2 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: WAN-GWC-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	230			230		mg/L				2	5

Lab Sample ID: MB 680-876844/1
Matrix: Water
Analysis Batch: 876844

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			02/24/25 17:56	1

Lab Sample ID: LCS 680-876844/2
Matrix: Water
Analysis Batch: 876844

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 680-876844/3
Matrix: Water
Analysis Batch: 876844

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	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262055-C-4 DU
Matrix: Water
Analysis Batch: 876844

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	310			318		mg/L				1	5

Lab Sample ID: MB 680-877013/1
Matrix: Water
Analysis Batch: 877013

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			02/25/25 18:04	1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: LCS 680-877013/2
Matrix: Water
Analysis Batch: 877013

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	2440		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-877013/3
Matrix: Water
Analysis Batch: 877013

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: 680-262055-C-15 DU
Matrix: Water
Analysis Batch: 877013

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	320			316		mg/L				0	5

Lab Sample ID: 680-262134-B-2 DU
Matrix: Water
Analysis Batch: 877013

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	720			708		mg/L				2	5

HPLC/IC

Analysis Batch: 877077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	300.0-1993 R2.1	
680-262079-4	WAN-GWC-6	Total/NA	Water	300.0-1993 R2.1	
MB 680-877077/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877077/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877077/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262055-F-15 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262055-F-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-2	WAN-GWC-14	Total/NA	Water	300.0-1993 R2.1	
680-262079-5	WAN-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-262079-6	WAN-GWC-15	Total/NA	Water	300.0-1993 R2.1	
680-262079-7	WAN-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-262079-8	WAN-GWC-31	Total/NA	Water	300.0-1993 R2.1	
680-262079-9	WAN-GWC-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-10	WAN-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
680-262079-12	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	300.0-1993 R2.1	
680-262079-14	WAN-GWC-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-877229/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877229/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877229/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-12 MS	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-12 MSD	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-15	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262079-16	WAN-GWC-33	Total/NA	Water	300.0-1993 R2.1	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	300.0-1993 R2.1	
MB 680-877352/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877352/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877352/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-15 MS	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262079-15 MSD	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-11	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
MB 680-877353/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877353/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877353/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-11 MS	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
680-262079-11 MSD	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Metals

Prep Batch: 876734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total Recoverable	Water	3005A	
680-262079-2	WAN-GWC-14	Total Recoverable	Water	3005A	
680-262079-3	WAN-LF-FB-12	Total Recoverable	Water	3005A	
680-262079-4	WAN-GWC-6	Total Recoverable	Water	3005A	
680-262079-5	WAN-GWC-9	Total Recoverable	Water	3005A	
680-262079-6	WAN-GWC-15	Total Recoverable	Water	3005A	
680-262079-7	WAN-GWC-11	Total Recoverable	Water	3005A	
680-262079-8	WAN-GWC-31	Total Recoverable	Water	3005A	
680-262079-9	WAN-GWC-13	Total Recoverable	Water	3005A	
680-262079-10	WAN-GWC-35	Total Recoverable	Water	3005A	
680-262079-11	WAN-LF-FD-07	Total Recoverable	Water	3005A	
680-262079-12	WAN-LF-FB-13	Total Recoverable	Water	3005A	
680-262079-13	WAN-LF-EB-06	Total Recoverable	Water	3005A	
680-262079-14	WAN-GWC-10	Total Recoverable	Water	3005A	
680-262079-15	WAN-GWC-32	Total Recoverable	Water	3005A	
680-262079-16	WAN-GWC-33	Total Recoverable	Water	3005A	
680-262079-17	WAN-LF-EB-07	Total Recoverable	Water	3005A	
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262079-1 MS	WAN-GWC-12	Total Recoverable	Water	3005A	
680-262079-1 MSD	WAN-GWC-12	Total Recoverable	Water	3005A	

Analysis Batch: 876876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-2	WAN-GWC-14	Total Recoverable	Water	6020B	876734
680-262079-3	WAN-LF-FB-12	Total Recoverable	Water	6020B	876734
680-262079-4	WAN-GWC-6	Total Recoverable	Water	6020B	876734
680-262079-5	WAN-GWC-9	Total Recoverable	Water	6020B	876734
680-262079-6	WAN-GWC-15	Total Recoverable	Water	6020B	876734
680-262079-7	WAN-GWC-11	Total Recoverable	Water	6020B	876734
680-262079-8	WAN-GWC-31	Total Recoverable	Water	6020B	876734
680-262079-9	WAN-GWC-13	Total Recoverable	Water	6020B	876734
680-262079-10	WAN-GWC-35	Total Recoverable	Water	6020B	876734
680-262079-11	WAN-LF-FD-07	Total Recoverable	Water	6020B	876734
680-262079-12	WAN-LF-FB-13	Total Recoverable	Water	6020B	876734
680-262079-13	WAN-LF-EB-06	Total Recoverable	Water	6020B	876734
680-262079-14	WAN-GWC-10	Total Recoverable	Water	6020B	876734
680-262079-15	WAN-GWC-32	Total Recoverable	Water	6020B	876734
680-262079-16	WAN-GWC-33	Total Recoverable	Water	6020B	876734
680-262079-17	WAN-LF-EB-07	Total Recoverable	Water	6020B	876734
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	6020B	876734
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876734
680-262079-1 MS	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-1 MSD	WAN-GWC-12	Total Recoverable	Water	6020B	876734

Prep Batch: 877713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	7470A	
680-262079-2	WAN-GWC-14	Total/NA	Water	7470A	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 877713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-6	WAN-GWC-15	Total/NA	Water	7470A	
680-262079-7	WAN-GWC-11	Total/NA	Water	7470A	
680-262079-8	WAN-GWC-31	Total/NA	Water	7470A	
680-262079-9	WAN-GWC-13	Total/NA	Water	7470A	
680-262079-10	WAN-GWC-35	Total/NA	Water	7470A	
680-262079-12	WAN-LF-FB-13	Total/NA	Water	7470A	
680-262079-14	WAN-GWC-10	Total/NA	Water	7470A	
680-262079-15	WAN-GWC-32	Total/NA	Water	7470A	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	7470A	
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262079-9 MS	WAN-GWC-13	Total/NA	Water	7470A	
680-262079-9 MSD	WAN-GWC-13	Total/NA	Water	7470A	

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-4	WAN-GWC-6	Total/NA	Water	7470A	
680-262079-5	WAN-GWC-9	Total/NA	Water	7470A	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	7470A	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	7470A	
680-262079-16	WAN-GWC-33	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	7470A	877713
680-262079-2	WAN-GWC-14	Total/NA	Water	7470A	877713
680-262079-3	WAN-LF-FB-12	Total/NA	Water	7470A	877713
680-262079-4	WAN-GWC-6	Total/NA	Water	7470A	877714
680-262079-5	WAN-GWC-9	Total/NA	Water	7470A	877714
680-262079-6	WAN-GWC-15	Total/NA	Water	7470A	877713
680-262079-7	WAN-GWC-11	Total/NA	Water	7470A	877713
680-262079-8	WAN-GWC-31	Total/NA	Water	7470A	877713
680-262079-9	WAN-GWC-13	Total/NA	Water	7470A	877713
680-262079-10	WAN-GWC-35	Total/NA	Water	7470A	877713
680-262079-11	WAN-LF-FD-07	Total/NA	Water	7470A	877714
680-262079-12	WAN-LF-FB-13	Total/NA	Water	7470A	877713
680-262079-13	WAN-LF-EB-06	Total/NA	Water	7470A	877714
680-262079-14	WAN-GWC-10	Total/NA	Water	7470A	877713
680-262079-15	WAN-GWC-32	Total/NA	Water	7470A	877713
680-262079-16	WAN-GWC-33	Total/NA	Water	7470A	877714
680-262079-17	WAN-LF-EB-07	Total/NA	Water	7470A	877713
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	877713
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	877713
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262079-9 MS	WAN-GWC-13	Total/NA	Water	7470A	877713
680-262079-9 MSD	WAN-GWC-13	Total/NA	Water	7470A	877713

Metals (Continued)

Analysis Batch: 877813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714

Analysis Batch: 879264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-2	WAN-GWC-14	Total Recoverable	Water	6020B	876734
680-262079-3	WAN-LF-FB-12	Total Recoverable	Water	6020B	876734
680-262079-4	WAN-GWC-6	Total Recoverable	Water	6020B	876734
680-262079-5	WAN-GWC-9	Total Recoverable	Water	6020B	876734
680-262079-6	WAN-GWC-15	Total Recoverable	Water	6020B	876734
680-262079-7	WAN-GWC-11	Total Recoverable	Water	6020B	876734
680-262079-8	WAN-GWC-31	Total Recoverable	Water	6020B	876734
680-262079-9	WAN-GWC-13	Total Recoverable	Water	6020B	876734
680-262079-10	WAN-GWC-35	Total Recoverable	Water	6020B	876734
680-262079-11	WAN-LF-FD-07	Total Recoverable	Water	6020B	876734
680-262079-14	WAN-GWC-10	Total Recoverable	Water	6020B	876734
680-262079-15	WAN-GWC-32	Total Recoverable	Water	6020B	876734
680-262079-16	WAN-GWC-33	Total Recoverable	Water	6020B	876734
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	6020B	876734
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876734
680-262079-1 MS	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-1 MSD	WAN-GWC-12	Total Recoverable	Water	6020B	876734

General Chemistry

Analysis Batch: 876657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	2540C-2011	
680-262079-2	WAN-GWC-14	Total/NA	Water	2540C-2011	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	2540C-2011	
680-262079-4	WAN-GWC-6	Total/NA	Water	2540C-2011	
680-262079-5	WAN-GWC-9	Total/NA	Water	2540C-2011	
680-262079-6	WAN-GWC-15	Total/NA	Water	2540C-2011	
680-262079-7	WAN-GWC-11	Total/NA	Water	2540C-2011	
680-262079-8	WAN-GWC-31	Total/NA	Water	2540C-2011	
680-262079-9	WAN-GWC-13	Total/NA	Water	2540C-2011	
680-262079-10	WAN-GWC-35	Total/NA	Water	2540C-2011	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	2540C-2011	
MB 680-876657/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876657/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876657/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262079-1 DU	WAN-GWC-12	Total/NA	Water	2540C-2011	
680-262079-2 DU	WAN-GWC-14	Total/NA	Water	2540C-2011	

Analysis Batch: 876844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-12	WAN-LF-FB-13	Total/NA	Water	2540C-2011	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	2540C-2011	
MB 680-876844/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876844/2	Lab Control Sample	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 876844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-876844/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-C-4 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-14	WAN-GWC-10	Total/NA	Water	2540C-2011	
680-262079-15	WAN-GWC-32	Total/NA	Water	2540C-2011	
680-262079-16	WAN-GWC-33	Total/NA	Water	2540C-2011	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	2540C-2011	
MB 680-877013/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877013/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877013/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-C-15 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262134-B-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-262079-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

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	877077	02/26/25 19:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:29	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:13	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:07	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:39	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

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	877077	02/26/25 19:23	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:41	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:55	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3
Date Collected: 02/17/25 12:35
Matrix: Water
Date Received: 02/21/25 11:00

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	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:09	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262079-4
Date Collected: 02/18/25 14:44
Matrix: Water
Date Received: 02/21/25 11:00

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	877077	02/26/25 19:33	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:44	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:57	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:29	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262079-5
Date Collected: 02/18/25 14:05
Matrix: Water
Date Received: 02/21/25 11:00

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	877229	02/27/25 18:17	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:47	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:58	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:26	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:54	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:16	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:36	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 11:57	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:31	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:25	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262079-8

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:46	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:00	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:33	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262079-8

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

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	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:59	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262079-9

Date Collected: 02/18/25 11:58

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:56	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:02	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:35	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:40	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:05	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:05	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:37	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:11	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:15	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	877353	02/28/25 16:15	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:07	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-13

Lab Sample ID: 680-262079-12

Date Collected: 02/18/25 14:30

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:45	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:57	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-262079-13

Date Collected: 02/18/25 10:50

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 20:14	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:51	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-262079-13
Date Collected: 02/18/25 10:50
Matrix: Water
Date Received: 02/21/25 11:00

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	876844	02/24/25 17:56	PG	EET SAV

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14
Date Collected: 02/19/25 09:45
Matrix: Water
Date Received: 02/21/25 11:00

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	877229	02/27/25 20:24	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:15	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15
Date Collected: 02/19/25 12:23
Matrix: Water
Date Received: 02/21/25 11:00

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	877352	02/28/25 12:42	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:18	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:11	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-33

Date Collected: 02/19/25 15:16
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262079-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 13:11	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879264	03/19/25 12:25	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:13	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:00	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-07

Date Collected: 02/19/25 12:45
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262079-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877352	02/28/25 13:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:18	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:47	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	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: 680-262079-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-262079-1

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	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	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 TestAmerica, 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: H. Auld, C. Klamke (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of 2
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2
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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			Task_Code: WAN-CCR-ASSMT-2025S1

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 and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO_4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	Special Instructions/Note: APP III + State Permit Metals
			Preservation Code:				D	I		
WAN- GWC-12	02/17/25	1213	G	WG	N	N	✓	✓	3	
WAN- GWC-14	02/17/25	1435	G	WG	N	N	✓	✓	3	
WAN- LF-FB-12	02/17/25	1235	G	WG	N	N	✓	✓	3	21788
WAN- GWC-6	02/18/25	1444	G	WG	N	N	✓	✓	3	
WAN- GWC-9	02/18/25	1405	G	WG	N	N	✓	✓	3	
WAN- GWC-15	02/18/25	1020	G	WG	N	N	✓	✓	3	
WAN- GWC-11	02/18/25	1231	G	WG	N	N	✓	✓	3	
WAN- GWC-31	02/18/25	0919	G	WG	N	N	✓	✓	3	
WAN- GWC-13	02/18/25	1158	G	WG	N	N	✓	✓	3	
WAN- GWC-35	02/18/25	1042	G	WG	N	N	✓	✓	3	
WAN- LF-FD-07	02/18/25	—	G	WG	N	N	✓	✓	3	

680-262079 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		2/19/25 1821	ACC		2/19/25 18:21	
2		2/20/25			2/21/25 1100	
3				2.3/2.3	1.9/1.9	

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

Cooler Temperature(s) °C and Other Remarks: 1.0, 1.1, 1.1 #2665

Ver: 01/16/2019
3/21/2025 (Rev. 1)

Eurofins TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4 & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	
			Preservation Code:				D	I		
WAN- LF-FB-13	02/18/25	1430	G	WQ	N	N	✓	✓	3	
WAN- LF-EB-06	02/18/25	1050	G	WQ	N	N	✓	✓	3	21788
WAN- GWC-10	02/19/25	0945	G	WG	N	N	✓	✓	3	
WAN- GWC-32	02/19/25	1223	G	WG	N	N	✓	✓	3	
WAN- GWC-33	02/19/25	1516	G	WG	N	N	✓	✓	3	HNO3 (2) * Please use volume from TDS for Cl, F, SO *4
WAN- LF-EB-07	02/19/25	1245	G	WQ	N	N	✓	✓	3	
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 2/19/25 1821	Company ACC	Received by:	Date/Time: 2/19/25 18:21	Company
Relinquished by:	Date/Time: 2/20/25	Company	Received by:	Date/Time: 2/21/25 1100	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/23/25 1.9/1.9	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.0, 1.1, 1.1 #2665

Ver: 01/16/2019
3/21/2025 (Rev. 1)

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262079-1

Login Number: 262079
List Number: 1
Creator: Faught, Timothy

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.	False	
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 3/21/2025 6:31:02 AM Revision 2

JOB DESCRIPTION

Plant Wansley Landfill-Surface Waters

JOB NUMBER

680-262088-1

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
3/21/2025 6:31:02 AM
Revision 2

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 Landfill-Surface Waters

Job ID: 680-262088-1

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

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-262088-1
Project/Site: Plant Wansley Landfill-Surface Waters

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262088-1	WAN-SWC-5	Water	02/17/25 16:32	02/21/25 11:00
680-262088-2	WAN-SWC-7	Water	02/17/25 16:15	02/21/25 11:00
680-262088-3	WAN-SWA-1	Water	02/18/25 16:20	02/21/25 11:00
680-262088-4	WAN-SWA-6	Water	02/18/25 15:58	02/21/25 11:00
680-262088-5	WAN-SWC-3	Water	02/18/25 15:39	02/21/25 11:00

Job Narrative
680-262088-1

Revision 1
The report being provided is a revision of the original report sent on 3/7/2025. The report (revision 1) is being revised due to: the need to re-analyze samples that had detecttable concxentrations of Boron due to detection of this analyte in the Method Blank.

Report revision history
Revision 1 - 3/10/2025 - Reason - in order to correct the Client sample IDs on the 2nd and 4th sample in this submittal.

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 2/21/2025 11:00 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 4.4°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877229 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877431 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 samples due to the nature of the sample matrix resulting in elevated reporting limits: WAN-SWC-3 (680-262088-5).

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

Client Sample ID: WAN-SWC-5

Lab Sample ID: 680-262088-1

Date Collected: 02/17/25 16:32

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		2.0	0.40	mg/L			02/27/25 20:33	2
Fluoride	<0.080		0.20	0.080	mg/L			02/27/25 20:33	2
Sulfate	**14**		2.0	0.80	mg/L			02/27/25 20:33	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		02/24/25 06:20	02/24/25 16:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 16:06	1
Barium	**0.091**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 16:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 16:06	1
Boron	**0.19**		0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 16:06	1
Calcium	**15**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 16:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 16:06	1
Cobalt	**0.011**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 16:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 16:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 16:06	1
Nickel	**0.0061**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 16:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 16:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 16:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 16:06	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 16:06	1
Zinc	**0.0074**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 16:06	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-SWC-7

Lab Sample ID: 680-262088-2

Date Collected: 02/17/25 16:15

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.4**		1.0	0.20	mg/L			02/27/25 20:43	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 20:43	1
Sulfate	**20**		1.0	0.40	mg/L			02/27/25 20:43	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		02/24/25 06:20	02/24/25 15:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:22	1
Barium	**0.036**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:22	1
Boron	**0.074**	**J**	0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:22	1

Client: Southern Company
Project/Site: Plant Wansley Landfill-Surface Waters

Job ID: 680-262088-1

Client Sample ID: WAN-SWC-7

Date Collected: 02/17/25 16:15
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262088-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**10**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:22	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:22	1
Cobalt	**0.00099**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:22	1
Nickel	**0.00091**	**J**	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:22	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:22	1
Vanadium	**0.0029**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:22	1
Zinc	**0.0062**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:22	1

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		02/25/25 05:25	02/25/25 14:39	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:25	02/25/25 14:39	1
Barium, Dissolved	**0.031**		0.010	0.00089	mg/L		02/25/25 05:25	02/25/25 14:39	1
Beryllium, Dissolved	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:25	02/25/25 14:39	1
Boron, Dissolved	**0.084**		0.080	0.022	mg/L		03/20/25 08:00	03/20/25 11:31	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:25	02/25/25 14:39	1
Calcium, Dissolved	**9.2**		0.50	0.14	mg/L		02/25/25 05:25	02/25/25 14:39	1
Chromium, Dissolved	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:25	02/25/25 14:39	1
Cobalt, Dissolved	**0.00068**	**J**	0.0025	0.00022	mg/L		02/25/25 05:25	02/25/25 14:39	1
Copper, Dissolved	**0.0021**		0.0020	0.0011	mg/L		02/25/25 05:25	02/25/25 14:39	1
Lead, Dissolved	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:25	02/25/25 14:39	1
Nickel, Dissolved	**0.00078**	**J**	0.0010	0.00042	mg/L		02/25/25 05:25	02/25/25 14:39	1
Selenium, Dissolved	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:25	02/25/25 14:39	1
Silver, Dissolved	<0.00039		0.0010	0.00039	mg/L		02/25/25 05:25	02/25/25 14:39	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:25	02/25/25 14:39	1
Vanadium, Dissolved	**0.0020**	**B**	0.0020	0.00063	mg/L		02/25/25 05:25	02/25/25 14:39	1
Zinc, Dissolved	**0.018**		0.0050	0.0028	mg/L		02/25/25 05:25	02/25/25 14:39	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:03	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		03/06/25 15:15	03/07/25 08:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**71**		10	10	mg/L			02/24/25 17:56	1

Client: Southern Company
Project/Site: Plant Wansley Landfill-Surface Waters

Job ID: 680-262088-1

Client Sample ID: WAN-SWA-1

Date Collected: 02/18/25 16:20
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262088-3

Matrix: Water

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			02/28/25 13:31	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 13:31	1
Sulfate	**6.9**		1.0	0.40	mg/L			02/28/25 13:31	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		02/24/25 06:20	02/24/25 16:08	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 16:08	1
Barium	**0.023**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 16:08	1
Beryllium	**0.00036**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 16:08	1
Boron	**0.023**	**J**	0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 16:08	1
Calcium	**4.3**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 16:08	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 16:08	1
Cobalt	**0.00043**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 16:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 16:08	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 16:08	1
Nickel	**0.00057**	**J**	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 16:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 16:08	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 16:08	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 16:08	1
Vanadium	**0.0019**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 16:08	1
Zinc	**0.0086**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 16:08	1

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		02/25/25 05:25	02/25/25 14:41	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:25	02/25/25 14:41	1
Barium, Dissolved	**0.021**		0.010	0.00089	mg/L		02/25/25 05:25	02/25/25 14:41	1
Beryllium, Dissolved	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:25	02/25/25 14:41	1
Boron, Dissolved	**0.024**	**J**	0.080	0.022	mg/L		03/20/25 08:00	03/20/25 11:33	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:25	02/25/25 14:41	1
Calcium, Dissolved	**4.1**		0.50	0.14	mg/L		02/25/25 05:25	02/25/25 14:41	1
Chromium, Dissolved	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:25	02/25/25 14:41	1
Cobalt, Dissolved	**0.00022**	**J**	0.0025	0.00022	mg/L		02/25/25 05:25	02/25/25 14:41	1
Copper, Dissolved	**0.0018**	**J**	0.0020	0.0011	mg/L		02/25/25 05:25	02/25/25 14:41	1
Lead, Dissolved	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:25	02/25/25 14:41	1
Nickel, Dissolved	**0.00044**	**J**	0.0010	0.00042	mg/L		02/25/25 05:25	02/25/25 14:41	1
Selenium, Dissolved	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:25	02/25/25 14:41	1
Silver, Dissolved	<0.00039		0.0010	0.00039	mg/L		02/25/25 05:25	02/25/25 14:41	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:25	02/25/25 14:41	1
Vanadium, Dissolved	**0.0023**	**B**	0.0020	0.00063	mg/L		02/25/25 05:25	02/25/25 14:41	1
Zinc, Dissolved	**0.016**		0.0050	0.0028	mg/L		02/25/25 05:25	02/25/25 14:41	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:42	1

Client Sample ID: WAN-SWA-1
Lab Sample ID: 680-262088-3
Date Collected: 02/18/25 16:20
Matrix: Water
Date Received: 02/21/25 11:00

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		03/06/25 15:15	03/07/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**41**		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-SWA-6
Lab Sample ID: 680-262088-4
Date Collected: 02/18/25 15:58
Matrix: Water
Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**	**F1**	2.0	0.40	mg/L			03/01/25 16:25	2
Fluoride	<0.080	F1 F2	0.20	0.080	mg/L			03/01/25 16:25	2
Sulfate	**55**	**F1**	2.0	0.80	mg/L			03/01/25 16:25	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		02/24/25 06:20	02/24/25 15:20	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:20	1
Barium	**0.051**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:20	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:20	1
Boron	**0.062**	**J**	0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:20	1
Calcium	**22**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:20	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:20	1
Cobalt	**0.0011**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:20	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:20	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:20	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:20	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:20	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:20	1
Vanadium	**0.0024**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:20	1
Zinc	**0.0072**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:20	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/24/25 17:56	1

Client: Southern Company
Project/Site: Plant Wansley Landfill-Surface Waters

Job ID: 680-262088-1

Client Sample ID: WAN-SWC-3

Date Collected: 02/18/25 15:39
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262088-5

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72**		20	4.0	mg/L			02/28/25 13:51	20
Fluoride	<0.80		2.0	0.80	mg/L			02/28/25 13:51	20
Sulfate	**17**	**J**	20	8.0	mg/L			02/28/25 13:51	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		02/24/25 06:20	02/24/25 15:24	1
Arsenic	**0.0019**		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:24	1
Barium	**0.082**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:24	1
Beryllium	**0.00029**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:24	1
Boron	**1.1**		0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:24	1
Calcium	**40**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:24	1
Cobalt	**0.24**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:24	1
Nickel	**0.011**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:24	1
Selenium	**0.0059**		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:24	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:24	1
Zinc	**0.0088**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:24	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**290**		40	40	mg/L			02/24/25 17:56	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877229/2
Matrix: Water
Analysis Batch: 877229

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			02/27/25 10:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 10:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 10:15	1

Lab Sample ID: LCS 680-877229/3
Matrix: Water
Analysis Batch: 877229

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	9.99		mg/L		100	90 - 110
Fluoride	2.00	2.05		mg/L		103	90 - 110
Sulfate	10.0	11.0		mg/L		110	90 - 110

Lab Sample ID: LCSD 680-877229/4
Matrix: Water
Analysis Batch: 877229

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	9.98		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: 680-262079-B-12 MS
Matrix: Water
Analysis Batch: 877229

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.20	F1 F2	10.0	7.09	F1	mg/L		71	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.44	F1	mg/L		72	80 - 120
Sulfate	<0.40	F1 F2	10.0	6.22	F1	mg/L		62	80 - 120

Lab Sample ID: 680-262079-B-12 MSD
Matrix: Water
Analysis Batch: 877229

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20	F1 F2	10.0	9.89	F2	mg/L		99	80 - 120	33	15
Fluoride	<0.040	F1 F2	2.00	2.04	F2	mg/L		102	80 - 120	34	15
Sulfate	<0.40	F1 F2	10.0	11.1	F2	mg/L		111	80 - 120	56	15

Lab Sample ID: MB 680-877352/2
Matrix: Water
Analysis Batch: 877352

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			02/28/25 11:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 11:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 11:15	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877352/3
Matrix: Water
Analysis Batch: 877352

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	9.16		mg/L		92	90 - 110		
Fluoride			2.00	1.93		mg/L		96	90 - 110		
Sulfate			10.0	9.66		mg/L		97	90 - 110		

Lab Sample ID: LCSD 680-877352/4
Matrix: Water
Analysis Batch: 877352

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	9.03		mg/L		90	90 - 110	1	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	2	15
Sulfate			10.0	9.43		mg/L		94	90 - 110	2	15

Lab Sample ID: 680-262079-B-15 MS
Matrix: Water
Analysis Batch: 877352

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		10.0	10.4		mg/L		94	80 - 120		
Fluoride	2.2		2.00	4.00		mg/L		92	80 - 120		
Sulfate	7.2		10.0	17.1		mg/L		98	80 - 120		

Lab Sample ID: 680-262079-B-15 MSD
Matrix: Water
Analysis Batch: 877352

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		10.0	9.25		mg/L		82	80 - 120	12	15
Fluoride	2.2		2.00	3.76		mg/L		80	80 - 120	6	15
Sulfate	7.2		10.0	15.7		mg/L		84	80 - 120	8	15

Lab Sample ID: MB 680-877431/2
Matrix: Water
Analysis Batch: 877431

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			03/01/25 12:05	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/25 12:05	1
Sulfate	<0.40		1.0	0.40	mg/L			03/01/25 12:05	1

Lab Sample ID: LCS 680-877431/3
Matrix: Water
Analysis Batch: 877431

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	9.66		mg/L		97	90 - 110		
Fluoride			2.00	1.91		mg/L		95	90 - 110		
Sulfate			10.0	10.7		mg/L		107	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-877431/4
Matrix: Water
Analysis Batch: 877431

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	10.3		mg/L		103	90 - 110	7	15
Fluoride			2.00	2.03		mg/L		101	90 - 110	6	15
Sulfate			10.0	10.9		mg/L		109	90 - 110	2	15

Lab Sample ID: 680-262088-4 MS
Matrix: Water
Analysis Batch: 877431

Client Sample ID: WAN-SWA-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5.8	F1	20.0	12.6	F1	mg/L		34	80 - 120		
Fluoride	<0.080	F1 F2	4.00	1.34	F1	mg/L		33	80 - 120		
Sulfate	55	F1	20.0	58.8	F1	mg/L		17	80 - 120		

Lab Sample ID: 680-262088-4 MSD
Matrix: Water
Analysis Batch: 877431

Client Sample ID: WAN-SWA-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.8	F1	20.0	13.9	F1	mg/L		41	80 - 120	10	15
Fluoride	<0.080	F1 F2	4.00	1.61	F1 F2	mg/L		40	80 - 120	18	15
Sulfate	55	F1	20.0	58.9	F1	mg/L		17	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876734/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 14:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:39	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:39	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:39	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:39	1

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

Lab Sample ID: MB 680-876734/1-A
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:37	1

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0474		mg/L		95	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.100	0.0946		mg/L		95	80 - 120
Beryllium	0.0500	0.0484		mg/L		97	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Calcium	5.00	4.87		mg/L		97	80 - 120
Chromium	0.100	0.0991		mg/L		99	80 - 120
Cobalt	0.0500	0.0453		mg/L		91	80 - 120
Copper	0.101	0.0919		mg/L		91	80 - 120
Lead	0.500	0.482		mg/L		96	80 - 120
Nickel	0.100	0.0916		mg/L		92	80 - 120
Selenium	0.100	0.0961		mg/L		96	80 - 120
Silver	0.0500	0.0481		mg/L		96	80 - 120
Thallium	0.0500	0.0499		mg/L		100	80 - 120
Vanadium	0.100	0.0975		mg/L		98	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.394		mg/L		98	80 - 120

Lab Sample ID: 680-262079-C-1-B MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0519		mg/L		104	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.030		0.100	0.134		mg/L		105	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125
Calcium	59		5.00	60.7	4	mg/L		43	75 - 125
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Cobalt	<0.00022		0.0500	0.0497		mg/L		99	75 - 125
Copper	<0.0011		0.101	0.0990		mg/L		98	75 - 125
Lead	<0.00021		0.500	0.529		mg/L		106	75 - 125
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125
Silver	<0.00039		0.0500	0.0529		mg/L		106	75 - 125

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

Lab Sample ID: 680-262079-C-1-B MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	<0.00026		0.0500	0.0550		mg/L		110	75 - 125
Vanadium	0.00082	J	0.100	0.107		mg/L		107	75 - 125
Zinc	<0.0028		0.100	0.123		mg/L		123	75 - 125

Lab Sample ID: 680-262079-C-1-C MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	4	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	0	20
Barium	0.030		0.100	0.130		mg/L		100	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0533		mg/L		107	75 - 125	0	20
Cadmium	<0.000078		0.0500	0.0533		mg/L		107	75 - 125	1	20
Calcium	59		5.00	59.0	4	mg/L		9	75 - 125	3	20
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0482		mg/L		96	75 - 125	3	20
Copper	<0.0011		0.101	0.0969		mg/L		96	75 - 125	2	20
Lead	<0.00021		0.500	0.515		mg/L		103	75 - 125	3	20
Nickel	<0.00042		0.100	0.0970		mg/L		97	75 - 125	3	20
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	4	20
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0532		mg/L		106	75 - 125	3	20
Vanadium	0.00082	J	0.100	0.105		mg/L		104	75 - 125	2	20
Zinc	<0.0028		0.100	0.105		mg/L		105	75 - 125	16	20

Lab Sample ID: MB 680-876738/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 15:30	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:30	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:30	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:30	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:30	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:30	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:30	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:30	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:30	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:30	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:30	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:30	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:30	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:30	1

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

Lab Sample ID: MB 680-876738/1-A
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	03/20/25 09:04	1

Lab Sample ID: LCS 680-876738/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0491		mg/L		98	80 - 120
Arsenic	0.100	0.0994		mg/L		99	80 - 120
Barium	0.100	0.0988		mg/L		99	80 - 120
Beryllium	0.0500	0.0510		mg/L		102	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	5.00	5.04		mg/L		101	80 - 120
Chromium	0.100	0.103		mg/L		103	80 - 120
Cobalt	0.0500	0.0471		mg/L		94	80 - 120
Copper	0.101	0.0958		mg/L		95	80 - 120
Lead	0.500	0.493		mg/L		99	80 - 120
Nickel	0.100	0.0953		mg/L		95	80 - 120
Selenium	0.100	0.0983		mg/L		98	80 - 120
Silver	0.0500	0.0499		mg/L		100	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.100		mg/L		100	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-876738/2-A
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.429		mg/L		107	80 - 120

Lab Sample ID: 752-29718-D-2-E MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0594		mg/L		119	75 - 125
Arsenic	0.0047	F1	0.100	0.130	F1	mg/L		126	75 - 125
Barium	0.32	F1	0.100	0.456	F1	mg/L		135	75 - 125
Beryllium	<0.00020	F1	0.0500	0.0628	F1	mg/L		126	75 - 125
Cadmium	<0.000078	F1	0.0500	0.0635	F1	mg/L		127	75 - 125
Calcium	78		5.00	85.2	4	mg/L		141	75 - 125
Chromium	0.0016	J F1	0.100	0.128	F1	mg/L		126	75 - 125
Cobalt	0.0011	J	0.0500	0.0590		mg/L		116	75 - 125
Copper	0.0029		0.101	0.117		mg/L		112	75 - 125
Lead	<0.00021		0.500	0.627		mg/L		125	75 - 125
Nickel	0.0090		0.100	0.124		mg/L		116	75 - 125
Selenium	<0.00099		0.100	0.121		mg/L		121	75 - 125
Silver	<0.00039		0.0500	0.0609		mg/L		122	75 - 125

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

Lab Sample ID: 752-29718-D-2-E MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	<0.00026		0.0500	0.0626		mg/L		125	75 - 125
Vanadium	0.0036		0.100	0.129		mg/L		125	75 - 125
Zinc	0.0059		0.100	0.130		mg/L		124	75 - 125

Lab Sample ID: 752-29718-D-2-F MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 876738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0589		mg/L		118	75 - 125	1	20
Arsenic	0.0047	F1	0.100	0.125		mg/L		120	75 - 125	4	20
Barium	0.32	F1	0.100	0.436		mg/L		115	75 - 125	5	20
Beryllium	<0.00020	F1	0.0500	0.0610		mg/L		122	75 - 125	3	20
Cadmium	<0.000078	F1	0.0500	0.0621		mg/L		124	75 - 125	2	20
Calcium	78		5.00	82.6	4	mg/L		89	75 - 125	3	20
Chromium	0.0016	J F1	0.100	0.125		mg/L		123	75 - 125	2	20
Cobalt	0.0011	J	0.0500	0.0580		mg/L		114	75 - 125	2	20
Copper	0.0029		0.101	0.114		mg/L		110	75 - 125	2	20
Lead	<0.00021		0.500	0.617		mg/L		123	75 - 125	2	20
Nickel	0.0090		0.100	0.123		mg/L		114	75 - 125	2	20
Selenium	<0.00099		0.100	0.116		mg/L		116	75 - 125	5	20
Silver	<0.00039		0.0500	0.0598		mg/L		120	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0613		mg/L		123	75 - 125	2	20
Vanadium	0.0036		0.100	0.125		mg/L		121	75 - 125	3	20
Zinc	0.0059		0.100	0.127		mg/L		121	75 - 125	2	20

Lab Sample ID: MB 680-876859/1-B
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 876860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.00034		0.0020	0.00034	mg/L		02/25/25 05:25	02/25/25 14:29	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/25/25 05:25	02/25/25 14:29	1
Barium, Dissolved	<0.00089		0.010	0.00089	mg/L		02/25/25 05:25	02/25/25 14:29	1
Beryllium, Dissolved	<0.00020		0.0025	0.00020	mg/L		02/25/25 05:25	02/25/25 14:29	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/25/25 05:25	02/25/25 14:29	1
Calcium, Dissolved	<0.14		0.50	0.14	mg/L		02/25/25 05:25	02/25/25 14:29	1
Chromium, Dissolved	<0.0012		0.0020	0.0012	mg/L		02/25/25 05:25	02/25/25 14:29	1
Cobalt, Dissolved	<0.00022		0.0025	0.00022	mg/L		02/25/25 05:25	02/25/25 14:29	1
Copper, Dissolved	<0.0011		0.0020	0.0011	mg/L		02/25/25 05:25	02/25/25 14:29	1
Lead, Dissolved	<0.00021		0.0010	0.00021	mg/L		02/25/25 05:25	02/25/25 14:29	1
Nickel, Dissolved	<0.00042		0.0010	0.00042	mg/L		02/25/25 05:25	02/25/25 14:29	1
Selenium, Dissolved	<0.00099		0.0050	0.00099	mg/L		02/25/25 05:25	02/25/25 14:29	1
Silver, Dissolved	<0.00039		0.0010	0.00039	mg/L		02/25/25 05:25	02/25/25 14:29	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/25/25 05:25	02/25/25 14:29	1
Vanadium, Dissolved	0.000705	J	0.0020	0.00063	mg/L		02/25/25 05:25	02/25/25 14:29	1
Zinc, Dissolved	<0.0028		0.0050	0.0028	mg/L		02/25/25 05:25	02/25/25 14:29	1

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

Lab Sample ID: LCS 680-876859/2-B
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 876860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	0.0500	0.0493		mg/L		99	80 - 120
Arsenic, Dissolved	0.100	0.106		mg/L		106	80 - 120
Barium, Dissolved	0.100	0.101		mg/L		101	80 - 120
Beryllium, Dissolved	0.0500	0.0510		mg/L		102	80 - 120
Cadmium, Dissolved	0.0500	0.0534		mg/L		107	80 - 120
Calcium, Dissolved	5.00	5.33		mg/L		107	80 - 120
Chromium, Dissolved	0.100	0.109		mg/L		109	80 - 120
Cobalt, Dissolved	0.0500	0.0479		mg/L		96	80 - 120
Copper, Dissolved	0.101	0.0968		mg/L		96	80 - 120
Lead, Dissolved	0.500	0.529		mg/L		106	80 - 120
Nickel, Dissolved	0.100	0.0962		mg/L		96	80 - 120
Selenium, Dissolved	0.100	0.104		mg/L		104	80 - 120
Silver, Dissolved	0.0500	0.0527		mg/L		105	80 - 120
Thallium, Dissolved	0.0500	0.0537		mg/L		107	80 - 120
Vanadium, Dissolved	0.100	0.108		mg/L		108	80 - 120
Zinc, Dissolved	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: LCSD 680-876859/3-B
Matrix: Water
Analysis Batch: 877033

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 876860

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony, Dissolved	0.0500	0.0520		mg/L		104	80 - 120	5	20
Arsenic, Dissolved	0.100	0.110		mg/L		110	80 - 120	4	20
Barium, Dissolved	0.100	0.108		mg/L		108	80 - 120	7	20
Beryllium, Dissolved	0.0500	0.0549		mg/L		110	80 - 120	7	20
Cadmium, Dissolved	0.0500	0.0563		mg/L		113	80 - 120	5	20
Calcium, Dissolved	5.00	5.61		mg/L		112	80 - 120	5	20
Chromium, Dissolved	0.100	0.113		mg/L		113	80 - 120	4	20
Cobalt, Dissolved	0.0500	0.0506		mg/L		101	80 - 120	6	20
Copper, Dissolved	0.101	0.102		mg/L		101	80 - 120	6	20
Lead, Dissolved	0.500	0.556		mg/L		111	80 - 120	5	20
Nickel, Dissolved	0.100	0.101		mg/L		101	80 - 120	5	20
Selenium, Dissolved	0.100	0.109		mg/L		109	80 - 120	5	20
Silver, Dissolved	0.0500	0.0553		mg/L		111	80 - 120	5	20
Thallium, Dissolved	0.0500	0.0569		mg/L		114	80 - 120	6	20
Vanadium, Dissolved	0.100	0.111		mg/L		111	80 - 120	3	20
Zinc, Dissolved	0.100	0.114		mg/L		114	80 - 120	5	20

Lab Sample ID: MB 680-879313/1-B
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 879314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.022		0.080	0.022	mg/L		03/20/25 08:00	03/20/25 11:23	1

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

Lab Sample ID: LCS 680-879313/2-B
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 879314

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	0.400	0.425		mg/L		106	80 - 120

Lab Sample ID: LCSD 680-879313/3-B
Matrix: Water
Analysis Batch: 879379

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 879314

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron, Dissolved	0.400	0.432		mg/L		108	80 - 120	2	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-877713/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:36	1

Lab Sample ID: LCS 680-877713/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00249		mg/L		99	80 - 120

Lab Sample ID: 680-262079-C-9-E MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000995		mg/L		99	80 - 120

Lab Sample ID: 680-262079-C-9-F MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877713

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	0	20

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00251		mg/L		100	80 - 120		

Lab Sample ID: 680-262088-4 MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: WAN-SWA-6
Prep Type: Total/NA
Prep Batch: 877714

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: 680-262088-4 MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: WAN-SWA-6
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878054/1-B
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 878055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:15	03/07/25 08:24	1

Lab Sample ID: LCS 680-878054/2-B
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 878055

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury, Dissolved			0.00250	0.00257		mg/L		103	80 - 120		

Lab Sample ID: 680-262088-3 MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: WAN-SWA-1
Prep Type: Dissolved
Prep Batch: 878055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury, Dissolved	<0.000080		0.00100	0.00104		mg/L		104	80 - 120		

Lab Sample ID: 680-262088-3 MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: WAN-SWA-1
Prep Type: Dissolved
Prep Batch: 878055

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	0.00102		mg/L		102	80 - 120	2	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876844/1
Matrix: Water
Analysis Batch: 876844

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			02/24/25 17:56	1

Lab Sample ID: LCS 680-876844/2
Matrix: Water
Analysis Batch: 876844

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 680-876844/3
Matrix: Water
Analysis Batch: 876844

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	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262055-C-4 DU
Matrix: Water
Analysis Batch: 876844

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	310			318		mg/L				1	5

Lab Sample ID: 680-262055-C-10 DU
Matrix: Water
Analysis Batch: 876844

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	520			518		mg/L				1	5

HPLC/IC

Analysis Batch: 877229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total/NA	Water	300.0-1993 R2.1	
680-262088-2	WAN-SWC-7	Total/NA	Water	300.0-1993 R2.1	
MB 680-877229/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877229/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877229/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-12 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-12 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-3	WAN-SWA-1	Total/NA	Water	300.0-1993 R2.1	
680-262088-5	WAN-SWC-3	Total/NA	Water	300.0-1993 R2.1	
MB 680-877352/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877352/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877352/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-15 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262079-B-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-4	WAN-SWA-6	Total/NA	Water	300.0-1993 R2.1	
MB 680-877431/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877431/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877431/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262088-4 MS	WAN-SWA-6	Total/NA	Water	300.0-1993 R2.1	
680-262088-4 MSD	WAN-SWA-6	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Total Recoverable	Water	3005A	
680-262088-4	WAN-SWA-6	Total Recoverable	Water	3005A	
680-262088-5	WAN-SWC-3	Total Recoverable	Water	3005A	
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262079-C-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262079-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 876738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total Recoverable	Water	3005A	
680-262088-3	WAN-SWA-1	Total Recoverable	Water	3005A	
MB 680-876738/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876738/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29718-D-2-E MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29718-D-2-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Filtration Batch: 876859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	FILTRATION	

Metals (Continued)

Filtration Batch: 876859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-3	WAN-SWA-1	Dissolved	Water	FILTRATION	
MB 680-876859/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 680-876859/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 680-876859/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	

Prep Batch: 876860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	3005A	876859
680-262088-3	WAN-SWA-1	Dissolved	Water	3005A	876859
MB 680-876859/1-B	Method Blank	Dissolved	Water	3005A	876859
LCS 680-876859/2-B	Lab Control Sample	Dissolved	Water	3005A	876859
LCSD 680-876859/3-B	Lab Control Sample Dup	Dissolved	Water	3005A	876859

Analysis Batch: 876876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total Recoverable	Water	6020B	876738
680-262088-2	WAN-SWC-7	Total Recoverable	Water	6020B	876734
680-262088-3	WAN-SWA-1	Total Recoverable	Water	6020B	876738
680-262088-4	WAN-SWA-6	Total Recoverable	Water	6020B	876734
680-262088-5	WAN-SWC-3	Total Recoverable	Water	6020B	876734
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	6020B	876734
MB 680-876738/1-A	Method Blank	Total Recoverable	Water	6020B	876738
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876734
LCS 680-876738/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876738
680-262079-C-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	876734
680-262079-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	876734
752-29718-D-2-E MS	Matrix Spike	Total Recoverable	Water	6020B	876738
752-29718-D-2-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	876738

Analysis Batch: 877033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	6020B	876860
680-262088-3	WAN-SWA-1	Dissolved	Water	6020B	876860
MB 680-876859/1-B	Method Blank	Dissolved	Water	6020B	876860
LCS 680-876859/2-B	Lab Control Sample	Dissolved	Water	6020B	876860
LCSD 680-876859/3-B	Lab Control Sample Dup	Dissolved	Water	6020B	876860

Prep Batch: 877713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total/NA	Water	7470A	
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262079-C-9-E MS	Matrix Spike	Total/NA	Water	7470A	
680-262079-C-9-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Total/NA	Water	7470A	
680-262088-3	WAN-SWA-1	Total/NA	Water	7470A	
680-262088-4	WAN-SWA-6	Total/NA	Water	7470A	
680-262088-5	WAN-SWC-3	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 877714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-4 MS	WAN-SWA-6	Total/NA	Water	7470A	
680-262088-4 MSD	WAN-SWA-6	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total/NA	Water	7470A	877713
680-262088-2	WAN-SWC-7	Total/NA	Water	7470A	877714
680-262088-3	WAN-SWA-1	Total/NA	Water	7470A	877714
680-262088-4	WAN-SWA-6	Total/NA	Water	7470A	877714
680-262088-5	WAN-SWC-3	Total/NA	Water	7470A	877714
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	877713
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	877713
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262079-C-9-E MS	Matrix Spike	Total/NA	Water	7470A	877713
680-262079-C-9-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877713
680-262088-4 MS	WAN-SWA-6	Total/NA	Water	7470A	877714
680-262088-4 MSD	WAN-SWA-6	Total/NA	Water	7470A	877714

Filtration Batch: 878054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	FILTRATION	
680-262088-3	WAN-SWA-1	Dissolved	Water	FILTRATION	
MB 680-878054/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 680-878054/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
680-262088-3 MS	WAN-SWA-1	Dissolved	Water	FILTRATION	
680-262088-3 MSD	WAN-SWA-1	Dissolved	Water	FILTRATION	

Prep Batch: 878055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	7470A	878054
680-262088-3	WAN-SWA-1	Dissolved	Water	7470A	878054
MB 680-878054/1-B	Method Blank	Dissolved	Water	7470A	878054
LCS 680-878054/2-B	Lab Control Sample	Dissolved	Water	7470A	878054
680-262088-3 MS	WAN-SWA-1	Dissolved	Water	7470A	878054
680-262088-3 MSD	WAN-SWA-1	Dissolved	Water	7470A	878054

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	7470A	878055
680-262088-3	WAN-SWA-1	Dissolved	Water	7470A	878055
MB 680-878054/1-B	Method Blank	Dissolved	Water	7470A	878055
LCS 680-878054/2-B	Lab Control Sample	Dissolved	Water	7470A	878055
680-262088-3 MS	WAN-SWA-1	Dissolved	Water	7470A	878055
680-262088-3 MSD	WAN-SWA-1	Dissolved	Water	7470A	878055

Filtration Batch: 879313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	FILTRATION	

Metals (Continued)

Filtration Batch: 879313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-3	WAN-SWA-1	Dissolved	Water	FILTRATION	
MB 680-879313/1-B	Method Blank	Dissolved	Water	FILTRATION	
LCS 680-879313/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCSD 680-879313/3-B	Lab Control Sample Dup	Dissolved	Water	FILTRATION	

Prep Batch: 879314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-2	WAN-SWC-7	Dissolved	Water	3005A	879313
680-262088-3	WAN-SWA-1	Dissolved	Water	3005A	879313
MB 680-879313/1-B	Method Blank	Dissolved	Water	3005A	879313
LCS 680-879313/2-B	Lab Control Sample	Dissolved	Water	3005A	879313
LCSD 680-879313/3-B	Lab Control Sample Dup	Dissolved	Water	3005A	879313

Analysis Batch: 879379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total Recoverable	Water	6020B	876738
680-262088-2	WAN-SWC-7	Dissolved	Water	6020B	879314
680-262088-2	WAN-SWC-7	Total Recoverable	Water	6020B	876734
680-262088-3	WAN-SWA-1	Dissolved	Water	6020B	879314
680-262088-3	WAN-SWA-1	Total Recoverable	Water	6020B	876738
680-262088-4	WAN-SWA-6	Total Recoverable	Water	6020B	876734
680-262088-5	WAN-SWC-3	Total Recoverable	Water	6020B	876734
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	6020B	876734
MB 680-876738/1-A	Method Blank	Total Recoverable	Water	6020B	876738
MB 680-879313/1-B	Method Blank	Dissolved	Water	6020B	879314
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876734
LCS 680-876738/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876738
LCS 680-879313/2-B	Lab Control Sample	Dissolved	Water	6020B	879314
LCSD 680-879313/3-B	Lab Control Sample Dup	Dissolved	Water	6020B	879314

General Chemistry

Analysis Batch: 876844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-1	WAN-SWC-5	Total/NA	Water	2540C-2011	
680-262088-2	WAN-SWC-7	Total/NA	Water	2540C-2011	
680-262088-3	WAN-SWA-1	Total/NA	Water	2540C-2011	
680-262088-4	WAN-SWA-6	Total/NA	Water	2540C-2011	
680-262088-5	WAN-SWC-3	Total/NA	Water	2540C-2011	
MB 680-876844/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876844/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876844/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-C-4 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262055-C-10 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill-Surface Waters

Job ID: 680-262088-1

Client Sample ID: WAN-SWC-5

Date Collected: 02/17/25 16:32
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262088-1

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		2	5 mL	5 mL	877229	02/27/25 20:33	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879379	03/20/25 09:17	BCB	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:06	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:02	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-SWC-7

Date Collected: 02/17/25 16:15
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262088-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877229	02/27/25 20:43	BS	EET SAV
	Instrument ID: CICP									
Dissolved	Filtration	FILTRATION			25 mL	125 mL	879313	03/20/25 08:00	RR	EET SAV
Dissolved	Prep	3005A			25 mL	125 mL	879314	03/20/25 08:00	RR	EET SAV
Dissolved	Analysis	6020B		1			879379	03/20/25 11:31	BCB	EET SAV
	Instrument ID: ICPMSD									
Dissolved	Filtration	FILTRATION			25 mL	125 mL	876859	02/25/25 05:25	RR	EET SAV
Dissolved	Prep	3005A			25 mL	125 mL	876860	02/25/25 05:25	RR	EET SAV
Dissolved	Analysis	6020B		1			877033	02/25/25 14:39	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879379	03/20/25 09:53	BCB	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:22	BWR	EET SAV
	Instrument ID: ICPMSG									
Dissolved	Filtration	FILTRATION			50 mL	50 mL	878054	03/06/25 15:13	MG	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	878055	03/06/25 15:15	MG	EET SAV
Dissolved	Analysis	7470A		1			878134	03/07/25 08:36	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:03	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill-Surface Waters

Job ID: 680-262088-1

Client Sample ID: WAN-SWA-1

Lab Sample ID: 680-262088-3

Date Collected: 02/18/25 16:20

Matrix: Water

Date Received: 02/21/25 11:00

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	877352	02/28/25 13:31	AF	EET SAV
	Instrument ID: CICP									
Dissolved	Filtration	FILTRATION			25 mL	125 mL	879313	03/20/25 08:00	RR	EET SAV
Dissolved	Prep	3005A			25 mL	125 mL	879314	03/20/25 08:00	RR	EET SAV
Dissolved	Analysis	6020B		1			879379	03/20/25 11:33	BCB	EET SAV
	Instrument ID: ICPMSD									
Dissolved	Filtration	FILTRATION			25 mL	125 mL	876859	02/25/25 05:25	RR	EET SAV
Dissolved	Prep	3005A			25 mL	125 mL	876860	02/25/25 05:25	RR	EET SAV
Dissolved	Analysis	6020B		1			877033	02/25/25 14:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879379	03/20/25 09:19	BCB	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876738	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 16:08	BWR	EET SAV
	Instrument ID: ICPMSG									
Dissolved	Filtration	FILTRATION			50 mL	50 mL	878054	03/06/25 15:13	MG	EET SAV
Dissolved	Prep	7470A			50 mL	50 mL	878055	03/06/25 15:15	MG	EET SAV
Dissolved	Analysis	7470A		1			878134	03/07/25 08:29	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:42	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-SWA-6

Lab Sample ID: 680-262088-4

Date Collected: 02/18/25 15:58

Matrix: Water

Date Received: 02/21/25 11:00

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	877431	03/01/25 16:25	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879379	03/20/25 09:50	BCB	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:20	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262088-1
Project/Site: Plant Wansley Landfill-Surface Waters

Client Sample ID: WAN-SWC-3
Lab Sample ID: 680-262088-5

Date Collected: 02/18/25 15:39
Matrix: Water

Date Received: 02/21/25 11:00

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		20	5 mL	5 mL	877352	02/28/25 13:51	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			879379	03/20/25 09:55	BCB	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:24	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:10	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876844	02/24/25 17:56	PG	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: 680-262088-1
Project/Site: Plant Wansley Landfill-Surface Waters

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 Landfill-Surface Waters

Job ID: 680-262088-1

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	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
FILTRATION	Sample Filtration	None	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
None = None
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 TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2 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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill - Surface Waters	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)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4, & TDS (EPA 300.0 & SM 2540C)	Dissolved Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Total Number of containers	Task_Code: WAN-CSURF-ASSMT-2025S1 Special Instructions/Note: If Dissolved Metals required, lab to filter.
			Preservation Code:				D	I	N		
WAN- SWC-5	02/17/25	1632	G	WS	N	N	✓	✓		3	
WAN- SWC-7	02/17/25	1615	G	WS	N	N	✓	✓	✓	4	
WAN- SWA-1	02/18/25	1620	G	WS	N	N	✓	✓	✓	4	21790
WAN- SWA-6	02/18/25	1558	G	WS	N	N	✓	✓		3	
WAN- SWC-3	02/18/25	1539	G	WS	N	N	✓	✓		3	
WAN-			G		N	N					
WAN-			G		N	N					
WAN-			G		N	N					
WAN-			G		N	N					
WAN-			G		N	N					
WAN-			G		N	N					

680-262088 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: 2/19/25 1821	Company ACC	Received by:	Date/Time: 2/19/25 18:21 Company
Relinquished by:	Date/Time: 2/20/25	Company	Received by: 4.4/4.4	Date/Time: 2/21/25 1100 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: 1.0, 1.1, 1.1 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262088-1

Login Number: 262088
List Number: 1
Creator: Faught, Timothy

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

Generated 3/18/2025 9:37:54 AM Revision 2

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-261844-2

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 9:37:54 AM
Revision 2

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 Landfill

Job ID: 680-261844-2

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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261844-1	WAN-GWA-28	Water	02/10/25 15:01	02/13/25 10:28
680-261844-2	WAN-GWA-4	Water	02/10/25 16:50	02/13/25 10:28
680-261844-3	WAN-GWA-1	Water	02/11/25 10:51	02/13/25 10:28
680-261844-4	WAN-GWA-2	Water	02/11/25 12:25	02/13/25 10:28
680-261844-5	WAN-GWA-29	Water	02/11/25 10:50	02/13/25 10:28
680-261844-6	WAN-GWC-16	Water	02/11/25 15:28	02/13/25 10:28
680-261844-7	WAN-GWC-21	Water	02/11/25 14:10	02/13/25 10:28
680-261844-8	WAN-GWC-22	Water	02/11/25 12:49	02/13/25 10:28
680-261844-9	WAN-GWC-23	Water	02/11/25 14:05	02/13/25 10:28
680-261844-12	WAN-GWC-27	Water	02/11/25 16:07	02/13/25 10:28

Job ID: 680-261844-2 — Eurofins Savannah

Job Narrative
680-261844-2

Revision 2
The report being provided is a revision of the original report sent on 2/18/2025. The report (revision 2) is being revised due to: the need to apply the correct Chain of Custody (COC) to this submittal.

Report revision history
Revision 1 - 3/14/2025 - Reason - to fix the MS & MSD QC Linking for Potassium in prep batch 875732.

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 2 coolers at receipt time were 3.5°C and 4.2°C.

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-GWA-28

Lab Sample ID: 680-261844-1

Date Collected: 02/10/25 15:01

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
Magnesium	0.93		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:01	1
Potassium	0.89		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:01	1
Sodium	11		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	31		5.0	5.0	mg/L			02/17/25 18:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	31		5.0	5.0	mg/L			02/17/25 18:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:14	1

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-261844-2

Date Collected: 02/10/25 16:50

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
Magnesium	5.6		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 13:57	1
Potassium	3.2		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 13:57	1
Sodium	9.8		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	95		5.0	5.0	mg/L			02/17/25 18:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	95		5.0	5.0	mg/L			02/17/25 18:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:05	1

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-261844-3

Date Collected: 02/11/25 10:51

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
Magnesium	0.82		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:48	1
Potassium	1.1		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:48	1
Sodium	1.7		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	8.4		5.0	5.0	mg/L			02/17/25 17:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	8.4		5.0	5.0	mg/L			02/17/25 17:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 17:49	1

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-261844-4

Date Collected: 02/11/25 12:25

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
Magnesium	3.6		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:52	1
Potassium	1.9		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:52	1
Sodium	2.9		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:52	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			02/17/25 18:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	9.7		5.0	5.0	mg/L			02/17/25 18:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:21	1

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-261844-5

Date Collected: 02/11/25 10:50

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
Magnesium	1.8		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:44	1
Potassium	1.1		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:44	1
Sodium	14		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	33		5.0	5.0	mg/L			02/17/25 19:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	33		5.0	5.0	mg/L			02/17/25 19:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 19:04	1

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-261844-6

Date Collected: 02/11/25 15:28

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
Magnesium	5.5		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:23	1
Potassium	0.93		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:23	1
Sodium	11		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	64		5.0	5.0	mg/L			02/17/25 18:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	64		5.0	5.0	mg/L			02/17/25 18:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:47	1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-261844-7

Date Collected: 02/11/25 14:10

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
Magnesium	1.7		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:40	1
Potassium	0.56		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:40	1
Sodium	5.6		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	41		5.0	5.0	mg/L			02/17/25 18:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	41		5.0	5.0	mg/L			02/17/25 18:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:38	1

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-261844-8

Date Collected: 02/11/25 12:49

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
Magnesium	5.4		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 13:53	1
Potassium	0.87		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 13:53	1
Sodium	10		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	67		5.0	5.0	mg/L			02/17/25 19:13	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	67		5.0	5.0	mg/L			02/17/25 19:13	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 19:13	1

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-261844-9

Date Collected: 02/11/25 14:05

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
Magnesium	1.7		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 16:31	1
Potassium	1.5		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 16:31	1
Sodium	4.7		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	24		5.0	5.0	mg/L			02/17/25 18:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	24		5.0	5.0	mg/L			02/17/25 18:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Client Sample ID: WAN-GWC-27

Date Collected: 02/11/25 16:07
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**0.64**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:05	1
Potassium	**4.1**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:05	1
Sodium	**3.6**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:05	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			02/17/25 18:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**15**		5.0	5.0	mg/L			02/17/25 18:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 18:55	1

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
Magnesium	<0.023		0.50	0.023	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
Sodium	<0.20		0.50	0.20	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
Magnesium	5.00	4.82		mg/L		96	80 - 120
Potassium	7.00	6.29		mg/L		90	80 - 120
Sodium	5.00	4.80		mg/L		96	80 - 120

Lab Sample ID: 680-261849-G-1-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	3.4		5.00	8.11		mg/L		95	75 - 125
Potassium	1.4		7.00	7.65		mg/L		89	75 - 125
Sodium	8.8		5.00	13.5		mg/L		94	75 - 125

Lab Sample ID: 680-261849-G-1-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
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
Magnesium	3.4		5.00	8.11		mg/L		95	75 - 125	0	20
Potassium	1.4		7.00	7.70		mg/L		89	75 - 125	1	20
Sodium	8.8		5.00	13.7		mg/L		98	75 - 125	2	20

Lab Sample ID: MB 680-875732/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875732

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 15:30	1
Potassium	<0.044		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 15:30	1
Sodium	<0.20		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 15:30	1

Lab Sample ID: LCS 680-875732/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	5.16		mg/L		103	80 - 120
Potassium	7.00	6.48		mg/L		93	80 - 120
Sodium	5.00	5.15		mg/L		103	80 - 120

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

Lab Sample ID: 752-29383-G-3-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	4.1	F1 F2	5.00	8.67		mg/L		92	75 - 125
Sodium	410	F2	5.00	368	4	mg/L		-929	75 - 125

Lab Sample ID: 752-29383-G-3-B MS ^10
Matrix: Water
Analysis Batch: 876291

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	520		7.00	484	4	mg/L		-542	75 - 125

Lab Sample ID: 752-29383-G-3-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	4.1	F1 F2	5.00	12.5	F1 F2	mg/L		169	75 - 125	36	20
Sodium	410	F2	5.00	534	4 F2	mg/L		2385	75 - 125	37	20

Lab Sample ID: 752-29383-G-3-C MSD ^10
Matrix: Water
Analysis Batch: 876291

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	520		7.00	528	4	mg/L		88	75 - 125	9	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876077/4
Matrix: Water
Analysis Batch: 876077

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 15:30	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/17/25 15:30	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/17/25 15:30	1

Lab Sample ID: LCS 680-876077/6
Matrix: Water
Analysis Batch: 876077

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	257		mg/L		103	90 - 112

Lab Sample ID: LCSD 680-876077/31
Matrix: Water
Analysis Batch: 876077

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	4	30

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

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

Lab Sample ID: 680-261844-3 DU
Matrix: Water
Analysis Batch: 876077

Client Sample ID: WAN-GWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	8.4			6.22		mg/L				30	30
Bicarbonate Alkalinity as CaCO3	8.4			6.22		mg/L				30	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Metals

Prep Batch: 875722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total Recoverable	Water	3005A	
680-261844-2	WAN-GWA-4	Total Recoverable	Water	3005A	
680-261844-8	WAN-GWC-22	Total Recoverable	Water	3005A	
680-261844-12	WAN-GWC-27	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-G-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-261849-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 875732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-3	WAN-GWA-1	Total Recoverable	Water	3005A	
680-261844-4	WAN-GWA-2	Total Recoverable	Water	3005A	
680-261844-5	WAN-GWA-29	Total Recoverable	Water	3005A	
680-261844-6	WAN-GWC-16	Total Recoverable	Water	3005A	
680-261844-7	WAN-GWC-21	Total Recoverable	Water	3005A	
680-261844-9	WAN-GWC-23	Total Recoverable	Water	3005A	
MB 680-875732/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875732/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29383-G-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29383-G-3-B MS ^10	Matrix Spike	Total Recoverable	Water	3005A	
752-29383-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
752-29383-G-3-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total Recoverable	Water	6020B	875722
680-261844-2	WAN-GWA-4	Total Recoverable	Water	6020B	875722
680-261844-3	WAN-GWA-1	Total Recoverable	Water	6020B	875732
680-261844-4	WAN-GWA-2	Total Recoverable	Water	6020B	875732
680-261844-5	WAN-GWA-29	Total Recoverable	Water	6020B	875732
680-261844-6	WAN-GWC-16	Total Recoverable	Water	6020B	875732
680-261844-7	WAN-GWC-21	Total Recoverable	Water	6020B	875732
680-261844-8	WAN-GWC-22	Total Recoverable	Water	6020B	875722
680-261844-9	WAN-GWC-23	Total Recoverable	Water	6020B	875732
680-261844-12	WAN-GWC-27	Total Recoverable	Water	6020B	875722
MB 680-875722/1-A	Method Blank	Total Recoverable	Water	6020B	875722
MB 680-875732/1-A	Method Blank	Total Recoverable	Water	6020B	875732
LCS 680-875722/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875722
LCS 680-875732/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875732
680-261849-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875722
680-261849-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875722
752-29383-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	875732
752-29383-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875732

Analysis Batch: 876291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-29383-G-3-B MS ^10	Matrix Spike	Total Recoverable	Water	6020B	875732
752-29383-G-3-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875732

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

General Chemistry

Analysis Batch: 876077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261844-1	WAN-GWA-28	Total/NA	Water	2320B-2011	
680-261844-2	WAN-GWA-4	Total/NA	Water	2320B-2011	
680-261844-3	WAN-GWA-1	Total/NA	Water	2320B-2011	
680-261844-4	WAN-GWA-2	Total/NA	Water	2320B-2011	
680-261844-5	WAN-GWA-29	Total/NA	Water	2320B-2011	
680-261844-6	WAN-GWC-16	Total/NA	Water	2320B-2011	
680-261844-7	WAN-GWC-21	Total/NA	Water	2320B-2011	
680-261844-8	WAN-GWC-22	Total/NA	Water	2320B-2011	
680-261844-9	WAN-GWC-23	Total/NA	Water	2320B-2011	
680-261844-12	WAN-GWC-27	Total/NA	Water	2320B-2011	
MB 680-876077/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876077/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876077/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261844-3 DU	WAN-GWA-1	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Client Sample ID: WAN-GWA-28
Date Collected: 02/10/25 15:01
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
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 14:01	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:14	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWA-4
Date Collected: 02/10/25 16:50
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
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 13:57	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:05	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWA-1
Date Collected: 02/11/25 10:51
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:48	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 17:49	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWA-2
Date Collected: 02/11/25 12:25
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:52	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:21	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-261844-5
Date Collected: 02/11/25 10:50
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 Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:44	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 19:04	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-261844-6
Date Collected: 02/11/25 15:28
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 Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:23	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:47	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-261844-7
Date Collected: 02/11/25 14:10
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 Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:40	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:38	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-261844-8
Date Collected: 02/11/25 12:49
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 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 13:53	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 19:13	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261844-2

Client Sample ID: WAN-GWC-23

Date Collected: 02/11/25 14:05
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875732	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 16:31	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:30	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-27

Date Collected: 02/11/25 16:07
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261844-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
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 14:05	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876077	02/17/25 18:55	PG	EET SAV
	Instrument ID: MANTECH 2									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261844-2
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-261844-2

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

Protocol References:

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

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

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of
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		
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

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: ALK + 3 Cations (Report Separately).

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WC=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers
			Preservation Code:				D	I	
WAN- GWA-28	02/10/25	1501	G	WG	N	N	✓	✓	2 (HCl) pH = 6.06
WAN- GWA-4	02/10/25	1650	G	WG	N	N	✓	✓	2 (HCl) pH = 6.34
WAN- GWA-1	02/11/25	1051	G	WG	N	N	✓	✓	1
WAN- GWA-2	02/11/25	1225	G	WG	N	N	✓	✓	1
WAN- GWA-29	02/11/25	1050	G	WG	N	N	✓	✓	1
WAN- GWC-16	02/11/25	1528	G	WG	N	N	✓	✓	1
WAN- GWC-21	02/11/25	1410	G	WG	N	N	✓	✓	1
WAN- GWC-22	02/11/25	1249	G	WG	N	N	✓	✓	1
WAN- GWC-23	02/11/25	1405	G	WG	N	N	✓	✓	1
~~WAN- LF-FD-04~~	~~02/11/25~~	—	~~G~~	~~WG~~	~~N~~	~~N~~			
WAN- GWC-27	02/11/25	1607	G	WG	N	N	✓	✓	1

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: Additional Cations: magnesium, sodium, potassium

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: H. Auld	2-11-25 / 1705	ACC		2-11-25 / 1705	ACC
Relinquished by:	2/12/25 / 0857	ACC	Anna Abel	2-12-25 857	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/13/25 1028	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.0° 3.5/3.5 4.2/4.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261844-2

Login Number: 261844
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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/2/2025 12:04:15 PM Revision 1

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-261941-2

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
4/2/2025 12:04:15 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 Landfill

Job ID: 680-261941-2

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 Landfill

Job ID: 680-261941-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261941-5	WAN-GWC-7	Water	02/13/25 10:25	02/15/25 10:20
680-261941-6	WAN-GWC-8	Water	02/13/25 12:20	02/15/25 10:20
680-261941-7	WAN-GWC-17	Water	02/13/25 14:25	02/15/25 10:20
680-261941-8	WAN-GWC-18	Water	02/13/25 15:40	02/15/25 10:20
680-261941-9	WAN-GWC-26	Water	02/13/25 13:43	02/15/25 10:20
680-261941-10	WAN-GWC-30	Water	02/13/25 15:14	02/15/25 10:20
680-261941-11	WAN-GWC-34	Water	02/13/25 16:09	02/15/25 10:20
680-261941-12	WAN-GWC-5	Water	02/14/25 10:10	02/15/25 10:20
680-261941-13	WAN-GWC-19	Water	02/14/25 09:45	02/15/25 10:20
680-261941-14	WAN-GWC-20	Water	02/14/25 09:50	02/15/25 10:20
680-261941-15	WAN-GWC-24	Water	02/14/25 09:15	02/15/25 10:20
680-261941-16	WAN-GWC-25	Water	02/14/25 10:06	02/15/25 10:20

Job ID: 680-261941-2 — Eurofins Savannah

Job Narrative
680-261941-2

Revision 1
The report being provided is a revision of the original report sent on 2/24/2025. The report (revision 1) is being revised due to: the need to correct the sample collection dates for the last 5 samples in this submittal.

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 2 coolers at receipt time were 0.4°C and 2.1°C.

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-GWC-7

Lab Sample ID: 680-261941-5

Date Collected: 02/13/25 10:25

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
Magnesium	32		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:43	1
Potassium	0.96		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:43	1
Sodium	31		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	240		5.0	5.0	mg/L			02/21/25 19:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	240		5.0	5.0	mg/L			02/21/25 19:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 19:58	1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-261941-6

Date Collected: 02/13/25 12:20

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
Magnesium	14		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:06	1
Potassium	1.7		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:06	1
Sodium	6.6		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	66		5.0	5.0	mg/L			02/21/25 20:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	66		5.0	5.0	mg/L			02/21/25 20:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:24	1

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-261941-7

Date Collected: 02/13/25 14:25

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
Magnesium	5.3		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 20:15	1
Potassium	0.97		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 20:15	1
Sodium	12		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 20:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	76		5.0	5.0	mg/L			02/21/25 20:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	76		5.0	5.0	mg/L			02/21/25 20:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:33	1

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-261941-8

Date Collected: 02/13/25 15:40

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
Magnesium	3.7		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 20:19	1
Potassium	1.1		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 20:19	1
Sodium	11		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 20:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	59		5.0	5.0	mg/L			02/21/25 21:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	59		5.0	5.0	mg/L			02/21/25 21:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:44	1

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-261941-9

Date Collected: 02/13/25 13:43

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
Magnesium	2.0		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 21:04	1
Potassium	2.1		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 21:04	1
Sodium	3.5		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 21:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	13		5.0	5.0	mg/L			02/21/25 20:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	13		5.0	5.0	mg/L			02/21/25 20:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:50	1

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-261941-10

Date Collected: 02/13/25 15:14

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
Magnesium	1.3		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 20:55	1
Potassium	1.5		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 20:55	1
Sodium	5.7		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	28		5.0	5.0	mg/L			02/21/25 21:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	28		5.0	5.0	mg/L			02/21/25 21:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:26	1

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-261941-11

Date Collected: 02/13/25 16:09

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
Magnesium	1.5		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 20:51	1
Potassium	1.6		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 20:51	1
Sodium	4.9		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 20:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	22		5.0	5.0	mg/L			02/21/25 20:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	22		5.0	5.0	mg/L			02/21/25 20:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:05	1

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-261941-12

Date Collected: 02/14/25 10:10

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
Magnesium	21		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 20:31	1
Potassium	0.88		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 20:31	1
Sodium	14		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 20:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	120		5.0	5.0	mg/L			02/21/25 20:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	120		5.0	5.0	mg/L			02/21/25 20:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:15	1

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-261941-13

Date Collected: 02/14/25 09:45

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
Magnesium	3.2		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 21:24	1
Potassium	1.0		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 21:24	1
Sodium	5.2		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 21:24	1

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			02/21/25 19:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	43		5.0	5.0	mg/L			02/21/25 19:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 19:29	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-2

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-261941-14

Date Collected: 02/14/25 09:50

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
Magnesium	**4.3**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 21:20	1
Potassium	**1.2**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 21:20	1
Sodium	**9.9**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 21:20	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			02/21/25 19:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	5.0	mg/L			02/21/25 19:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 19:47	1

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-261941-15

Date Collected: 02/14/25 09:15

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
Magnesium	**1.1**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 21:08	1
Potassium	**0.70**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 21:08	1
Sodium	**3.2**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 21:08	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 20:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:56	1

Client Sample ID: WAN-GWC-25

Lab Sample ID: 680-261941-16

Date Collected: 02/14/25 10:06

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
Magnesium	**3.9**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 21:00	1
Potassium	**2.2**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 21:00	1
Sodium	**5.1**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 21:00	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 20:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**26**		5.0	5.0	mg/L			02/21/25 20:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 20:42	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-875900/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 19:42	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 19:42	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 19:42	1

Lab Sample ID: LCS 680-875900/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	4.66		mg/L		93	80 - 120
Potassium	7.00	6.07		mg/L		87	80 - 120
Sodium	5.00	4.60		mg/L		92	80 - 120

Lab Sample ID: 400-270938-J-1-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	<0.023		5.00	5.19		mg/L		104	75 - 125
Potassium	<0.044		7.00	6.54		mg/L		93	75 - 125
Sodium	<0.20		5.00	5.32		mg/L		106	75 - 125

Lab Sample ID: 400-270938-J-1-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	<0.023		5.00	5.28		mg/L		106	75 - 125	2	20
Potassium	<0.044		7.00	6.69		mg/L		96	75 - 125	2	20
Sodium	<0.20		5.00	5.41		mg/L		108	75 - 125	2	20

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
Magnesium	<0.023		0.50	0.023	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
Sodium	<0.20		0.50	0.20	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: 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
Magnesium	5.00	4.96		mg/L		99	80 - 120
Potassium	7.00	6.96		mg/L		99	80 - 120
Sodium	5.00	5.06		mg/L		101	80 - 120

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

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
Magnesium	<0.023		5.00	5.22		mg/L		104	75 - 125
Potassium	1.1		7.00	8.50		mg/L		106	75 - 125
Sodium	17		5.00	23.1		mg/L		121	75 - 125

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
Potassium	1.1		7.00	8.60		mg/L		107	75 - 125	1	20
Sodium	17		5.00	23.2		mg/L		123	75 - 125	0	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
Magnesium	<0.023		0.50	0.023	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
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 13:35	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
Magnesium	5.00	5.30		mg/L		106	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Sodium	5.00	5.37		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
Magnesium	1.1		5.00	6.40		mg/L		105	75 - 125
Potassium	1.5		7.00	8.85		mg/L		105	75 - 125
Sodium	12		5.00	16.4		mg/L		90	75 - 125

Lab Sample ID: 752-29506-A-3-C MSD
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	1.1		5.00	6.45		mg/L		106	75 - 125	1	20
Potassium	1.5		7.00	9.13		mg/L		109	75 - 125	3	20
Sodium	12		5.00	16.3		mg/L		89	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

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: 680-261941-10 DU
Matrix: Water
Analysis Batch: 876836

Client Sample ID: WAN-GWC-30
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

Lab Sample ID: 680-261941-13 DU
Matrix: Water
Analysis Batch: 876836

Client Sample ID: WAN-GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	43			41.9		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	43			41.9		mg/L				2	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Metals

Prep Batch: 875900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-7	WAN-GWC-17	Total Recoverable	Water	3005A	
680-261941-8	WAN-GWC-18	Total Recoverable	Water	3005A	
680-261941-9	WAN-GWC-26	Total Recoverable	Water	3005A	
680-261941-10	WAN-GWC-30	Total Recoverable	Water	3005A	
680-261941-11	WAN-GWC-34	Total Recoverable	Water	3005A	
680-261941-12	WAN-GWC-5	Total Recoverable	Water	3005A	
680-261941-13	WAN-GWC-19	Total Recoverable	Water	3005A	
680-261941-14	WAN-GWC-20	Total Recoverable	Water	3005A	
680-261941-15	WAN-GWC-24	Total Recoverable	Water	3005A	
680-261941-16	WAN-GWC-25	Total Recoverable	Water	3005A	
MB 680-875900/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875900/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-270938-J-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-270938-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 875904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-5	WAN-GWC-7	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
680-261941-6	WAN-GWC-8	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
680-261941-6	WAN-GWC-8	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

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-7	WAN-GWC-17	Total Recoverable	Water	6020B	875900
680-261941-8	WAN-GWC-18	Total Recoverable	Water	6020B	875900
680-261941-9	WAN-GWC-26	Total Recoverable	Water	6020B	875900
680-261941-10	WAN-GWC-30	Total Recoverable	Water	6020B	875900
680-261941-11	WAN-GWC-34	Total Recoverable	Water	6020B	875900
680-261941-12	WAN-GWC-5	Total Recoverable	Water	6020B	875900
680-261941-13	WAN-GWC-19	Total Recoverable	Water	6020B	875900
680-261941-14	WAN-GWC-20	Total Recoverable	Water	6020B	875900
680-261941-15	WAN-GWC-24	Total Recoverable	Water	6020B	875900
680-261941-16	WAN-GWC-25	Total Recoverable	Water	6020B	875900

Metals (Continued)

Analysis Batch: 876144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-875900/1-A	Method Blank	Total Recoverable	Water	6020B	875900
LCS 680-875900/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875900
400-270938-J-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875900
400-270938-J-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875900

Analysis Batch: 876418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-5	WAN-GWC-7	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

General Chemistry

Analysis Batch: 876836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261941-5	WAN-GWC-7	Total/NA	Water	2320B-2011	
680-261941-6	WAN-GWC-8	Total/NA	Water	2320B-2011	
680-261941-7	WAN-GWC-17	Total/NA	Water	2320B-2011	
680-261941-8	WAN-GWC-18	Total/NA	Water	2320B-2011	
680-261941-9	WAN-GWC-26	Total/NA	Water	2320B-2011	
680-261941-10	WAN-GWC-30	Total/NA	Water	2320B-2011	
680-261941-11	WAN-GWC-34	Total/NA	Water	2320B-2011	
680-261941-12	WAN-GWC-5	Total/NA	Water	2320B-2011	
680-261941-13	WAN-GWC-19	Total/NA	Water	2320B-2011	
680-261941-14	WAN-GWC-20	Total/NA	Water	2320B-2011	
680-261941-15	WAN-GWC-24	Total/NA	Water	2320B-2011	
680-261941-16	WAN-GWC-25	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	
680-261941-10 DU	WAN-GWC-30	Total/NA	Water	2320B-2011	
680-261941-13 DU	WAN-GWC-19	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-2

Client Sample ID: WAN-GWC-7

Lab Sample ID: 680-261941-5

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 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 10:43	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 19:58	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-261941-6

Date Collected: 02/13/25 12:20

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 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 14:06	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:24	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-261941-7

Date Collected: 02/13/25 14:25

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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:15	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:33	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-261941-8

Date Collected: 02/13/25 15:40

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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:19	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 21:44	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-2

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-261941-9
Date Collected: 02/13/25 13:43
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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:04	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:50	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-261941-10
Date Collected: 02/13/25 15:14
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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:55	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 21:26	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-261941-11
Date Collected: 02/13/25 16:09
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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:51	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:05	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-261941-12
Date Collected: 02/14/25 10:10
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 Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 20:31	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:15	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-261941-2

Client Sample ID: WAN-GWC-19
Date Collected: 02/14/25 09:45
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:24	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 19:29	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-20
Date Collected: 02/14/25 09:50
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:20	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 19:47	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-24
Date Collected: 02/14/25 09:15
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:08	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:56	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-25
Date Collected: 02/14/25 10:06
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261941-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	875900	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 21:00	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 20:42	PG	EET SAV
	Instrument ID: MANTECH 2									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261941-2
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-261941-2

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

Protocol References:

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

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

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, 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: H. Auld, C. Klumke, J. May (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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: ALK + 3 Cations (Report Separately).

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)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers	
			Preservation Code:				D	I		
WAN- GWC-7	02/13/25	1025	G	WG	N	N	✓	✓	1	
WAN- GWC-8	02/13/25	1220	G	WG	N	N	✓	✓	1	
WAN- GWC-17	02/13/25	1425	G	WG	N	N	✓	✓	1	21261
WAN- GWC-18	02/13/25	1540	G	WG	N	N	✓	✓	1	
WAN- GWC-26	02/13/25	1343	G	WG	N	N	✓	✓	1	
WAN- GWC-30	02/13/25	1514	G	WG	N	N	✓	✓	1	
WAN- GWC-34	02/13/25	1609	G	WG	N	N	✓	✓	1	
WAN- GWC-5	02/14/25	1010	G	WG	N	N	✓	✓	1	
WAN- GWC-19	02/14/25	0945	G	WG	N	N	✓	✓	1	
WAN- GWC-20	02/14/25	0950	G	WG	N	N	✓	✓	1	
WAN- GWC-24	02/14/25	0915	G	WG	N	N	✓	✓	1	

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: Additional Cations: magnesium, sodium, potassium

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 13:22	
Relinquished by:	2/14/25				
Relinquished by:			Received by:	2/15/25 1020	Eurofins

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.4, 0.4 2.1, 2.1 3.4, 2.1 #2665

Eurofins TestAmerica, 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: H. Auld, J. May, C. Klumke (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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: ALK + 3 Cations (Report Separately).

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WC=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers	
			Preservation Code:				D	I		
WAN- GWC-25	02/14/25	1006	G	WG	N	N	✓	✓	1	
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				21261
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				

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

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

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

Special Instructions/QC Requirements: Additional Cations: magnesium, sodium, potassium

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:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/15/25 1020	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.4/0.4 2.1/2.1 3.4, 2.1 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261941-2

Login Number: 261941
List Number: 1
Creator: Munro, Caroline

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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/27/2025 8:52:56 AM

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-262084-1

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
2/27/2025 8:52:56 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 Landfill

Job ID: 680-262084-1

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 Landfill

Job ID: 680-262084-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262084-1	WAN-GWC-12	Water	02/17/25 12:13	02/21/25 11:00
680-262084-2	WAN-GWC-14	Water	02/17/25 14:35	02/21/25 11:00
680-262084-3	WAN-GWC-6	Water	02/18/25 14:44	02/21/25 11:00
680-262084-4	WAN-GWC-9	Water	02/18/25 14:05	02/21/25 11:00
680-262084-5	WAN-GWC-15	Water	02/18/25 10:20	02/21/25 11:00
680-262084-6	WAN-GWC-11	Water	02/18/25 12:31	02/21/25 11:00
680-262084-7	WAN-GWC-31	Water	02/18/25 09:19	02/21/25 11:00
680-262084-8	WAN-GWC-13	Water	02/18/25 11:58	02/21/25 11:00
680-262084-9	WAN-GWC-35	Water	02/18/25 10:42	02/21/25 11:00
680-262084-10	WAN-GWC-10	Water	02/19/25 09:45	02/21/25 11:00
680-262084-11	WAN-GWC-32	Water	02/19/25 12:23	02/21/25 11:00
680-262084-12	WAN-GWC-33	Water	02/19/25 15:16	02/21/25 11:00

Job ID: 680-262084-1 — Eurofins Savannah

Job Narrative
680-262084-1

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.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/21/2025 11:00 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 1.0°C, 1.1°C, 1.1°C and 4.4°C.

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-GWC-12

Lab Sample ID: 680-262084-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	8.1		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:41	1
Potassium	3.9		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:41	1
Sodium	13		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	120		5.0	5.0	mg/L			02/22/25 03:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	120		5.0	5.0	mg/L			02/22/25 03:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 03:47	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262084-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	18		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:43	1
Potassium	3.9		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:43	1
Sodium	2.4		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	170		5.0	5.0	mg/L			02/22/25 03:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	170		5.0	5.0	mg/L			02/22/25 03:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 03:57	1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262084-3

Date Collected: 02/18/25 14:44

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	12		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:45	1
Potassium	1.5		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:45	1
Sodium	8.5		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	79		5.0	5.0	mg/L			02/25/25 03:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	79		5.0	5.0	mg/L			02/25/25 03:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 03:57	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262084-1

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262084-4

Date Collected: 02/18/25 14:05

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	4.2		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:47	1
Potassium	2.7		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:47	1
Sodium	3.3		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:47	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			02/25/25 04:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	29		5.0	5.0	mg/L			02/25/25 04:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:15	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262084-5

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3.2		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:53	1
Potassium	2.0		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:53	1
Sodium	12		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	50		5.0	5.0	mg/L			02/25/25 04:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	50		5.0	5.0	mg/L			02/25/25 04:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:56	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262084-6

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3.5		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:55	1
Potassium	2.5		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:55	1
Sodium	2.1		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:55	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			02/25/25 05:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	96		5.0	5.0	mg/L			02/25/25 05:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 05:05	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262084-1

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262084-7

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	1.6		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:57	1
Potassium	1.3		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:57	1
Sodium	9.0		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:57	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			02/25/25 04:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	32		5.0	5.0	mg/L			02/25/25 04:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:30	1

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262084-8

Date Collected: 02/18/25 11:58

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	1.7		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:59	1
Potassium	1.6		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:59	1
Sodium	7.6		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	31		5.0	5.0	mg/L			02/25/25 04:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	31		5.0	5.0	mg/L			02/25/25 04:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:47	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262084-9

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	6.1		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:01	1
Potassium	2.7		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:01	1
Sodium	6.0		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:01	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			02/25/25 04:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	10		5.0	5.0	mg/L			02/25/25 04:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:22	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262084-10

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	5.7		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:03	1
Potassium	1.6		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:03	1
Sodium	12		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:03	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			02/25/25 04:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	61		5.0	5.0	mg/L			02/25/25 04:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 04:39	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262084-11

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3.0		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:05	1
Potassium	1.7		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:05	1
Sodium	11		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	35		5.0	5.0	mg/L			02/25/25 18:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	35		5.0	5.0	mg/L			02/25/25 18:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 18:54	1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-262084-12

Date Collected: 02/19/25 15:16

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	1.6		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:07	1
Potassium	2.5		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:07	1
Sodium	13		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	68		5.0	5.0	mg/L			02/25/25 19:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	68		5.0	5.0	mg/L			02/25/25 19:25	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 19:25	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876884/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:35	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:35	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:35	1

Lab Sample ID: LCS 680-876884/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	4.54		mg/L		91	80 - 120
Potassium	7.00	7.13		mg/L		102	80 - 120
Sodium	5.00	4.93		mg/L		99	80 - 120

Lab Sample ID: LCSD 680-876884/20-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	5.00	4.60		mg/L		92	80 - 120	1	20
Potassium	7.00	7.16		mg/L		102	80 - 120	0	20
Sodium	5.00	5.53		mg/L		111	80 - 120	11	20

Method: 2320B-2011 - Alkalinity, Total

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

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

Lab Sample ID: 680-261991-B-5 DU
Matrix: Water
Analysis Batch: 876837

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	41			38.8		mg/L				5	30
Bicarbonate Alkalinity as CaCO3	41			38.8		mg/L				5	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Lab Sample ID: MB 680-877003/4
Matrix: Water
Analysis Batch: 877003

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			02/25/25 03:32	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 03:32	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 03:32	1

Lab Sample ID: LCS 680-877003/6
Matrix: Water
Analysis Batch: 877003

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 680-877003/31
Matrix: Water
Analysis Batch: 877003

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	2	30

Lab Sample ID: 680-262084-3 DU
Matrix: Water
Analysis Batch: 877003

Client Sample ID: WAN-GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	79			79.6		mg/L				0.3	30
Bicarbonate Alkalinity as CaCO3	79			79.6		mg/L				0.3	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Lab Sample ID: MB 680-877100/4
Matrix: Water
Analysis Batch: 877100

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			02/25/25 18:28	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 18:28	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 18:28	1

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

Lab Sample ID: LCS 680-877100/6
Matrix: Water
Analysis Batch: 877100

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	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877100/31
Matrix: Water
Analysis Batch: 877100

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	3	30

Lab Sample ID: 680-262084-11 DU
Matrix: Water
Analysis Batch: 877100

Client Sample ID: WAN-GWC-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	35			35.2		mg/L				0.6	30
Bicarbonate Alkalinity as CaCO3	35			35.2		mg/L				0.6	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Metals

Prep Batch: 876884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-1	WAN-GWC-12	Total Recoverable	Water	3005A	
680-262084-2	WAN-GWC-14	Total Recoverable	Water	3005A	
680-262084-3	WAN-GWC-6	Total Recoverable	Water	3005A	
680-262084-4	WAN-GWC-9	Total Recoverable	Water	3005A	
680-262084-5	WAN-GWC-15	Total Recoverable	Water	3005A	
680-262084-6	WAN-GWC-11	Total Recoverable	Water	3005A	
680-262084-7	WAN-GWC-31	Total Recoverable	Water	3005A	
680-262084-8	WAN-GWC-13	Total Recoverable	Water	3005A	
680-262084-9	WAN-GWC-35	Total Recoverable	Water	3005A	
680-262084-10	WAN-GWC-10	Total Recoverable	Water	3005A	
680-262084-11	WAN-GWC-32	Total Recoverable	Water	3005A	
680-262084-12	WAN-GWC-33	Total Recoverable	Water	3005A	
MB 680-876884/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876884/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 680-876884/20-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-1	WAN-GWC-12	Total Recoverable	Water	6020B	876884
680-262084-2	WAN-GWC-14	Total Recoverable	Water	6020B	876884
680-262084-3	WAN-GWC-6	Total Recoverable	Water	6020B	876884
680-262084-4	WAN-GWC-9	Total Recoverable	Water	6020B	876884
680-262084-5	WAN-GWC-15	Total Recoverable	Water	6020B	876884
680-262084-6	WAN-GWC-11	Total Recoverable	Water	6020B	876884
680-262084-7	WAN-GWC-31	Total Recoverable	Water	6020B	876884
680-262084-8	WAN-GWC-13	Total Recoverable	Water	6020B	876884
680-262084-9	WAN-GWC-35	Total Recoverable	Water	6020B	876884
680-262084-10	WAN-GWC-10	Total Recoverable	Water	6020B	876884
680-262084-11	WAN-GWC-32	Total Recoverable	Water	6020B	876884
680-262084-12	WAN-GWC-33	Total Recoverable	Water	6020B	876884
MB 680-876884/1-A	Method Blank	Total Recoverable	Water	6020B	876884
LCS 680-876884/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876884
LCSD 680-876884/20-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	876884

General Chemistry

Analysis Batch: 876837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-1	WAN-GWC-12	Total/NA	Water	2320B-2011	
680-262084-2	WAN-GWC-14	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	
680-261991-B-5 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-3	WAN-GWC-6	Total/NA	Water	2320B-2011	
680-262084-4	WAN-GWC-9	Total/NA	Water	2320B-2011	
680-262084-5	WAN-GWC-15	Total/NA	Water	2320B-2011	
680-262084-6	WAN-GWC-11	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-7	WAN-GWC-31	Total/NA	Water	2320B-2011	
680-262084-8	WAN-GWC-13	Total/NA	Water	2320B-2011	
680-262084-9	WAN-GWC-35	Total/NA	Water	2320B-2011	
680-262084-10	WAN-GWC-10	Total/NA	Water	2320B-2011	
MB 680-877003/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877003/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877003/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262084-3 DU	WAN-GWC-6	Total/NA	Water	2320B-2011	

Analysis Batch: 877100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262084-11	WAN-GWC-32	Total/NA	Water	2320B-2011	
680-262084-12	WAN-GWC-33	Total/NA	Water	2320B-2011	
MB 680-877100/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877100/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877100/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262084-11 DU	WAN-GWC-32	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262084-1

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-262084-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:47	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262084-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:57	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262084-3

Date Collected: 02/18/25 14:44

Matrix: Water

Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:45	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 03:57	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262084-4

Date Collected: 02/18/25 14:05

Matrix: Water

Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:47	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:15	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262084-1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262084-5
Date Collected: 02/18/25 10:20
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:53	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:56	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262084-6
Date Collected: 02/18/25 12:31
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 05:05	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262084-7
Date Collected: 02/18/25 09:19
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:57	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:30	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262084-8
Date Collected: 02/18/25 11:58
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 14:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:47	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262084-1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262084-9
Date Collected: 02/18/25 10:42
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:22	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262084-10
Date Collected: 02/19/25 09:45
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 04:39	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262084-11
Date Collected: 02/19/25 12:23
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 18:54	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-262084-12
Date Collected: 02/19/25 15:16
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877100	02/25/25 19:25	PG	EET SAV
	Instrument ID: MANTECH 2									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262084-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-262084-1

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

Protocol References:

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

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

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, 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: H.Auld, C.Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested		
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

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: ALK + 3 Cations (Report Separately).

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)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers	
			Preservation Code:				D	I		
WAN- GWC-12	02/17/25	1213	G	WG	N	N	✓	✓	1	
WAN- GWC-14	02/17/25	1435	G	WG	N	N	✓	✓	1	
~~WAN- SWC-5~~	~~02/17/25~~	~~1632~~	G	~~WG~~ WS	N	N	✓	✓	1	HA 2-18-24
~~WAN- SWC-7~~	~~02/17/25~~	~~1615~~	G	~~WG~~ WS	N	N	✓	✓	1	HA 2-18-24
WAN- GWC-6	02/18/25	1444	G	WG	N	N	✓	✓	1	
WAN- GWC-9	02/18/25	1405	G	WG	N	N	✓	✓	1	
WAN- GWC-15	02/18/25	1020	G	WG	N	N	✓	✓	1	21789
WAN- GWC-11	02/18/25	1231	G	WG	N	N	✓	✓	1	
WAN- GWC-31	02/18/25	0919	G	WG	N	N	✓	✓	1	
WAN- GWC-13	02/18/25	1158	G	WG	N	N	✓	✓	1	
WAN- GWC-35	02/18/25	1042	G	WG	N	N	✓	✓	1	

680-262084 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: Additional Cations: magnesium, sodium, potassium

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 2/19/25 1621	Company ACC	Received by:	Date/Time: 2/19/25 18:21	Company
Relinquished by:	Date/Time: 2/20/25	Company	Received by:	Date/Time: 2/21/25 1100	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: 4.4/4.4	1.0, 1.1, 1.1 #2665			

Eurofins TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers	Task_Code: WAN-CCR-ASSMT-2025S1 Special Instructions/Note: ALK + 3 Cations (Report Separately).
			Preservation Code:				D	I		
~~WAN- LF-FD-07~~	~~02/18/25~~	—	G	WG	N	N	✓	✓	1	HA 2-18-25
WAN- GWC-10	02/19/25	0945	G	WG	N	N	✓	✓	1	
WAN- GWC-32	02/19/25	1223	G	WG	N	N	✓	✓	1	
WAN- GWC-33	02/19/25	1516	G	WG	N	N	✓	✓	1	~~Insufficient sample volume, Fatz~~ HA
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				21789
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				
WAN-			G	WG	N	N				

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

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

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

Special Instructions/QC Requirements: Additional Cations: magnesium, sodium, potassium

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/19/25 1821	ACC		2/19/25 18:21	
Relinquished by:	Date/Time: 2/20/25	Company	Received by:	Date/Time: 2/21/25 1100	Company
Relinquished by:	Date/Time:	Company	Received by: 4.4/4.4	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.0, 1.1, 1.1 # 2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262084-1

Login Number: 262084

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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/27/2025 8:53:40 AM

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-262090-1

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
2/27/2025 8:53:40 AM

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

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: 680-262090-1
Project/Site: Plant Wansley Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262090-1	WAN-SWC-5	Water	02/17/25 16:32	02/21/25 11:00
680-262090-2	WAN-SWC-7	Water	02/17/25 16:15	02/21/25 11:00
680-262090-3	WAN-SWA-1	Water	02/18/25 16:20	02/21/25 11:00
680-262090-4	WAN-SWA-6	Water	02/18/25 15:58	02/21/25 11:00
680-262090-5	WAN-SWC-3	Water	02/18/25 15:39	02/21/25 11:00

Job ID: 680-262090-1 — Eurofins Savannah

Job Narrative
680-262090-1

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.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/21/2025 11:00 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 4.4°C.

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: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262090-1

Client Sample ID: WAN-SWC-5

Lab Sample ID: 680-262090-1

Date Collected: 02/17/25 16:32

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	7.5		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:09	1
Potassium	1.8		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:09	1
Sodium	9.0		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	55		5.0	5.0	mg/L			02/25/25 05:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	55		5.0	5.0	mg/L			02/25/25 05:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 05:14	1

Client Sample ID: WAN-SWC-7

Lab Sample ID: 680-262090-2

Date Collected: 02/17/25 16:15

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2.3		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:11	1
Potassium	1.8		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:11	1
Sodium	3.3		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:11	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			02/25/25 05:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	12		5.0	5.0	mg/L			02/25/25 05:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 05:21	1

Client Sample ID: WAN-SWA-1

Lab Sample ID: 680-262090-3

Date Collected: 02/18/25 16:20

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	1.1		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:17	1
Potassium	1.6		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:17	1
Sodium	2.7		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:17	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			02/25/25 05:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	11		5.0	5.0	mg/L			02/25/25 05:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 05:50	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262090-1

Client Sample ID: WAN-SWA-6

Lab Sample ID: 680-262090-4

Date Collected: 02/18/25 15:58

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	4.4		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:19	1
Potassium	2.3		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:19	1
Sodium	5.2		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:19	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			02/25/25 06:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	26		5.0	5.0	mg/L			02/25/25 06:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 06:06	1

Client Sample ID: WAN-SWC-3

Lab Sample ID: 680-262090-5

Date Collected: 02/18/25 15:39

Matrix: Water

Date Received: 02/21/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	13		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 15:21	1
Potassium	2.6		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 15:21	1
Sodium	2.6		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 15:21	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			02/25/25 06:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	45		5.0	5.0	mg/L			02/25/25 06:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/25/25 06:15	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876884/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/25/25 09:06	02/26/25 14:35	1
Potassium	<0.044		0.50	0.044	mg/L		02/25/25 09:06	02/26/25 14:35	1
Sodium	<0.20		0.50	0.20	mg/L		02/25/25 09:06	02/26/25 14:35	1

Lab Sample ID: LCS 680-876884/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	4.54		mg/L		91	80 - 120
Potassium	7.00	7.13		mg/L		102	80 - 120
Sodium	5.00	4.93		mg/L		99	80 - 120

Lab Sample ID: LCSD 680-876884/20-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 876884

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	5.00	4.60		mg/L		92	80 - 120	1	20
Potassium	7.00	7.16		mg/L		102	80 - 120	0	20
Sodium	5.00	5.53		mg/L		111	80 - 120	11	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877003/4
Matrix: Water
Analysis Batch: 877003

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			02/25/25 03:32	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 03:32	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/25/25 03:32	1

Lab Sample ID: LCS 680-877003/6
Matrix: Water
Analysis Batch: 877003

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 680-877003/31
Matrix: Water
Analysis Batch: 877003

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	2	30

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

Lab Sample ID: 680-262090-3 DU
Matrix: Water
Analysis Batch: 877003

Client Sample ID: WAN-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	11			9.24		mg/L				19	30
Bicarbonate Alkalinity as CaCO3	11			9.24		mg/L				19	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262090-1

Metals

Prep Batch: 876884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262090-1	WAN-SWC-5	Total Recoverable	Water	3005A	
680-262090-2	WAN-SWC-7	Total Recoverable	Water	3005A	
680-262090-3	WAN-SWA-1	Total Recoverable	Water	3005A	
680-262090-4	WAN-SWA-6	Total Recoverable	Water	3005A	
680-262090-5	WAN-SWC-3	Total Recoverable	Water	3005A	
MB 680-876884/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876884/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 680-876884/20-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262090-1	WAN-SWC-5	Total Recoverable	Water	6020B	876884
680-262090-2	WAN-SWC-7	Total Recoverable	Water	6020B	876884
680-262090-3	WAN-SWA-1	Total Recoverable	Water	6020B	876884
680-262090-4	WAN-SWA-6	Total Recoverable	Water	6020B	876884
680-262090-5	WAN-SWC-3	Total Recoverable	Water	6020B	876884
MB 680-876884/1-A	Method Blank	Total Recoverable	Water	6020B	876884
LCS 680-876884/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876884
LCSD 680-876884/20-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	876884

General Chemistry

Analysis Batch: 877003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262090-1	WAN-SWC-5	Total/NA	Water	2320B-2011	
680-262090-2	WAN-SWC-7	Total/NA	Water	2320B-2011	
680-262090-3	WAN-SWA-1	Total/NA	Water	2320B-2011	
680-262090-4	WAN-SWA-6	Total/NA	Water	2320B-2011	
680-262090-5	WAN-SWC-3	Total/NA	Water	2320B-2011	
MB 680-877003/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877003/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877003/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262090-3 DU	WAN-SWA-1	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262090-1

Client Sample ID: WAN-SWC-5

Lab Sample ID: 680-262090-1

Date Collected: 02/17/25 16:32
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 05:14	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-SWC-7

Lab Sample ID: 680-262090-2

Date Collected: 02/17/25 16:15
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:11	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 05:21	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-SWA-1

Lab Sample ID: 680-262090-3

Date Collected: 02/18/25 16:20
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 05:50	PG	EET SAV
	Instrument ID: MANTECH 2									

Client Sample ID: WAN-SWA-6

Lab Sample ID: 680-262090-4

Date Collected: 02/18/25 15:58
Matrix: Water
Date Received: 02/21/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:19	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 06:06	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262090-1

Client Sample ID: WAN-SWC-3
Date Collected: 02/18/25 15:39
Date Received: 02/21/25 11:00

Lab Sample ID: 680-262090-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876884	02/25/25 09:06	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 15:21	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			877003	02/25/25 06:15	PG	EET SAV
	Instrument ID: MANTECH 2									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262090-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-262090-1

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

Protocol References:

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

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

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, 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: H. Auld, C. Klamke (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

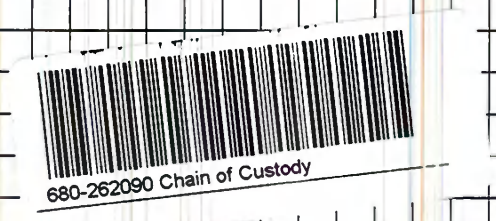
A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Task_Code: WAN-~~CCR~~-ASSMT-2025S1 · CSURF (HH) 2-19-25
Special Instructions/Note: ALK + 3 Cations (Report Separately).

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)	Cations: Mg,Na,K	Total, Carbonate, Bicarbonate Alkalinity	Total Number of containers
			Preservation Code:				D	I	
WAN- SWC-5	02/17/25	1632	G	~~WG~~ WS	N	N	✓	✓	1
WAN- SWC-7	02/17/25	1615	G	~~WG~~ WS	N	N	✓	✓	1
WAN- SWA-1	02/18/25	1020	G	~~WG~~ WS	N	N	✓	✓	1
WAN- SWA-6	02/18/25	1558	G	~~WG~~ WS	N	N	✓	✓	1
WAN- SWC-3	02/18/25	1539	G	~~WG~~ WS	N	N	✓	✓	1
WAN-			G	WG	N	N			
WAN-			G	WG	N	N			
WAN-			G	WG	N	N			
WAN-			G	WG	N	N			
WAN-			G	WG	N	N			
WAN-			G	WG	N	N			

2179i



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: Additional Cations: magnesium, sodium, potassium

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/19/25 1821	ACC		2/19/25 1821	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/20/25			2/21/25 1100	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			4.4/4.4		

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		1.0, 1.1, 1.1 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262090-1

Login Number: 262090

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	

LEVEL 2A LABORATORY DATA VALIDATIONS

Plant Wansley Landfill

Semiannual Event

February 2025

Georgia Power Company – Plant Wansley Landfill

Quality Control Review of Analytical Data – February 2025

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins Environment Testing America, Savannah for groundwater and surface water samples collected at Plant Wansley Landfill (LF) between February 10, 2025 and February 18, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 680-261941-1 was revised to correct errant data originally presented for GWC-20 and not confirmed in reanalysis. SDGs 680-262079-1 and 680-262088-1 were revised to address a method blank detection of boron from the original batch analysis.

In accordance with groundwater monitoring and corrective action procedures discussed in the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.14 and Title 40 Code of Federal Regulations (CFR), Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detection monitoring constituents listed in 40 CFR, Part 257, Appendix III, and permit-required metals listed in 40 CFR, Part 258, Appendix I. Test methods included Inductively Coupled Plasma – Mass Spectrometry (US EPA Method 6020B), Mercury in Liquid Wastes (US EPA Method 7470A), Determination of Inorganic Anions (US EPA Method 300.0), and Solids in Water (Standard Methods 2540C).

Data were reviewed in accordance with the US EPA Region 4 Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and chains of custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met, except from WAN-GWC-23 (680-261844-9) for chloride, and WAN-GWC-8 (680-261941-6) for chloride and sulfate, and WAN-GWC-35 (680-262079-10) for vanadium as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met, except for fluoride from WAN-GWA-28 (680-261844-1), chloride, fluoride, and sulfate from WAN-SWA-6 (680-262088-4), and calcium from WAN-GWC-12 (680-262079-1) as described in the qualifications section below.

Detection Limits: Project goals for detection limits were met. Certain samples were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on US EPA guidelines. Reporting limits (RLs) of non-detect compounds are elevated proportional to the dilution when undiluted sample results were not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

B: The analyte was positively identified above the method detection limit; however, the analyte was also detected in a method blank, field blank, and/or equipment blank.

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the estimated concentration of the analyte in the sample.

ND: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Sample WAN-GWA-28 (680-261844-1) was qualified as estimated (J) for fluoride as the matrix spike (MS) and matrix spike duplicate (MSD) recoveries were outside QC criteria (66% and 66%, respectively, below the range of 80-120).

- Sample WAN-GWC-12 (680-262079-1) was qualified as estimated (J) for calcium as the MS and MSD recoveries were outside QC criteria (43% and 9%, below the range of 80-120).

- Sample WAN-SWA-6 (680-262088-4) was qualified as estimated (J) for chloride as the MS and MSD recoveries were outside QC criteria (34% and 41%, respectively, below the range of 80-120).

- Sample WAN-SWA-6 (680-262088-4) was qualified as estimated (J) for fluoride as the MS and MSD recoveries and the MS/MSD RPD were outside QC criteria (33% and 40%, respectively, below the range of 80-120 and 18, above the limit of 15).

- Sample WAN-SWA-6 (680-262088-4) was qualified as estimated (J) for sulfate as the MS and MSD recoveries were outside QC criteria (17% and 17%, respectively, below the range of 80-120).

- Samples WAN-GWC-23 (680-261844-9) and WAN-LF-FD-04 (680-261844-10) were qualified as estimated (J) for chloride as the field relative percent difference (RPD) exceeded QC criteria (20.4%, above the limit of 20).

- Samples WAN-GWC-8 (680-261941-6) and WAN-LF-FD-05 (680-21941-1) were qualified as estimated (J) for chloride and sulfate as the field RPDs exceeded QC criteria (85.7% and 60.0%, respectively, above the limit of 20).

- Samples WAN-GWC-35 (680-262079-10) and WAN-LF-FD-07 (680-262079-11) were qualified as estimated (J) for vanadium as the field RPD exceeded QC criteria (28.6%, above the limit of 20).

- Sample WAN-GWC-9 (680-262079-5) was qualified as biased high (J) for vanadium due to the analyte being detected in the associated field and equipment blank samples.

- Sample WAN-GWC-11 (680-262079-7) was qualified as biased high (J) for lead and vanadium due to the analytes being detected in the associated equipment blank sample.

- Samples WAN-GWC-6 (680-262079-4) and WAN-GWC-31 (680-262079-8) were qualified as non-detect (ND) for vanadium due to the analyte being detected at a greater value in the associated equipment blank sample.

- Samples WAN-GWC-15 (680-262079-6), WAN-GWC-13 (680-262079-9), and WAN-GWC-35 (680-262079-10) were qualified as biased high (J) for vanadium due to the analyte being detected in the associated equipment blank sample.

- Samples WAN-SWC-7 (680-262088-2) and WAN-SWA-1 (680-262088-3) were qualified as biased high (J) for dissolved vanadium due to the analyte being detected in the associated laboratory method blank sample

Atlantic Coast Consulting, Inc. reviewed the laboratory data from the Plant Wansley LF sampled between February 10, 2025 and February 18, 2025, in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]US EPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

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

TABLE 1

Sample Summary Table – February 2025

Georgia Power Company – Plant Wansley Landfill

						Analyses		
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
261844-1	WAN-GWA-28	02/10/25	680-261844-1	WG		X	X	X
261844-1	WAN-GWA-4	02/10/25	680-261844-2	WG		X	X	X
261844-1	WAN-GWA-1	02/11/25	680-261844-3	WG		X	X	X
261844-1	WAN-GWA-2	02/11/25	680-261844-4	WG		X	X	X
261844-1	WAN-GWA-29	02/11/25	680-261844-5	WG		X	X	X
261844-1	WAN-GWC-16	02/11/25	680-261844-6	WG		X	X	X
261844-1	WAN-GWC-21	02/11/25	680-261844-7	WG		X	X	X
261844-1	WAN-GWC-22	02/11/25	680-261844-8	WG		X	X	X
261844-1	WAN-GWC-23	02/11/25	680-261844-9	WG		X	X	X
261844-1	WAN-LF-FD-04	02/11/25	680-261844-10	WG	FD (WAN-GWC-23)	X	X	X
261844-1	WAN-LF-FB-10	02/11/25	680-261844-11	WQ	FB	X	X	X
261844-1	WAN-GWC-27	02/11/25	680-261844-12	WG		X	X	X
261941-1	WAN-LF-FD-05	02/13/25	680-261941-1	WG	FD (WAN-GWC-8)	X	X	X
261941-1	WAN-LF-FB-11	02/13/25	680-261941-2	WQ	FB	X	X	X
261941-1	WAN-LF-EB-04	02/13/25	680-261941-3	WQ	EB	X	X	X
261941-1	WAN-LF-EB-05	02/13/25	680-261941-4	WQ	EB	X	X	X
261941-1	WAN-GWC-7	02/13/25	680-261941-5	WG		X	X	X
261941-1	WAN-GWC-8	02/13/25	680-261941-6	WG		X	X	X
261941-1	WAN-GWC-17	02/13/25	680-261941-7	WG		X	X	X
261941-1	WAN-GWC-18	02/13/25	680-261941-8	WG		X	X	X
261941-1	WAN-GWC-26	02/13/25	680-261941-9	WG		X	X	X
261941-1	WAN-GWC-30	02/13/25	680-261941-10	WG		X	X	X
261941-1	WAN-GWC-34	02/13/25	680-261941-11	WG		X	X	X
261941-1	WAN-GWC-5	02/14/25	680-261941-12	WG		X	X	X
261941-1	WAN-GWC-19	02/14/25	680-261941-13	WG		X	X	X
261941-1	WAN-GWC-20	02/14/25	680-261941-14	WG		X	X	X
261941-1	WAN-GWC-24	02/14/25	680-261941-15	WG		X	X	X
261941-1	WAN-GWC-25	02/14/25	680-261941-16	WG		X	X	X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
WS – Surface Water
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

TABLE 1 (continued)

Sample Summary Table – February 2025

Georgia Power Company – Plant Wansley Landfill

						Analyses		
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
261941-1	WAN-LF-FD-06	02/14/25	680-261941-17	WG	FD (WAN-GWC-20)	X	X	X
262079-1	WAN-GWC-12	02/17/25	680-262079-1	WG		X	X	X
262079-1	WAN-GWC-14	02/17/25	680-262079-2	WG		X	X	X
262079-1	WAN-LF-FB-12	02/17/25	680-262079-3	WQ	FB	X	X	X
262079-1	WAN-GWC-6	02/18/25	680-262079-4	WG		X	X	X
262079-1	WAN-GWC-9	02/18/25	680-262079-5	WG		X	X	X
262079-1	WAN-GWC-15	02/18/25	680-262079-6	WG		X	X	X
262079-1	WAN-GWC-11	02/18/25	680-262079-7	WG		X	X	X
262079-1	WAN-GWC-31	02/18/25	680-262079-8	WG		X	X	X
262079-1	WAN-GWC-13	02/18/25	680-262079-9	WG		X	X	X
262079-1	WAN-GWC-35	02/18/25	680-262079-10	WG		X	X	X
262079-1	WAN-LF-FD-07	02/18/25	680-262079-11	WG	FD (WAN-GWC-35)	X	X	X
262079-1	WAN-LF-FB-13	02/18/25	680-262079-12	WQ	FB	X	X	X
262079-1	WAN-LF-EB-06	02/18/25	680-262079-13	WQ	EB	X	X	X
262079-1	WAN-GWC-10	02/19/25	680-262079-14	WG		X	X	X
262079-1	WAN-GWC-32	02/19/25	680-262079-15	WG		X	X	X
262079-1	WAN-GWC-33	02/19/25	680-262079-16	WG		X	X	X
262079-1	WAN-LF-EB-07	02/19/25	680-262079-17	WQ	EB	X	X	X
262088-1	WAN-SWC-5	02/17/25	680-262088-1	WS		X	X	X
262088-1	WAN-SWC-7	02/17/25	680-262088-2	WS		X	X	X
262088-1	WAN-SWA-1	02/18/25	680-262088-3	WS		X	X	X
262088-1	WAN-SWA-6	02/18/25	680-262088-4	WS		X	X	X
262088-1	WAN-SWC-3	02/18/25	680-262088-5	WS		X	X	X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
WS – Surface Water
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

TABLE 2

Qualifier Summary Table – February 2025

Georgia Power Company – Plant Wansley Landfill

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
262079-1	WAN-GWC-9	Vanadium			B	Blank detection
262079-1	WAN-GWC-6	Vanadium		0.0015	ND	Blank detection
262079-1	WAN-GWC-15	Vanadium			B	Blank detection
262079-1	WAN-GWC-11	Lead			B	Blank detection
262079-1	WAN-GWC-11	Vanadium			B	Blank detection
262079-1	WAN-GWC-31	Vanadium		0.0014	ND	Blank detection
262079-1	WAN-GWC-13	Vanadium			B	Blank detection
262079-1	WAN-GWC-35	Vanadium			B	Blank detection
262088-1	WAN-SWC-7	Dissolved Vanadium			B	Blank detection
262088-1	WAN-SWA-1	Dissolved Vanadium			B	Blank detection
261844-1	WAN-GWA-28	Fluoride			J	MS/MSD outside QC criteria
262079-1	WAN-GWC-12	Calcium			J	MS/MSD outside QC criteria
262088-1	WAN-SWA-6	Chloride			J	MS/MSD outside QC criteria
262088-1	WAN-SWA-6	Fluoride			J	MS/MSD/RPD outside QC criteria
262088-1	WAN-SWA-6	Sulfate			J	MS/MSD outside QC criteria
261844-1	WAN-GWC-23	Chloride			J	Field DUP RPD outside QC criteria
261844-1	WAN-LF-FD-04	Chloride			J	Field DUP RPD outside QC criteria
261941-1	WAN-GWC-8	Chloride			J	Field DUP RPD outside QC criteria
261941-1	WAN-LF-FD-05	Chloride			J	Field DUP RPD outside QC criteria
261941-1	WAN-GWC-8	Sulfate			J	Field DUP RPD outside QC criteria
261941-1	WAN-LF-FD-05	Sulfate			J	Field DUP RPD outside QC criteria
262079-1	WAN-GWC-35	Vanadium			J	Field DUP RPD outside QC criteria
262079-1	WAN-LF-FD-07	Vanadium			J	Field DUP RPD outside QC criteria

Abbreviations:
LCS – Laboratory Control Sample
MDC – Minimum Detectable Concentration
MS – Matrix Spike
MDL – Method Detection Limit
RL – Reporting Limit
SDG – Sample Delivery Group

Qualifiers:
B – Field, Equipment, or Method Blank Detection
J – Estimated Result
ND – Non-Detect Result

LEVEL 2A LABORATORY DATA VALIDATIONS

Plant Wansley Landfill

Geochemical Parameters Event

February 2025

Georgia Power Company – Plant Wansley Landfill

Quality Control Review of Analytical Data – February 2025

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins Environment Testing America, Savannah for groundwater and surface water samples collected at Plant Wansley Landfill (LF) between February 10, 2025 and February 18, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

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

The samples were analyzed for geochemical parameters. Test methods included Inductively Coupled Plasma – Mass Spectrometry (US EPA Method 6020B) and Alkalinity in Water (Standard Methods 2320B).

Data were reviewed in accordance with the US EPA Region 4 Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (laboratory blanks). Sample receipt conditions, holding times, and chains of custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were not applicable to this sampling event.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the estimated concentration of the analyte in the sample.

ND: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from the Plant Wansley LF sampled between February 10, 2025 and February 18, 2025, in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]US EPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

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

TABLE 1

Sample Summary Table – February 2025

Georgia Power Company – Plant Wansley Landfill

						Analyses	
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020)	Alkalinity (SM 2320B)
261844-2	WAN-GWA-28	02/10/25	680-261844-1	WG		X	X
261844-2	WAN-GWA-4	02/10/25	680-261844-2	WG		X	X
261844-2	WAN-GWA-1	02/11/25	680-261844-3	WG		X	X
261844-2	WAN-GWA-2	02/11/25	680-261844-4	WG		X	X
261844-2	WAN-GWA-29	02/11/25	680-261844-5	WG		X	X
261844-2	WAN-GWC-16	02/11/25	680-261844-6	WG		X	X
261844-2	WAN-GWC-21	02/11/25	680-261844-7	WG		X	X
261844-2	WAN-GWC-22	02/11/25	680-261844-8	WG		X	X
261844-2	WAN-GWC-23	02/11/25	680-261844-9	WG		X	X
261844-2	WAN-GWC-27	02/11/25	680-261844-12	WG		X	X
261941-2	WAN-GWC-7	02/13/25	680-261941-5	WG		X	X
261941-2	WAN-GWC-8	02/13/25	680-261941-6	WG		X	X
261941-2	WAN-GWC-17	02/13/25	680-261941-7	WG		X	X
261941-2	WAN-GWC-18	02/13/25	680-261941-8	WG		X	X
261941-2	WAN-GWC-26	02/13/25	680-261941-9	WG		X	X
261941-2	WAN-GWC-30	02/13/25	680-261941-10	WG		X	X
261941-2	WAN-GWC-34	02/13/25	680-261941-11	WG		X	X
261941-2	WAN-GWC-5	02/14/25	680-261941-12	WG		X	X
261941-2	WAN-GWC-19	02/14/25	680-261941-13	WG		X	X
261941-2	WAN-GWC-20	02/14/25	680-261941-14	WG		X	X
261941-2	WAN-GWC-24	02/14/25	680-261941-15	WG		X	X
261941-2	WAN-GWC-25	02/14/25	680-261941-16	WG		X	X
262084-1	WAN-GWC-12	02/17/25	680-262084-1	WG		X	X
262084-1	WAN-GWC-14	02/17/25	680-262084-2	WG		X	X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
WS – Surface Water
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

TABLE 1 (continued)

Sample Summary Table – February 2025

Georgia Power Company – Plant Wansley Landfill

						Analyses	
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020)	Alkalinity (SM 2320B)
262084-1	WAN-GWC-6	02/18/25	680-262084-3	WG		X	X
262084-1	WAN-GWC-9	02/18/25	680-262084-4	WG		X	X
262084-1	WAN-GWC-15	02/18/25	680-262084-5	WG		X	X
262084-1	WAN-GWC-11	02/18/25	680-262084-6	WG		X	X
262084-1	WAN-GWC-31	02/18/25	680-262084-7	WG		X	X
262084-1	WAN-GWC-13	02/18/25	680-262084-8	WG		X	X
262084-1	WAN-GWC-35	02/18/25	680-262084-9	WG		X	X
262084-1	WAN-GWC-10	02/19/25	680-262084-10	WG		X	X
262084-1	WAN-GWC-32	02/19/25	680-262084-11	WG		X	X
262084-1	WAN-GWC-33	02/19/25	680-262084-12	WG		X	X
262090-1	WAN-SWC-5	02/17/25	680-262090-1	WS		X	X
262090-1	WAN-SWC-7	02/17/25	680-262090-2	WS		X	X
262090-1	WAN-SWA-1	02/18/25	680-262090-3	WS		X	X
262090-1	WAN-SWA-6	02/18/25	680-262090-4	WS		X	X
262090-1	WAN-SWC-3	02/18/25	680-262090-5	WS		X	X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
WS – Surface Water
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:20:22 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.79 ft** **Total Depth: 49.79 ft** **Initial Depth to Water: 26.12 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 44 ft** **Estimated Total Volume Pumped: 3.4 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 25 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1051. Cloudy, 50 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2025 10:20 AM	00:00	5.51 pH	9.35 °C	63.31 µS/cm	10.73 mg/L	5.00 NTU	177.0 mV	26.12 ft	120.00 ml/min
2/11/2025 10:25 AM	05:00	5.37 pH	12.44 °C	22.53 µS/cm	6.15 mg/L	0.95 NTU	120.7 mV	27.00 ft	120.00 ml/min
2/11/2025 10:30 AM	10:00	5.36 pH	13.60 °C	20.77 µS/cm	5.86 mg/L	0.75 NTU	165.6 mV	27.40 ft	120.00 ml/min
2/11/2025 10:35 AM	15:00	5.37 pH	13.77 °C	19.94 µS/cm	5.75 mg/L	0.80 NTU	110.7 mV	27.80 ft	120.00 ml/min
2/11/2025 10:40 AM	20:00	5.36 pH	13.98 °C	19.80 µS/cm	5.77 mg/L	0.77 NTU	104.6 mV	28.00 ft	100.00 ml/min
2/11/2025 10:45 AM	25:00	5.37 pH	14.04 °C	19.67 µS/cm	5.75 mg/L	0.75 NTU	102.5 mV	28.10 ft	100.00 ml/min
2/11/2025 10:50 AM	30:00	5.36 pH	13.95 °C	19.87 µS/cm	5.78 mg/L	0.71 NTU	101.3 mV	28.20 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 11:55:05 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.09 ft** **Total Depth: 60.09 ft** **Initial Depth to Water: 47.87 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Overcast 50 degrees, sample time 1225

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 11:55 AM	00:00	6.30 pH	11.07 °C	52.62 µS/cm	10.94 mg/L	0.91 NTU	147.5 mV	47.90 ft	150.00 ml/min
2/11/2025 12:00 PM	05:00	5.74 pH	14.89 °C	63.04 µS/cm	8.30 mg/L	0.89 NTU	118.7 mV	47.90 ft	150.00 ml/min
2/11/2025 12:05 PM	10:00	5.70 pH	15.16 °C	65.04 µS/cm	8.11 mg/L	1.08 NTU	104.5 mV	47.90 ft	150.00 ml/min
2/11/2025 12:10 PM	15:00	5.66 pH	15.26 °C	65.42 µS/cm	7.99 mg/L	1.08 NTU	101.6 mV	47.90 ft	150.00 ml/min
2/11/2025 12:15 PM	20:00	5.66 pH	15.19 °C	65.68 µS/cm	8.02 mg/L	1.26 NTU	97.9 mV	47.90 ft	150.00 ml/min
2/11/2025 12:20 PM	25:00	5.66 pH	15.21 °C	65.51 µS/cm	7.91 mg/L	0.73 NTU	87.1 mV	47.90 ft	150.00 ml/min
2/11/2025 12:25 PM	30:00	5.66 pH	15.29 °C	66.62 µS/cm	7.85 mg/L	0.83 NTU	122.2 mV	47.90 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2025 3:50:11 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.37 ft** **Total Depth: 31.37 ft** **Initial Depth to Water: 30.65 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 26 ft** **Estimated Total Volume Pumped: 0.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 4.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Purged dry. 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	
2/10/2025 3:50 PM	00:00	7.80 pH	18.16 °C	0.00 µS/cm	9.16 mg/L	235.00 NTU	-1,569.3 mV	30.65 ft	150.00 ml/min
2/10/2025 3:55 PM	05:00	6.73 pH	15.89 °C	493.15 µS/cm	2.24 mg/L	200.00 NTU	12.7 mV	31.00 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 9:53:40 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.37 ft** **Total Depth: 31.37 ft** **Initial Depth to Water: 30.9 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 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
No recharge, no sample. Rain, 50 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2025 9:53 AM	00:00	5.34 pH	9.14 °C	0.00 µS/cm	11.51 mg/L		26.2 mV	30.90 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2025 4:15:34 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.53 ft** **Total Depth: 40.53 ft** **Initial Depth to Water: 26.51 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Cloudy 60 degrees, sample time 1650

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 4:15 PM	00:00	6.66 pH	15.80 °C	219.01 µS/cm	4.80 mg/L	18.50 NTU	53.2 mV	26.70 ft	200.00 ml/min
2/10/2025 4:20 PM	05:00	6.33 pH	16.04 °C	218.50 µS/cm	0.31 mg/L	16.70 NTU	100.6 mV	26.72 ft	200.00 ml/min
2/10/2025 4:25 PM	10:00	6.37 pH	16.17 °C	266.92 µS/cm	0.18 mg/L	12.80 NTU	17.9 mV	26.76 ft	200.00 ml/min
2/10/2025 4:30 PM	15:00	6.39 pH	16.20 °C	268.87 µS/cm	0.14 mg/L	11.00 NTU	12.6 mV	26.76 ft	200.00 ml/min
2/10/2025 4:35 PM	20:00	6.31 pH	16.26 °C	210.15 µS/cm	0.46 mg/L	11.80 NTU	53.5 mV	26.78 ft	200.00 ml/min
2/10/2025 4:40 PM	25:00	6.36 pH	16.24 °C	255.01 µS/cm	0.14 mg/L	6.66 NTU	21.3 mV	26.79 ft	200.00 ml/min
2/10/2025 4:45 PM	30:00	6.36 pH	16.20 °C	249.78 µS/cm	0.14 mg/L	5.13 NTU	25.2 mV	26.79 ft	200.00 ml/min
2/10/2025 4:50 PM	35:00	6.34 pH	16.22 °C	245.43 µS/cm	0.16 mg/L	3.79 NTU	29.4 mV	26.79 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/14/2025 9:15:06 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.83 ft** **Total Depth: 40.83 ft** **Initial Depth to Water: 16.92 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 10 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 170 ml/min** **Final Draw Down: 35 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sunny 41 degrees, sample time 1010

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	
2/14/2025 9:15 AM	00:00	6.98 pH	14.26 °C	305.84 µS/cm	1.24 mg/L	72.50 NTU	-42.9 mV	16.92 ft	200.00 ml/min
2/14/2025 9:20 AM	05:00	6.96 pH	15.71 °C	282.35 µS/cm	0.27 mg/L	18.40 NTU	-42.7 mV	18.50 ft	200.00 ml/min
2/14/2025 9:25 AM	10:00	6.34 pH	15.87 °C	264.38 µS/cm	0.37 mg/L	10.20 NTU	11.4 mV	18.96 ft	200.00 ml/min
2/14/2025 9:30 AM	15:00	6.25 pH	15.98 °C	256.14 µS/cm	0.63 mg/L	4.52 NTU	42.6 mV	19.37 ft	200.00 ml/min
2/14/2025 9:35 AM	20:00	6.23 pH	16.38 °C	252.46 µS/cm	0.69 mg/L	2.05 NTU	51.8 mV	19.55 ft	170.00 ml/min
2/14/2025 9:40 AM	25:00	6.22 pH	16.69 °C	251.73 µS/cm	0.71 mg/L	1.19 NTU	35.6 mV	19.55 ft	170.00 ml/min
2/14/2025 9:45 AM	30:00	6.22 pH	16.10 °C	251.81 µS/cm	0.95 mg/L	2.05 NTU	34.3 mV	19.55 ft	170.00 ml/min
2/14/2025 9:50 AM	35:00	6.23 pH	16.33 °C	251.50 µS/cm	1.07 mg/L	1.33 NTU	52.9 mV	19.61 ft	170.00 ml/min
2/14/2025 9:55 AM	40:00	6.23 pH	16.42 °C	252.39 µS/cm	1.14 mg/L	1.68 NTU	35.2 mV	19.68 ft	170.00 ml/min
2/14/2025 10:00 AM	45:00	6.22 pH	16.46 °C	250.92 µS/cm	0.95 mg/L	1.51 NTU	31.8 mV	19.74 ft	170.00 ml/min
2/14/2025 10:05 AM	50:00	6.22 pH	16.28 °C	250.29 µS/cm	0.90 mg/L	1.35 NTU	52.7 mV	19.80 ft	170.00 ml/min
2/14/2025 10:10 AM	55:00	6.21 pH	16.78 °C	249.99 µS/cm	0.76 mg/L	0.84 NTU	30.3 mV	19.80 ft	170.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/18/2025 2:14:13 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.12 ft** **Total Depth: 31.12 ft** **Initial Depth to Water: 16.52 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 26 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1444. Partly cloudy 54.

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	
2/18/2025 2:14 PM	00:00	5.80 pH	21.16 °C	130.88 µS/cm	3.48 mg/L	5.30 NTU	181.8 mV	16.52 ft	200.00 ml/min
2/18/2025 2:19 PM	05:00	5.75 pH	18.12 °C	139.69 µS/cm	1.55 mg/L	3.94 NTU	277.6 mV	16.78 ft	200.00 ml/min
2/18/2025 2:24 PM	10:00	5.75 pH	17.95 °C	147.57 µS/cm	1.02 mg/L	2.77 NTU	170.8 mV	16.81 ft	200.00 ml/min
2/18/2025 2:29 PM	15:00	5.75 pH	17.80 °C	154.77 µS/cm	0.81 mg/L	1.78 NTU	142.1 mV	16.83 ft	200.00 ml/min
2/18/2025 2:34 PM	20:00	5.76 pH	17.72 °C	157.45 µS/cm	0.65 mg/L	1.43 NTU	133.5 mV	16.83 ft	200.00 ml/min
2/18/2025 2:39 PM	25:00	5.76 pH	17.72 °C	161.09 µS/cm	0.56 mg/L	1.28 NTU	127.8 mV	16.87 ft	200.00 ml/min
2/18/2025 2:44 PM	30:00	5.76 pH	17.72 °C	158.59 µS/cm	0.55 mg/L	1.14 NTU	128.5 mV	16.90 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 9:50:04 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.02 ft** **Total Depth: 26.02 ft** **Initial Depth to Water: 6.76 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 21 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 43 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Cloudy 50 degrees, sample time 1025

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	6.45 pH	15.04 °C	442.06 µS/cm	1.84 mg/L	2.23 NTU	174.3 mV	6.76 ft	200.00 ml/min
2/13/2025 9:55 AM	05:00	6.43 pH	16.20 °C	436.35 µS/cm	1.31 mg/L	2.37 NTU	146.3 mV	8.60 ft	200.00 ml/min
2/13/2025 10:00 AM	10:00	6.44 pH	16.31 °C	433.59 µS/cm	1.25 mg/L	2.52 NTU	83.9 mV	9.53 ft	200.00 ml/min
2/13/2025 10:05 AM	15:00	6.44 pH	16.11 °C	428.83 µS/cm	1.25 mg/L	2.50 NTU	55.5 mV	9.80 ft	100.00 ml/min
2/13/2025 10:10 AM	20:00	6.44 pH	15.89 °C	430.10 µS/cm	1.25 mg/L	3.46 NTU	47.1 mV	9.94 ft	100.00 ml/min
2/13/2025 10:15 AM	25:00	6.45 pH	16.15 °C	430.95 µS/cm	1.19 mg/L	2.44 NTU	45.7 mV	10.11 ft	100.00 ml/min
2/13/2025 10:20 AM	30:00	6.45 pH	16.20 °C	431.09 µS/cm	1.13 mg/L	2.28 NTU	43.2 mV	10.27 ft	100.00 ml/min
2/13/2025 10:25 AM	35:00	6.45 pH	16.46 °C	433.97 µS/cm	1.11 mg/L	3.24 NTU	57.6 mV	10.37 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 11:20:04 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-8 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.11 ft** **Total Depth: 20.11 ft** **Initial Depth to Water: 4.63 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 15 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 10 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sunny 54 degrees, sample time 1220, FD-05 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/13/2025 11:20 AM	00:00	6.27 pH	18.12 °C	215.65 µS/cm	3.78 mg/L	1.64 NTU	105.0 mV	4.63 ft	200.00 ml/min
2/13/2025 11:25 AM	05:00	6.21 pH	16.28 °C	223.38 µS/cm	3.37 mg/L	1.56 NTU	81.4 mV	5.27 ft	200.00 ml/min
2/13/2025 11:30 AM	10:00	6.17 pH	15.84 °C	213.54 µS/cm	3.21 mg/L	1.43 NTU	108.1 mV	5.35 ft	200.00 ml/min
2/13/2025 11:35 AM	15:00	6.12 pH	16.14 °C	206.11 µS/cm	3.11 mg/L	1.02 NTU	64.4 mV	5.37 ft	200.00 ml/min
2/13/2025 11:40 AM	20:00	6.07 pH	16.11 °C	204.16 µS/cm	2.85 mg/L	1.75 NTU	59.0 mV	5.39 ft	200.00 ml/min
2/13/2025 11:45 AM	25:00	6.02 pH	15.98 °C	205.29 µS/cm	2.61 mg/L	1.97 NTU	89.8 mV	5.39 ft	200.00 ml/min
2/13/2025 11:50 AM	30:00	6.00 pH	15.93 °C	206.90 µS/cm	2.42 mg/L	2.46 NTU	68.4 mV	5.39 ft	200.00 ml/min
2/13/2025 11:55 AM	35:00	5.96 pH	15.98 °C	208.07 µS/cm	2.25 mg/L	2.52 NTU	97.7 mV	5.40 ft	200.00 ml/min
2/13/2025 12:00 PM	40:00	5.94 pH	16.11 °C	208.02 µS/cm	2.10 mg/L	3.07 NTU	104.3 mV	5.42 ft	200.00 ml/min
2/13/2025 12:05 PM	45:00	5.92 pH	16.13 °C	209.32 µS/cm	1.97 mg/L	2.85 NTU	77.2 mV	5.42 ft	200.00 ml/min
2/13/2025 12:10 PM	50:00	5.88 pH	16.20 °C	208.10 µS/cm	1.77 mg/L	3.06 NTU	104.6 mV	5.43 ft	200.00 ml/min
2/13/2025 12:15 PM	55:00	5.89 pH	16.22 °C	209.17 µS/cm	1.77 mg/L	2.80 NTU	81.3 mV	5.44 ft	200.00 ml/min
2/13/2025 12:20 PM	01:00:00	5.86 pH	16.15 °C	207.49 µS/cm	1.79 mg/L	3.00 NTU	81.3 mV	5.44 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 2/18/2025 1:20:04 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 9.44 ft** **Total Depth: 19.44 ft** **Initial Depth to Water: 6.57 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 14 ft** **Estimated Total Volume Pumped: 7.9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Sunny 60 degrees, sample time 1405, FB-13 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/18/2025 1:20 PM	00:00	5.30 pH	19.18 °C	80.63 µS/cm	1.55 mg/L	20.30 NTU	157.0 mV	6.57 ft	175.00 ml/min
2/18/2025 1:25 PM	05:00	4.60 pH	16.91 °C	84.43 µS/cm	0.99 mg/L	16.00 NTU	164.9 mV	6.80 ft	175.00 ml/min
2/18/2025 1:30 PM	10:00	5.28 pH	16.74 °C	85.52 µS/cm	0.59 mg/L	4.72 NTU	139.8 mV	6.82 ft	175.00 ml/min
2/18/2025 1:35 PM	15:00	5.28 pH	16.65 °C	86.73 µS/cm	0.47 mg/L	3.11 NTU	132.0 mV	6.84 ft	175.00 ml/min
2/18/2025 1:40 PM	20:00	5.28 pH	16.68 °C	87.14 µS/cm	0.37 mg/L	2.29 NTU	125.9 mV	6.85 ft	175.00 ml/min
2/18/2025 1:45 PM	25:00	5.28 pH	16.51 °C	86.69 µS/cm	0.34 mg/L	2.23 NTU	123.4 mV	6.86 ft	175.00 ml/min
2/18/2025 1:50 PM	30:00	5.27 pH	16.56 °C	87.16 µS/cm	0.31 mg/L	1.66 NTU	122.5 mV	6.87 ft	175.00 ml/min
2/18/2025 1:55 PM	35:00	5.26 pH	16.59 °C	86.34 µS/cm	0.28 mg/L	1.72 NTU	122.1 mV	6.87 ft	175.00 ml/min
2/18/2025 2:00 PM	40:00	5.25 pH	16.50 °C	86.28 µS/cm	0.24 mg/L	2.00 NTU	122.1 mV	6.88 ft	175.00 ml/min
2/18/2025 2:05 PM	45:00	5.26 pH	16.48 °C	85.97 µS/cm	0.24 mg/L	1.45 NTU	122.6 mV	6.88 ft	175.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/18/2025 12:49:15 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 11.97 ft** **Total Depth: 21.97 ft** **Initial Depth to Water: 10.46 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 19.5 ft** **Estimated Total Volume Pumped: 12.6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 108 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Well purged dry. Allow overnight recharge. Partly cloudy 52 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/18/2025 12:49 PM	00:00	5.95 pH	18.97 °C	164.00 µS/cm	4.53 mg/L	3.50 NTU	119.9 mV	10.46 ft	130.00 ml/min
2/18/2025 12:54 PM	05:00	5.94 pH	16.95 °C	170.75 µS/cm	3.61 mg/L	3.30 NTU	187.4 mV	11.30 ft	130.00 ml/min
2/18/2025 12:59 PM	10:00	5.94 pH	16.75 °C	171.13 µS/cm	3.54 mg/L	3.10 NTU	252.8 mV	12.10 ft	130.00 ml/min
2/18/2025 1:04 PM	15:00	5.94 pH	16.71 °C	171.29 µS/cm	3.50 mg/L	3.10 NTU	297.2 mV	12.60 ft	130.00 ml/min
2/18/2025 1:09 PM	20:00	5.92 pH	16.71 °C	171.53 µS/cm	3.38 mg/L	2.60 NTU	315.6 mV	13.30 ft	250.00 ml/min
2/18/2025 1:14 PM	25:00	5.87 pH	16.63 °C	167.78 µS/cm	3.01 mg/L	2.10 NTU	428.5 mV	13.90 ft	250.00 ml/min
2/18/2025 1:19 PM	30:00	5.78 pH	16.64 °C	160.04 µS/cm	2.57 mg/L	3.30 NTU	184.1 mV	15.10 ft	250.00 ml/min
2/18/2025 1:24 PM	35:00	5.74 pH	16.69 °C	159.81 µS/cm	2.29 mg/L	2.33 NTU	120.7 mV	15.90 ft	250.00 ml/min
2/18/2025 1:29 PM	40:00	5.77 pH	16.87 °C	181.15 µS/cm	2.05 mg/L	2.00 NTU	92.4 mV	16.70 ft	250.00 ml/min
2/18/2025 1:34 PM	45:00	5.81 pH	17.22 °C	175.31 µS/cm	1.92 mg/L	1.97 NTU	95.3 mV	17.60 ft	250.00 ml/min
2/18/2025 1:39 PM	50:00	5.90 pH	17.48 °C	173.07 µS/cm	2.14 mg/L	1.90 NTU	94.4 mV	18.40 ft	250.00 ml/min
2/18/2025 1:44 PM	55:00	5.99 pH	17.57 °C	174.90 µS/cm	2.25 mg/L	2.70 NTU	95.0 mV	19.20 ft	250.00 ml/min
2/18/2025 1:49 PM	01:00:00	6.03 pH	17.84 °C	174.05 µS/cm	2.07 mg/L	1.30 NTU	116.8 mV	19.50 ft	250.00 ml/min

Low-Flow Test Report:

Test Date / Time: 2/19/2025 9:40:16 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 11.97 ft** **Total Depth: 21.97 ft** **Initial Depth to Water: 10.68 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 19 ft** **Estimated Total Volume Pumped: 0.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 0945. Rain 41 degrees. 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	
2/19/2025 9:40 AM	00:00	6.39 pH	5.86 °C	191.80 µS/cm	10.42 mg/L	2.56 NTU	202.5 mV	10.68 ft	100.00 ml/min
2/19/2025 9:45 AM	05:00	5.68 pH	5.69 °C	128.06 µS/cm	5.23 mg/L	2.11 NTU	136.9 mV	10.68 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 11:31:15 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.16 ft** **Total Depth: 18.16 ft** **Initial Depth to Water: 5.2 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 13 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Sunny 50 degrees, sample time 1231

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	
2/18/2025 11:31 AM	00:00	6.09 pH	16.77 °C	155.38 µS/cm	3.64 mg/L	41.10 NTU	-12.4 mV	5.20 ft	200.00 ml/min
2/18/2025 11:36 AM	05:00	6.01 pH	14.68 °C	165.00 µS/cm	0.49 mg/L	18.60 NTU	-19.7 mV	5.38 ft	200.00 ml/min
2/18/2025 11:41 AM	10:00	6.02 pH	14.45 °C	173.90 µS/cm	0.35 mg/L	14.10 NTU	-29.8 mV	5.40 ft	200.00 ml/min
2/18/2025 11:46 AM	15:00	6.03 pH	14.40 °C	177.49 µS/cm	0.24 mg/L	11.90 NTU	-25.3 mV	5.41 ft	200.00 ml/min
2/18/2025 11:51 AM	20:00	6.03 pH	14.36 °C	181.73 µS/cm	0.18 mg/L	12.50 NTU	-33.9 mV	5.42 ft	200.00 ml/min
2/18/2025 11:56 AM	25:00	6.04 pH	14.38 °C	182.62 µS/cm	0.14 mg/L	11.10 NTU	-34.5 mV	5.43 ft	200.00 ml/min
2/18/2025 12:01 PM	30:00	6.04 pH	14.46 °C	183.66 µS/cm	0.12 mg/L	8.72 NTU	-35.2 mV	5.43 ft	200.00 ml/min
2/18/2025 12:06 PM	35:00	6.04 pH	14.90 °C	181.48 µS/cm	0.11 mg/L	7.91 NTU	-35.5 mV	5.43 ft	200.00 ml/min
2/18/2025 12:11 PM	40:00	6.04 pH	15.03 °C	180.75 µS/cm	0.10 mg/L	7.00 NTU	-35.9 mV	5.44 ft	200.00 ml/min
2/18/2025 12:16 PM	45:00	6.04 pH	15.04 °C	181.70 µS/cm	0.09 mg/L	6.13 NTU	-36.5 mV	5.44 ft	200.00 ml/min
2/18/2025 12:21 PM	50:00	6.04 pH	15.20 °C	180.15 µS/cm	0.09 mg/L	4.80 NTU	-36.5 mV	5.44 ft	200.00 ml/min
2/18/2025 12:26 PM	55:00	6.05 pH	15.30 °C	181.77 µS/cm	0.09 mg/L	4.22 NTU	-37.2 mV	5.44 ft	200.00 ml/min
2/18/2025 12:31 PM	01:00:00	6.05 pH	15.23 °C	180.57 µS/cm	0.09 mg/L	4.10 NTU	-37.0 mV	5.44 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 2/17/2025 11:48:16 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.54 ft** **Total Depth: 40.54 ft** **Initial Depth to Water: 27.19 ft**	**Pump Type: Ded. Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 2.88 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 21.7 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1213. Clear, 43 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	
2/17/2025 11:48 AM	00:00	7.56 pH	18.08 °C	379.77 µS/cm	7.44 mg/L	1.20 NTU	180.4 mV	27.19 ft	175.00 ml/min
2/17/2025 11:53 AM	05:00	7.17 pH	16.97 °C	349.39 µS/cm	1.73 mg/L	8.30 NTU	-33.3 mV	28.22 ft	100.00 ml/min
2/17/2025 11:58 AM	10:00	7.23 pH	16.90 °C	351.33 µS/cm	1.26 mg/L	13.00 NTU	-53.4 mV	28.70 ft	100.00 ml/min
2/17/2025 12:03 PM	15:00	7.25 pH	17.05 °C	352.38 µS/cm	1.09 mg/L	9.20 NTU	-58.2 mV	28.90 ft	100.00 ml/min
2/17/2025 12:08 PM	20:00	7.27 pH	17.04 °C	353.32 µS/cm	0.96 mg/L	6.30 NTU	-61.9 mV	29.00 ft	100.00 ml/min
2/17/2025 12:13 PM	25:00	7.28 pH	17.01 °C	352.17 µS/cm	1.04 mg/L	4.84 NTU	-60.4 mV	29.00 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 11:33:17 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.46 ft** **Total Depth: 90.46 ft** **Initial Depth to Water: 5.73 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85 ft** **Estimated Total Volume Pumped: 6.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 3.24 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1158. P. Cloudy 48 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/18/2025 11:33 AM	00:00	6.54 pH	17.98 °C	51.56 µS/cm	6.03 mg/L	2.45 NTU	63.0 mV	5.73 ft	250.00 ml/min
2/18/2025 11:38 AM	05:00	6.59 pH	16.39 °C	58.75 µS/cm	3.36 mg/L	2.87 NTU	50.3 mV	5.80 ft	250.00 ml/min
2/18/2025 11:43 AM	10:00	6.59 pH	16.58 °C	58.49 µS/cm	3.13 mg/L	2.04 NTU	44.7 mV	5.90 ft	250.00 ml/min
2/18/2025 11:48 AM	15:00	6.57 pH	16.75 °C	57.35 µS/cm	3.11 mg/L	1.77 NTU	54.7 mV	5.90 ft	250.00 ml/min
2/18/2025 11:53 AM	20:00	6.55 pH	16.88 °C	56.54 µS/cm	3.29 mg/L	1.22 NTU	39.6 mV	5.90 ft	250.00 ml/min
2/18/2025 11:58 AM	25:00	6.54 pH	17.01 °C	55.60 µS/cm	3.35 mg/L	0.81 NTU	37.0 mV	6.00 ft	250.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/17/2025 12:25:06 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-14 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.34 ft** **Total Depth: 24.34 ft** **Initial Depth to Water: 8.61 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 19 ft** **Estimated Total Volume Pumped: 19.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Sunny 50 degrees, sample time 1435

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	
2/17/2025 12:25 PM	00:00	5.82 pH	16.89 °C	379.52 µS/cm	1.12 mg/L	25.40 NTU	39.9 mV	8.61 ft	150.00 ml/min
2/17/2025 12:30 PM	05:00	5.84 pH	15.36 °C	388.71 µS/cm	0.34 mg/L	17.90 NTU	37.1 mV	8.74 ft	150.00 ml/min
2/17/2025 12:35 PM	10:00	5.85 pH	15.35 °C	389.32 µS/cm	0.23 mg/L	19.30 NTU	35.7 mV	8.75 ft	150.00 ml/min
2/17/2025 12:40 PM	15:00	5.86 pH	15.66 °C	388.01 µS/cm	0.19 mg/L	11.70 NTU	34.3 mV	8.76 ft	150.00 ml/min
2/17/2025 12:45 PM	20:00	5.87 pH	15.53 °C	389.17 µS/cm	0.16 mg/L	8.39 NTU	33.9 mV	8.76 ft	150.00 ml/min
2/17/2025 12:50 PM	25:00	5.89 pH	15.30 °C	387.26 µS/cm	0.15 mg/L	9.38 NTU	30.5 mV	8.76 ft	150.00 ml/min
2/17/2025 12:55 PM	30:00	5.89 pH	15.28 °C	385.26 µS/cm	0.13 mg/L	8.22 NTU	29.8 mV	8.76 ft	150.00 ml/min
2/17/2025 1:00 PM	35:00	5.90 pH	15.44 °C	384.77 µS/cm	0.12 mg/L	8.03 NTU	30.3 mV	8.76 ft	150.00 ml/min
2/17/2025 1:05 PM	40:00	5.90 pH	15.39 °C	385.76 µS/cm	0.12 mg/L	7.82 NTU	29.8 mV	8.77 ft	150.00 ml/min
2/17/2025 1:10 PM	45:00	5.92 pH	15.80 °C	381.81 µS/cm	0.11 mg/L	8.86 NTU	27.0 mV	8.77 ft	150.00 ml/min
2/17/2025 1:15 PM	50:00	5.92 pH	15.68 °C	381.64 µS/cm	0.11 mg/L	5.73 NTU	26.2 mV	8.77 ft	150.00 ml/min
2/17/2025 1:20 PM	55:00	5.93 pH	15.77 °C	381.48 µS/cm	0.11 mg/L	6.11 NTU	25.7 mV	8.77 ft	150.00 ml/min
2/17/2025 1:25 PM	01:00:00	5.94 pH	15.58 °C	377.26 µS/cm	0.10 mg/L	5.99 NTU	24.3 mV	8.77 ft	150.00 ml/min
2/17/2025 1:30 PM	01:05:00	5.94 pH	15.76 °C	378.15 µS/cm	0.09 mg/L	5.79 NTU	25.2 mV	8.77 ft	150.00 ml/min
2/17/2025 1:35 PM	01:10:00	5.94 pH	15.57 °C	379.09 µS/cm	0.09 mg/L	6.66 NTU	24.6 mV	8.77 ft	150.00 ml/min

2/17/2025 1:40 PM	01:15:00	5.94 pH	15.68 °C	376.62 µS/cm	0.09 mg/L	5.76 NTU	24.7 mV	8.77 ft	150.00 ml/min
2/17/2025 1:45 PM	01:20:00	5.94 pH	15.71 °C	375.26 µS/cm	0.08 mg/L	6.20 NTU	24.2 mV	8.77 ft	150.00 ml/min
2/17/2025 1:50 PM	01:25:00	5.95 pH	15.70 °C	372.44 µS/cm	0.08 mg/L	6.21 NTU	24.9 mV	8.77 ft	150.00 ml/min
2/17/2025 1:55 PM	01:30:00	5.95 pH	15.89 °C	372.60 µS/cm	0.08 mg/L	7.15 NTU	23.3 mV	8.77 ft	150.00 ml/min
2/17/2025 2:00 PM	01:35:00	5.94 pH	15.77 °C	373.13 µS/cm	0.08 mg/L	6.13 NTU	24.1 mV	8.77 ft	150.00 ml/min
2/17/2025 2:05 PM	01:40:00	5.95 pH	15.80 °C	370.07 µS/cm	0.08 mg/L	7.13 NTU	24.5 mV	8.77 ft	150.00 ml/min
2/17/2025 2:10 PM	01:45:00	5.95 pH	15.75 °C	371.12 µS/cm	0.08 mg/L	5.35 NTU	24.4 mV	8.77 ft	150.00 ml/min
2/17/2025 2:15 PM	01:50:00	5.95 pH	15.75 °C	368.63 µS/cm	0.08 mg/L	5.92 NTU	25.0 mV	8.77 ft	150.00 ml/min
2/17/2025 2:20 PM	01:55:00	5.94 pH	15.66 °C	371.41 µS/cm	0.07 mg/L	5.38 NTU	24.2 mV	8.77 ft	150.00 ml/min
2/17/2025 2:25 PM	02:00:00	5.95 pH	15.71 °C	368.04 µS/cm	0.07 mg/L	4.81 NTU	25.9 mV	8.77 ft	150.00 ml/min
2/17/2025 2:30 PM	02:05:00	5.95 pH	15.57 °C	367.79 µS/cm	0.07 mg/L	4.56 NTU	24.6 mV	8.77 ft	150.00 ml/min
2/17/2025 2:35 PM	02:10:00	5.94 pH	15.66 °C	369.78 µS/cm	0.07 mg/L	4.44 NTU	25.3 mV	8.77 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 9:50:04 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-15 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41.06 ft** **Total Depth: 51.06 ft** **Initial Depth to Water: 5.27 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Cloudy 40 degrees, sample time 1020, EB-06 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/18/2025 9:50 AM	00:00	6.75 pH	13.26 °C	103.24 µS/cm	4.37 mg/L	2.31 NTU	130.3 mV	5.27 ft	200.00 ml/min
2/18/2025 9:55 AM	05:00	6.50 pH	14.26 °C	99.50 µS/cm	3.97 mg/L	1.20 NTU	104.6 mV	5.37 ft	200.00 ml/min
2/18/2025 10:00 AM	10:00	6.48 pH	14.54 °C	97.95 µS/cm	3.86 mg/L	3.25 NTU	95.4 mV	5.38 ft	200.00 ml/min
2/18/2025 10:05 AM	15:00	6.46 pH	14.80 °C	98.76 µS/cm	3.79 mg/L	1.09 NTU	91.1 mV	5.39 ft	200.00 ml/min
2/18/2025 10:10 AM	20:00	6.46 pH	14.94 °C	96.30 µS/cm	3.78 mg/L	0.88 NTU	89.0 mV	5.40 ft	200.00 ml/min
2/18/2025 10:15 AM	25:00	6.45 pH	15.00 °C	97.15 µS/cm	3.78 mg/L	0.75 NTU	87.8 mV	5.40 ft	200.00 ml/min
2/18/2025 10:20 AM	30:00	6.45 pH	15.06 °C	98.02 µS/cm	3.76 mg/L	0.93 NTU	87.2 mV	5.41 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:02:39 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-16 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.89 ft** **Total Depth: 26.89 ft** **Initial Depth to Water: 10.27 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 21 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1528. Cloudy 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	
2/11/2025 3:02 PM	00:00	6.38 pH	12.26 °C	127.83 µS/cm	4.80 mg/L	0.70 NTU	147.5 mV	10.27 ft	200.00 ml/min
2/11/2025 3:07 PM	05:00	6.35 pH	15.62 °C	116.98 µS/cm	2.80 mg/L	0.35 NTU	150.1 mV	10.35 ft	200.00 ml/min
2/11/2025 3:12 PM	10:00	6.15 pH	16.32 °C	97.84 µS/cm	2.73 mg/L	0.25 NTU	96.7 mV	10.35 ft	200.00 ml/min
2/11/2025 3:17 PM	15:00	6.15 pH	16.58 °C	94.33 µS/cm	2.70 mg/L	0.25 NTU	86.3 mV	10.35 ft	200.00 ml/min
2/11/2025 3:22 PM	20:00	6.15 pH	16.65 °C	93.76 µS/cm	2.68 mg/L	0.18 NTU	84.5 mV	10.40 ft	200.00 ml/min
2/11/2025 3:27 PM	25:00	6.15 pH	16.69 °C	93.11 µS/cm	2.66 mg/L	0.17 NTU	82.2 mV	10.40 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 1:55:06 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.2 ft** **Total Depth: 53.2 ft** **Initial Depth to Water: 20.06 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 48 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 18 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sunny 57 degrees, sample time

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 1:55 PM	00:00	6.48 pH	21.24 °C	102.64 µS/cm	4.60 mg/L	20.40 NTU	110.3 mV	20.06 ft	150.00 ml/min
2/13/2025 2:00 PM	05:00	6.04 pH	17.46 °C	107.45 µS/cm	1.71 mg/L	6.80 NTU	61.4 mV	21.12 ft	150.00 ml/min
2/13/2025 2:05 PM	10:00	6.05 pH	17.23 °C	107.84 µS/cm	1.60 mg/L	3.93 NTU	49.0 mV	21.30 ft	150.00 ml/min
2/13/2025 2:10 PM	15:00	6.03 pH	17.11 °C	110.48 µS/cm	1.51 mg/L	3.69 NTU	44.6 mV	21.45 ft	150.00 ml/min
2/13/2025 2:15 PM	20:00	6.01 pH	17.13 °C	113.78 µS/cm	1.41 mg/L	1.36 NTU	44.7 mV	21.55 ft	150.00 ml/min
2/13/2025 2:20 PM	25:00	6.00 pH	17.51 °C	116.26 µS/cm	1.35 mg/L	1.58 NTU	42.5 mV	21.55 ft	150.00 ml/min
2/13/2025 2:25 PM	30:00	6.00 pH	17.68 °C	115.89 µS/cm	1.32 mg/L	3.44 NTU	41.3 mV	21.57 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 3:10:04 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 20.39 ft** **Total Depth: 30.39 ft** **Initial Depth to Water: 11.13 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 25 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sunny 57 degrees, sample time 1540, EB-05 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/13/2025 3:10 PM	00:00	5.92 pH	16.38 °C	98.00 µS/cm	1.25 mg/L	0.67 NTU	120.6 mV	11.13 ft	150.00 ml/min
2/13/2025 3:15 PM	05:00	5.88 pH	15.57 °C	100.28 µS/cm	0.81 mg/L	0.69 NTU	80.7 mV	11.20 ft	150.00 ml/min
2/13/2025 3:20 PM	10:00	5.88 pH	15.61 °C	99.72 µS/cm	0.62 mg/L	0.68 NTU	78.6 mV	11.21 ft	150.00 ml/min
2/13/2025 3:25 PM	15:00	5.87 pH	15.54 °C	100.03 µS/cm	0.52 mg/L	0.66 NTU	75.2 mV	11.22 ft	150.00 ml/min
2/13/2025 3:30 PM	20:00	5.89 pH	15.58 °C	99.83 µS/cm	0.46 mg/L	0.49 NTU	68.0 mV	11.23 ft	150.00 ml/min
2/13/2025 3:35 PM	25:00	5.88 pH	15.57 °C	99.41 µS/cm	0.43 mg/L	0.78 NTU	94.6 mV	11.23 ft	150.00 ml/min
2/13/2025 3:40 PM	30:00	5.89 pH	15.71 °C	99.89 µS/cm	0.42 mg/L	0.81 NTU	65.8 mV	11.23 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/14/2025 9:10:03 AM
Project: Plant Wansley Landfill
Operator Name: J. May

Location Name: GWC-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.43 ft** **Total Depth: 38.43 ft** **Initial Depth to Water: 5.63 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 21.24 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 0945
Sunny, 40s

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	
2/14/2025 9:10 AM	00:00	5.86 pH	7.18 °C	84.54 µS/cm	3.50 mg/L	21.60 NTU	199.0 mV	5.63 ft	200.00 ml/min
2/14/2025 9:15 AM	05:00	5.87 pH	10.16 °C	83.13 µS/cm	2.44 mg/L	5.40 NTU	189.4 mV	6.80 ft	200.00 ml/min
2/14/2025 9:20 AM	10:00	5.86 pH	10.81 °C	81.37 µS/cm	1.95 mg/L	3.78 NTU	182.6 mV	7.00 ft	200.00 ml/min
2/14/2025 9:25 AM	15:00	5.85 pH	11.06 °C	80.10 µS/cm	1.70 mg/L	3.04 NTU	177.0 mV	7.20 ft	200.00 ml/min
2/14/2025 9:30 AM	20:00	5.83 pH	11.30 °C	78.88 µS/cm	1.41 mg/L	2.32 NTU	172.5 mV	7.30 ft	200.00 ml/min
2/14/2025 9:35 AM	25:00	5.81 pH	11.36 °C	77.21 µS/cm	1.18 mg/L	2.72 NTU	167.9 mV	7.40 ft	200.00 ml/min
2/14/2025 9:40 AM	30:00	5.80 pH	11.64 °C	76.25 µS/cm	1.02 mg/L	1.44 NTU	164.3 mV	7.40 ft	200.00 ml/min
2/14/2025 9:45 AM	35:00	5.79 pH	12.34 °C	75.63 µS/cm	0.95 mg/L	1.20 NTU	159.8 mV	7.40 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/14/2025 9:05:29 AM
Project: Plant Wansley Landfill
Operator Name: D. Johnson

Location Name: GWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 60.96 ft** **Total Depth: 70.96 ft** **Initial Depth to Water: 5.17 ft**	**Pump Type: Peri Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 66 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.8 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 0950. Sunny, 38 degrees F.
FD-06 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	
2/14/2025 9:05 AM	00:00	6.86 pH	4.41 °C	198.26 µS/cm	10.92 mg/L	0.75 NTU	76.3 mV	5.17 ft	200.00 ml/min
2/14/2025 9:10 AM	05:00	6.39 pH	9.68 °C	106.62 µS/cm	3.55 mg/L	0.53 NTU	49.7 mV	5.26 ft	200.00 ml/min
2/14/2025 9:15 AM	10:00	6.34 pH	11.29 °C	103.28 µS/cm	3.23 mg/L	0.26 NTU	44.3 mV	5.30 ft	200.00 ml/min
2/14/2025 9:20 AM	15:00	6.33 pH	12.17 °C	101.25 µS/cm	3.07 mg/L	0.24 NTU	42.2 mV	5.31 ft	200.00 ml/min
2/14/2025 9:25 AM	20:00	6.32 pH	12.81 °C	100.03 µS/cm	2.98 mg/L	0.21 NTU	41.0 mV	5.32 ft	200.00 ml/min
2/14/2025 9:30 AM	25:00	6.24 pH	13.17 °C	101.08 µS/cm	2.00 mg/L	0.22 NTU	45.8 mV	5.32 ft	200.00 ml/min
2/14/2025 9:35 AM	30:00	6.18 pH	13.18 °C	101.35 µS/cm	1.27 mg/L	0.25 NTU	44.0 mV	5.32 ft	200.00 ml/min
2/14/2025 9:40 AM	35:00	6.14 pH	13.04 °C	102.33 µS/cm	0.79 mg/L	0.28 NTU	43.7 mV	5.32 ft	200.00 ml/min
2/14/2025 9:45 AM	40:00	6.12 pH	13.40 °C	101.60 µS/cm	0.50 mg/L	0.25 NTU	46.9 mV	5.32 ft	200.00 ml/min
2/14/2025 9:50 AM	45:00	6.10 pH	13.68 °C	102.45 µS/cm	0.37 mg/L	0.22 NTU	45.2 mV	5.32 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 1:40:23 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.3 ft** **Total Depth: 38.3 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: 33 ft** **Estimated Total Volume Pumped: 4.2 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 31 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1410. Rain, 56 degrees. FB-10 here at 1430.

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 1:40 PM	00:00	5.85 pH	11.49 °C	85.42 µS/cm	3.94 mg/L	1.40 NTU	135.2 mV	17.91 ft	140.00 ml/min
2/11/2025 1:45 PM	05:00	5.79 pH	14.04 °C	79.41 µS/cm	2.07 mg/L	1.80 NTU	115.7 mV	19.10 ft	140.00 ml/min
2/11/2025 1:50 PM	10:00	5.79 pH	14.64 °C	77.94 µS/cm	1.87 mg/L	1.60 NTU	113.6 mV	19.40 ft	140.00 ml/min
2/11/2025 1:55 PM	15:00	5.79 pH	14.60 °C	77.58 µS/cm	1.82 mg/L	1.27 NTU	119.7 mV	19.90 ft	140.00 ml/min
2/11/2025 2:00 PM	20:00	5.79 pH	14.59 °C	77.45 µS/cm	1.84 mg/L	1.20 NTU	114.4 mV	20.30 ft	140.00 ml/min
2/11/2025 2:05 PM	25:00	5.79 pH	14.54 °C	77.14 µS/cm	1.85 mg/L	1.18 NTU	113.1 mV	20.40 ft	140.00 ml/min
2/11/2025 2:10 PM	30:00	5.79 pH	14.55 °C	76.45 µS/cm	1.84 mg/L	3.20 NTU	112.7 mV	20.50 ft	140.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 12:24:19 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-22 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 67.13 ft** **Total Depth: 77.13 ft** **Initial Depth to Water: 29.44 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 72 ft** **Estimated Total Volume Pumped: 2.95 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 6.72 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1249. Cloudy, 52 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2025 12:24 PM	00:00	6.67 pH	10.17 °C	115.92 µS/cm	7.58 mg/L	5.00 NTU	147.0 mV	29.44 ft	100.00 ml/min
2/11/2025 12:29 PM	05:00	6.54 pH	12.79 °C	115.07 µS/cm	5.01 mg/L	2.00 NTU	98.0 mV	29.70 ft	100.00 ml/min
2/11/2025 12:34 PM	10:00	6.53 pH	14.08 °C	113.45 µS/cm	4.61 mg/L	0.98 NTU	84.9 mV	29.80 ft	130.00 ml/min
2/11/2025 12:39 PM	15:00	6.52 pH	14.11 °C	111.49 µS/cm	4.42 mg/L	1.30 NTU	81.7 mV	29.90 ft	130.00 ml/min
2/11/2025 12:44 PM	20:00	6.54 pH	14.22 °C	109.57 µS/cm	4.51 mg/L	1.13 NTU	87.0 mV	29.90 ft	130.00 ml/min
2/11/2025 12:49 PM	25:00	6.54 pH	14.30 °C	110.65 µS/cm	4.63 mg/L	1.04 NTU	86.2 mV	30.00 ft	130.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 1:36:11 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-23 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 57.95 ft** **Total Depth: 67.95 ft** **Initial Depth to Water: 40.24 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 63 ft** **Estimated Total Volume Pumped: 5.2 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 14 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Rainy 50 degrees, 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	+/- 0.3	
2/11/2025 1:36 PM	00:00	5.97 pH	14.45 °C	46.96 µS/cm	5.82 mg/L	0.86 NTU	109.7 mV	41.00 ft	175.00 ml/min
2/11/2025 1:41 PM	05:00	5.91 pH	15.77 °C	46.88 µS/cm	4.90 mg/L	1.31 NTU	77.4 mV	41.24 ft	175.00 ml/min
2/11/2025 1:46 PM	10:00	5.91 pH	15.84 °C	47.15 µS/cm	4.63 mg/L	0.86 NTU	71.8 mV	41.36 ft	175.00 ml/min
2/11/2025 1:51 PM	15:00	5.91 pH	15.83 °C	47.25 µS/cm	4.50 mg/L	0.65 NTU	71.2 mV	41.39 ft	175.00 ml/min
2/11/2025 1:56 PM	20:00	5.91 pH	15.79 °C	47.16 µS/cm	4.47 mg/L	0.91 NTU	68.0 mV	41.40 ft	175.00 ml/min
2/11/2025 2:01 PM	25:00	5.91 pH	15.85 °C	47.02 µS/cm	4.48 mg/L	0.77 NTU	68.3 mV	41.40 ft	175.00 ml/min
2/11/2025 2:06 PM	30:00	5.91 pH	15.84 °C	46.82 µS/cm	4.49 mg/L	0.86 NTU	67.1 mV	41.40 ft	175.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 9:53:07 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-24 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41.09 ft** **Total Depth: 51.09 ft** **Initial Depth to Water: 48.36 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 50.5 ft** **Estimated Total Volume Pumped: 2.9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 13.7 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Well purged dry. Allow overnight recharge. Cloudy, 52. EB-04 here at 1030.

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 9:53 AM	00:00	6.78 pH	12.91 °C	170.98 µS/cm	10.17 mg/L	179.00 NTU	206.0 mV	48.36 ft	100.00 ml/min
2/13/2025 9:58 AM	05:00	5.37 pH	14.69 °C	33.73 µS/cm	6.49 mg/L	91.00 NTU	201.0 mV	48.63 ft	100.00 ml/min
2/13/2025 10:03 AM	10:00	5.36 pH	15.21 °C	32.30 µS/cm	6.64 mg/L	20.30 NTU	165.4 mV	48.93 ft	100.00 ml/min
2/13/2025 10:08 AM	15:00	5.30 pH	15.60 °C	31.17 µS/cm	6.57 mg/L	7.30 NTU	152.3 mV	49.20 ft	100.00 ml/min
2/13/2025 10:13 AM	20:00	5.26 pH	15.72 °C	30.67 µS/cm	6.36 mg/L	3.91 NTU	138.6 mV	49.40 ft	100.00 ml/min
2/13/2025 10:14 AM	20:56	5.27 pH	15.77 °C	30.61 µS/cm	6.31 mg/L	3.90 NTU	176.2 mV	49.40 ft	100.00 ml/min
2/13/2025 10:19 AM	25:56	5.30 pH	15.84 °C	30.85 µS/cm	6.07 mg/L	10.50 NTU	134.1 mV	49.50 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/14/2025 9:00:16 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-24 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41.09 ft** **Total Depth: 51.09 ft** **Initial Depth to Water: 48.48 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 50 ft** **Estimated Total Volume Pumped: 1.1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 0915. Clear 37 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	
2/14/2025 9:00 AM	00:00	5.40 pH	2.99 °C	208.21 µS/cm	11.91 mg/L	29.00 NTU	192.4 mV	48.48 ft	75.00 ml/min
2/14/2025 9:05 AM	05:00	5.15 pH	9.99 °C	36.67 µS/cm	6.88 mg/L	25.00 NTU	165.6 mV	48.80 ft	75.00 ml/min
2/14/2025 9:10 AM	10:00	5.16 pH	11.20 °C	32.89 µS/cm	6.30 mg/L	11.00 NTU	94.0 mV	48.90 ft	75.00 ml/min
2/14/2025 9:15 AM	15:00	5.16 pH	9.94 °C	32.14 µS/cm	6.39 mg/L	5.50 NTU	80.6 mV	49.00 ft	75.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 10:54:26 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.29 ft** **Total Depth: 61.29 ft** **Initial Depth to Water: 52.4 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 56 ft** **Estimated Total Volume Pumped: 11.3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 43.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Well purged dry. Allow overnight recharge. Partly cloudy 55 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 10:54 AM	00:00	6.27 pH	15.08 °C	92.05 µS/cm	8.81 mg/L	3.88 NTU	139.9 mV	52.40 ft	125.00 ml/min
2/13/2025 10:59 AM	05:00	6.21 pH	15.53 °C	83.58 µS/cm	6.86 mg/L	0.86 NTU	176.0 mV	52.70 ft	125.00 ml/min
2/13/2025 11:04 AM	10:00	6.18 pH	15.66 °C	80.66 µS/cm	6.69 mg/L	3.50 NTU	172.0 mV	52.90 ft	125.00 ml/min
2/13/2025 11:09 AM	15:00	6.15 pH	15.76 °C	80.94 µS/cm	6.27 mg/L	3.30 NTU	108.3 mV	53.00 ft	125.00 ml/min
2/13/2025 11:14 AM	20:00	6.16 pH	15.71 °C	82.80 µS/cm	5.32 mg/L	2.89 NTU	103.5 mV	53.00 ft	125.00 ml/min
2/13/2025 11:19 AM	25:00	6.17 pH	15.68 °C	85.91 µS/cm	4.48 mg/L	2.79 NTU	98.2 mV	53.00 ft	125.00 ml/min
2/13/2025 11:24 AM	30:00	6.19 pH	15.66 °C	87.01 µS/cm	3.99 mg/L	2.10 NTU	138.9 mV	53.00 ft	125.00 ml/min
2/13/2025 11:29 AM	35:00	6.21 pH	15.73 °C	88.61 µS/cm	3.99 mg/L	1.46 NTU	94.4 mV	53.00 ft	125.00 ml/min
2/13/2025 11:34 AM	40:00	6.22 pH	15.81 °C	88.88 µS/cm	4.08 mg/L	0.96 NTU	89.7 mV	53.00 ft	125.00 ml/min
2/13/2025 11:39 AM	45:00	6.25 pH	15.79 °C	89.31 µS/cm	4.05 mg/L	0.64 NTU	86.8 mV	53.00 ft	125.00 ml/min
2/13/2025 11:44 AM	50:00	6.29 pH	15.62 °C	90.06 µS/cm	3.90 mg/L	0.50 NTU	84.8 mV	53.00 ft	125.00 ml/min
2/13/2025 11:49 AM	55:00	6.33 pH	15.66 °C	91.29 µS/cm	3.76 mg/L	0.45 NTU	82.9 mV	53.00 ft	125.00 ml/min
2/13/2025 11:54 AM	01:00:00	6.35 pH	15.57 °C	92.54 µS/cm	3.61 mg/L	0.29 NTU	122.5 mV	53.00 ft	125.00 ml/min
2/13/2025 11:59 AM	01:05:00	6.34 pH	15.57 °C	93.27 µS/cm	3.70 mg/L	0.40 NTU	82.8 mV	53.00 ft	100.00 ml/min

2/13/2025 12:04 PM	01:10:00	6.33 pH	15.39 °C	92.57 µS/cm	3.80 mg/L	0.30 NTU	80.2 mV	53.00 ft	100.00 ml/min
2/13/2025 12:09 PM	01:15:00	6.32 pH	15.24 °C	91.71 µS/cm	3.84 mg/L	0.30 NTU	82.5 mV	53.00 ft	100.00 ml/min
2/13/2025 12:14 PM	01:20:00	6.33 pH	15.18 °C	92.58 µS/cm	3.74 mg/L	0.26 NTU	81.4 mV	53.00 ft	80.00 ml/min
2/13/2025 12:19 PM	01:25:00	6.32 pH	15.09 °C	92.28 µS/cm	3.72 mg/L	0.22 NTU	80.7 mV	53.00 ft	80.00 ml/min
2/13/2025 12:24 PM	01:30:00	6.33 pH	15.05 °C	92.83 µS/cm	3.61 mg/L	0.48 NTU	79.4 mV	53.00 ft	80.00 ml/min
2/13/2025 12:29 PM	01:35:00	6.34 pH	15.05 °C	93.02 µS/cm	3.39 mg/L	0.40 NTU	117.1 mV	53.00 ft	50.00 ml/min
2/13/2025 12:34 PM	01:40:00	6.33 pH	14.86 °C	88.59 µS/cm	3.68 mg/L	0.50 NTU	122.2 mV	53.00 ft	50.00 ml/min
2/13/2025 12:39 PM	01:45:00	6.31 pH	14.80 °C	92.19 µS/cm	7.01 mg/L	2.82 NTU	126.4 mV	53.00 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/14/2025 9:56:34 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.29 ft** **Total Depth: 61.29 ft** **Initial Depth to Water: 52.38 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 56 ft** **Estimated Total Volume Pumped: 1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sampled after overnight recharge. Sample time 1006. Clear, 39 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	
2/14/2025 9:56 AM	00:00	6.34 pH	6.54 °C	103.19 µS/cm	9.62 mg/L	3.10 NTU	122.2 mV	52.38 ft	100.00 ml/min
2/14/2025 10:01 AM	05:00	6.19 pH	11.60 °C	94.93 µS/cm	7.13 mg/L	0.80 NTU	130.3 mV	52.70 ft	100.00 ml/min
2/14/2025 10:06 AM	10:00	6.12 pH	12.85 °C	92.17 µS/cm	6.01 mg/L	0.70 NTU	107.0 mV	52.90 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 1:13:17 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-26 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.54 ft** **Total Depth: 59.54 ft** **Initial Depth to Water: 34.42 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: 3.1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 17.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1343. Sunny, 56.

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 1:13 PM	00:00	8.06 pH	16.09 °C	46.93 µS/cm	8.99 mg/L	0.81 NTU	97.9 mV	34.42 ft	100.00 ml/min
2/13/2025 1:18 PM	05:00	5.73 pH	16.43 °C	43.77 µS/cm	7.23 mg/L	0.56 NTU	118.9 mV	35.20 ft	100.00 ml/min
2/13/2025 1:23 PM	10:00	5.72 pH	16.56 °C	43.79 µS/cm	7.06 mg/L	1.42 NTU	117.4 mV	35.50 ft	100.00 ml/min
2/13/2025 1:28 PM	15:00	5.72 pH	16.50 °C	43.36 µS/cm	7.07 mg/L	1.69 NTU	173.6 mV	35.60 ft	100.00 ml/min
2/13/2025 1:33 PM	20:00	5.72 pH	16.49 °C	43.27 µS/cm	7.03 mg/L	1.10 NTU	117.7 mV	35.65 ft	100.00 ml/min
2/13/2025 1:38 PM	25:00	5.70 pH	16.55 °C	42.62 µS/cm	7.07 mg/L	1.20 NTU	111.1 mV	35.75 ft	125.00 ml/min
2/13/2025 1:43 PM	30:00	5.70 pH	16.56 °C	42.43 µS/cm	7.04 mg/L	1.00 NTU	109.1 mV	35.85 ft	125.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:22:07 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-27 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 60.94 ft** **Total Depth: 70.94 ft** **Initial Depth to Water: 46.56 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: 6.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 29 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Rainy 50 degrees, sample time 1607

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 3:22 PM	00:00	6.31 pH	12.53 °C	42.32 µS/cm	9.17 mg/L	2.55 NTU	122.6 mV	46.56 ft	150.00 ml/min
2/11/2025 3:27 PM	05:00	5.40 pH	15.10 °C	27.95 µS/cm	5.44 mg/L	14.90 NTU	97.8 mV	47.87 ft	150.00 ml/min
2/11/2025 3:32 PM	10:00	5.34 pH	15.29 °C	25.80 µS/cm	5.21 mg/L	9.36 NTU	87.9 mV	48.48 ft	150.00 ml/min
2/11/2025 3:37 PM	15:00	5.26 pH	15.32 °C	25.01 µS/cm	5.09 mg/L	5.39 NTU	87.0 mV	48.85 ft	150.00 ml/min
2/11/2025 3:42 PM	20:00	5.26 pH	15.25 °C	24.88 µS/cm	4.87 mg/L	4.36 NTU	88.9 mV	49.00 ft	130.00 ml/min
2/11/2025 3:47 PM	25:00	5.31 pH	15.03 °C	27.46 µS/cm	4.95 mg/L	3.27 NTU	68.7 mV	49.00 ft	130.00 ml/min
2/11/2025 3:52 PM	30:00	5.41 pH	15.03 °C	32.56 µS/cm	4.63 mg/L	2.16 NTU	77.2 mV	49.00 ft	130.00 ml/min
2/11/2025 3:57 PM	35:00	5.47 pH	15.04 °C	35.46 µS/cm	4.50 mg/L	1.70 NTU	67.7 mV	49.00 ft	130.00 ml/min
2/11/2025 4:02 PM	40:00	5.50 pH	15.08 °C	36.72 µS/cm	4.48 mg/L	1.26 NTU	60.7 mV	49.00 ft	130.00 ml/min
2/11/2025 4:07 PM	45:00	5.51 pH	15.10 °C	37.10 µS/cm	4.48 mg/L	1.93 NTU	54.3 mV	49.00 ft	130.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2025 1:59:16 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWA-28 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.83 ft** **Total Depth: 45.83 ft** **Initial Depth to Water: 27.77 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 40 ft** **Estimated Total Volume Pumped: 6.4 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 61 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Cloudy 60 degrees, sample time 1501

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 1:59 PM	00:00	6.21 pH	16.65 °C	71.26 µS/cm	6.40 mg/L	1.26 NTU	128.7 mV	28.89 ft	120.00 ml/min
2/10/2025 2:04 PM	05:00	6.16 pH	16.60 °C	72.98 µS/cm	6.23 mg/L	0.83 NTU	87.0 mV	29.45 ft	120.00 ml/min
2/10/2025 2:05 PM	05:53	6.16 pH	16.57 °C	72.66 µS/cm	6.22 mg/L	0.89 NTU	107.3 mV	29.58 ft	120.00 ml/min
2/10/2025 2:10 PM	10:53	6.15 pH	16.73 °C	72.57 µS/cm	6.21 mg/L	1.00 NTU	78.4 mV	30.09 ft	120.00 ml/min
2/10/2025 2:15 PM	15:53	6.14 pH	16.71 °C	72.49 µS/cm	6.22 mg/L	0.67 NTU	76.3 mV	30.59 ft	100.00 ml/min
2/10/2025 2:20 PM	20:53	6.12 pH	16.49 °C	71.09 µS/cm	6.25 mg/L	0.63 NTU	107.4 mV	30.89 ft	100.00 ml/min
2/10/2025 2:25 PM	25:53	6.10 pH	16.51 °C	70.06 µS/cm	6.31 mg/L	0.60 NTU	108.3 mV	31.15 ft	100.00 ml/min
2/10/2025 2:30 PM	30:53	6.09 pH	16.52 °C	69.76 µS/cm	6.35 mg/L	0.40 NTU	108.3 mV	31.54 ft	100.00 ml/min
2/10/2025 2:35 PM	35:53	6.09 pH	16.61 °C	68.97 µS/cm	6.39 mg/L	0.65 NTU	108.1 mV	31.86 ft	100.00 ml/min
2/10/2025 2:40 PM	40:53	6.08 pH	16.64 °C	68.55 µS/cm	6.42 mg/L	0.32 NTU	108.1 mV	32.17 ft	100.00 ml/min
2/10/2025 2:45 PM	45:53	6.08 pH	16.67 °C	68.07 µS/cm	6.46 mg/L	0.33 NTU	107.9 mV	32.37 ft	100.00 ml/min
2/10/2025 2:50 PM	50:53	6.07 pH	16.56 °C	67.69 µS/cm	6.50 mg/L	0.39 NTU	107.6 mV	32.57 ft	100.00 ml/min
2/10/2025 2:55 PM	55:53	6.07 pH	16.60 °C	67.03 µS/cm	6.51 mg/L	0.37 NTU	107.7 mV	32.70 ft	100.00 ml/min
2/10/2025 3:00 PM	01:00:53	6.06 pH	16.45 °C	65.64 µS/cm	6.57 mg/L	0.23 NTU	107.5 mV	32.86 ft	100.00 ml/min

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:10:05 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWA-29 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.07 ft** **Total Depth: 57.07 ft** **Initial Depth to Water: 43.29 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 52 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Rainy 50 degrees, sample time 1050

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 10:10 AM	00:00	6.32 pH	12.89 °C	80.39 µS/cm	8.71 mg/L	1.70 NTU	158.8 mV	43.31 ft	200.00 ml/min
2/11/2025 10:15 AM	05:00	5.84 pH	15.23 °C	75.05 µS/cm	6.60 mg/L	3.12 NTU	123.9 mV	43.31 ft	200.00 ml/min
2/11/2025 10:20 AM	10:00	5.83 pH	15.48 °C	73.19 µS/cm	6.35 mg/L	2.33 NTU	117.0 mV	43.31 ft	200.00 ml/min
2/11/2025 10:25 AM	15:00	5.82 pH	15.39 °C	74.86 µS/cm	6.24 mg/L	2.00 NTU	112.9 mV	43.31 ft	200.00 ml/min
2/11/2025 10:30 AM	20:00	5.82 pH	15.30 °C	73.87 µS/cm	6.28 mg/L	1.84 NTU	114.5 mV	43.31 ft	200.00 ml/min
2/11/2025 10:35 AM	25:00	5.83 pH	15.36 °C	75.07 µS/cm	6.25 mg/L	1.24 NTU	103.2 mV	43.31 ft	200.00 ml/min
2/11/2025 10:40 AM	30:00	5.84 pH	15.19 °C	77.83 µS/cm	6.28 mg/L	1.31 NTU	114.0 mV	43.31 ft	200.00 ml/min
2/11/2025 10:45 AM	35:00	5.83 pH	15.33 °C	78.72 µS/cm	6.26 mg/L	1.12 NTU	115.2 mV	43.31 ft	200.00 ml/min
2/11/2025 10:50 AM	40:00	5.85 pH	15.31 °C	77.77 µS/cm	6.36 mg/L	0.92 NTU	110.5 mV	43.31 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 2:29:07 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.64 ft** **Total Depth: 49.64 ft** **Initial Depth to Water: 27.75 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 44 ft** **Estimated Total Volume Pumped: 6.3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 21.6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1514. Partly cloudy 56.

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 2:29 PM	00:00	6.24 pH	16.11 °C	47.30 µS/cm	6.46 mg/L	4.00 NTU	133.7 mV	27.75 ft	140.00 ml/min
2/13/2025 2:34 PM	05:00	6.14 pH	16.07 °C	46.17 µS/cm	6.14 mg/L	2.70 NTU	164.2 mV	28.90 ft	140.00 ml/min
2/13/2025 2:39 PM	10:00	6.11 pH	15.97 °C	46.18 µS/cm	6.27 mg/L	2.50 NTU	104.8 mV	29.10 ft	140.00 ml/min
2/13/2025 2:44 PM	15:00	6.12 pH	16.06 °C	45.76 µS/cm	6.61 mg/L	2.20 NTU	147.0 mV	29.20 ft	140.00 ml/min
2/13/2025 2:49 PM	20:00	6.15 pH	16.00 °C	45.78 µS/cm	5.89 mg/L	1.80 NTU	149.8 mV	29.30 ft	140.00 ml/min
2/13/2025 2:54 PM	25:00	6.15 pH	15.94 °C	46.01 µS/cm	6.16 mg/L	1.48 NTU	97.0 mV	29.40 ft	140.00 ml/min
2/13/2025 2:59 PM	30:00	6.12 pH	15.98 °C	45.92 µS/cm	6.80 mg/L	1.36 NTU	92.7 mV	29.45 ft	140.00 ml/min
2/13/2025 3:04 PM	35:00	6.13 pH	15.97 °C	45.94 µS/cm	5.63 mg/L	0.98 NTU	141.4 mV	29.50 ft	140.00 ml/min
2/13/2025 3:09 PM	40:00	6.13 pH	15.93 °C	46.20 µS/cm	5.62 mg/L	0.77 NTU	95.5 mV	29.50 ft	140.00 ml/min
2/13/2025 3:14 PM	45:00	6.12 pH	15.84 °C	46.27 µS/cm	5.59 mg/L	0.58 NTU	91.2 mV	29.55 ft	140.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/17/2025 1:10:10 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.03 ft** **Total Depth: 38.03 ft** **Initial Depth to Water: 28.23 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: 15.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 93.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Well purged dry. Allow overnight recharge. Clear 49 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/17/2025 1:10 PM	00:00	6.59 pH	19.89 °C	52.59 µS/cm	7.17 mg/L	21.50 NTU	48.3 mV	28.23 ft	120.00 ml/min
2/17/2025 1:15 PM	05:00	5.93 pH	16.25 °C	52.49 µS/cm	7.57 mg/L	19.30 NTU	47.9 mV	28.80 ft	120.00 ml/min
2/17/2025 1:20 PM	10:00	5.91 pH	16.34 °C	52.15 µS/cm	7.49 mg/L	20.20 NTU	62.4 mV	28.80 ft	120.00 ml/min
2/17/2025 1:25 PM	15:00	5.90 pH	16.43 °C	52.62 µS/cm	7.53 mg/L	19.00 NTU	48.2 mV	28.80 ft	120.00 ml/min
2/17/2025 1:30 PM	20:00	5.90 pH	16.36 °C	53.01 µS/cm	7.45 mg/L	18.30 NTU	49.1 mV	28.90 ft	120.00 ml/min
2/17/2025 1:35 PM	25:00	5.91 pH	16.67 °C	53.38 µS/cm	7.49 mg/L	18.60 NTU	49.3 mV	29.20 ft	150.00 ml/min
2/17/2025 1:40 PM	30:00	5.91 pH	16.88 °C	53.92 µS/cm	7.41 mg/L	17.00 NTU	49.0 mV	29.40 ft	150.00 ml/min
2/17/2025 1:45 PM	35:00	5.90 pH	16.93 °C	55.15 µS/cm	7.36 mg/L	15.20 NTU	69.9 mV	29.60 ft	150.00 ml/min
2/17/2025 1:50 PM	40:00	5.93 pH	16.88 °C	56.42 µS/cm	7.29 mg/L	14.20 NTU	51.0 mV	29.85 ft	150.00 ml/min
2/17/2025 1:55 PM	45:00	5.94 pH	16.63 °C	57.77 µS/cm	7.29 mg/L	12.20 NTU	48.8 mV	30.13 ft	150.00 ml/min
2/17/2025 2:00 PM	50:00	5.95 pH	16.75 °C	58.99 µS/cm	7.21 mg/L	11.60 NTU	47.5 mV	30.35 ft	150.00 ml/min
2/17/2025 2:05 PM	55:00	5.95 pH	16.61 °C	59.61 µS/cm	7.16 mg/L	10.90 NTU	49.3 mV	30.60 ft	150.00 ml/min
2/17/2025 2:10 PM	01:00:00	5.94 pH	16.51 °C	60.44 µS/cm	7.11 mg/L	10.40 NTU	49.2 mV	30.90 ft	150.00 ml/min
2/17/2025 2:15 PM	01:05:00	5.97 pH	16.70 °C	61.38 µS/cm	7.10 mg/L	11.60 NTU	48.7 mV	31.15 ft	150.00 ml/min
2/17/2025 2:20 PM	01:10:00	5.97 pH	16.67 °C	62.02 µS/cm	7.11 mg/L	11.40 NTU	49.0 mV	31.60 ft	150.00 ml/min

2/17/2025 2:25 PM	01:15:00	6.00 pH	16.51 °C	64.80 µS/cm	7.14 mg/L	13.40 NTU	47.6 mV	32.15 ft	150.00 ml/min
2/17/2025 2:30 PM	01:20:00	5.99 pH	16.53 °C	63.83 µS/cm	7.15 mg/L	15.10 NTU	47.5 mV	32.60 ft	150.00 ml/min
2/17/2025 2:35 PM	01:25:00	5.99 pH	16.56 °C	64.48 µS/cm	7.17 mg/L	15.50 NTU	66.4 mV	33.10 ft	150.00 ml/min
2/17/2025 2:40 PM	01:30:00	5.99 pH	16.70 °C	66.46 µS/cm	7.25 mg/L	18.70 NTU	47.9 mV	33.70 ft	150.00 ml/min
2/17/2025 2:45 PM	01:35:00	5.99 pH	16.70 °C	67.63 µS/cm	7.27 mg/L	18.60 NTU	47.7 mV	34.30 ft	150.00 ml/min
2/17/2025 2:50 PM	01:40:00	6.04 pH	16.33 °C	70.58 µS/cm	7.26 mg/L	17.40 NTU	46.2 mV	34.70 ft	150.00 ml/min
2/17/2025 2:55 PM	01:45:00	6.02 pH	16.29 °C	68.15 µS/cm	7.24 mg/L	19.40 NTU	67.0 mV	35.00 ft	150.00 ml/min
2/17/2025 3:00 PM	01:50:00	6.01 pH	16.19 °C	64.31 µS/cm	7.14 mg/L	26.60 NTU	66.5 mV	35.00 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 9:09:13 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.03 ft** **Total Depth: 38.03 ft** **Initial Depth to Water: 29.75 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: 0.8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 4.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 0919. Clear 37 degrees. Purged dry 2/17/2025. Allowed for overnight recharge.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/18/2025 9:09 AM	00:00	6.47 pH	4.26 °C	101.39 µS/cm	11.01 mg/L	23.00 NTU	157.5 mV	29.75 ft	75.00 ml/min
2/18/2025 9:09 AM	00:18	6.36 pH	4.36 °C	92.75 µS/cm	11.18 mg/L	23.00 NTU	161.1 mV	29.75 ft	75.00 ml/min
2/18/2025 9:14 AM	05:18	6.01 pH	12.17 °C	71.71 µS/cm	8.49 mg/L	10.70 NTU	89.1 mV	30.00 ft	75.00 ml/min
2/18/2025 9:19 AM	10:18	6.00 pH	13.50 °C	70.39 µS/cm	8.17 mg/L	9.60 NTU	68.7 mV	30.10 ft	75.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 10:43:26 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.21 ft** **Total Depth: 31.21 ft** **Initial Depth to Water: 25.77 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 30 ft** **Estimated Total Volume Pumped: 10 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 45 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1223. Cloudy 43 degrees. EB-07 here at 1245.

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	
2/19/2025 10:43 AM	00:00	6.33 pH	6.45 °C	83.92 µS/cm	11.49 mg/L	1.10 NTU	101.3 mV	25.77 ft	100.00 ml/min
2/19/2025 10:48 AM	05:00	6.07 pH	11.54 °C	77.94 µS/cm	8.03 mg/L	2.24 NTU	93.1 mV	26.15 ft	100.00 ml/min
2/19/2025 10:53 AM	10:00	6.07 pH	13.37 °C	75.97 µS/cm	7.75 mg/L	1.00 NTU	88.7 mV	26.35 ft	100.00 ml/min
2/19/2025 10:58 AM	15:00	6.06 pH	14.03 °C	75.33 µS/cm	7.70 mg/L	0.60 NTU	86.7 mV	26.55 ft	100.00 ml/min
2/19/2025 11:03 AM	20:00	6.07 pH	14.21 °C	74.70 µS/cm	7.80 mg/L	0.60 NTU	84.3 mV	26.75 ft	100.00 ml/min
2/19/2025 11:08 AM	25:00	6.06 pH	14.31 °C	74.08 µS/cm	7.85 mg/L	0.50 NTU	82.3 mV	26.95 ft	100.00 ml/min
2/19/2025 11:13 AM	30:00	6.06 pH	14.27 °C	74.23 µS/cm	7.85 mg/L	0.50 NTU	80.6 mV	27.10 ft	100.00 ml/min
2/19/2025 11:18 AM	35:00	6.06 pH	14.26 °C	74.21 µS/cm	7.77 mg/L	0.46 NTU	78.9 mV	27.30 ft	100.00 ml/min
2/19/2025 11:23 AM	40:00	6.05 pH	14.53 °C	74.36 µS/cm	7.62 mg/L	0.40 NTU	89.4 mV	27.50 ft	100.00 ml/min
2/19/2025 11:28 AM	45:00	6.04 pH	14.48 °C	74.93 µS/cm	7.48 mg/L	0.40 NTU	77.0 mV	27.66 ft	100.00 ml/min
2/19/2025 11:33 AM	50:00	6.04 pH	14.34 °C	75.42 µS/cm	7.28 mg/L	0.40 NTU	75.3 mV	27.85 ft	100.00 ml/min
2/19/2025 11:38 AM	55:00	6.03 pH	14.44 °C	76.26 µS/cm	7.21 mg/L	0.30 NTU	85.6 mV	28.05 ft	100.00 ml/min
2/19/2025 11:43 AM	01:00:00	6.05 pH	14.68 °C	76.35 µS/cm	7.14 mg/L	0.44 NTU	73.8 mV	28.22 ft	100.00 ml/min
2/19/2025 11:48 AM	01:05:00	6.04 pH	14.58 °C	76.57 µS/cm	7.05 mg/L	0.40 NTU	73.1 mV	28.45 ft	100.00 ml/min
2/19/2025 11:53 AM	01:10:00	6.04 pH	14.78 °C	77.04 µS/cm	6.92 mg/L	0.40 NTU	71.5 mV	28.65 ft	100.00 ml/min

2/19/2025 11:58 AM	01:15:00	6.03 pH	14.58 °C	78.03 µS/cm	6.79 mg/L	0.37 NTU	71.0 mV	28.80 ft	100.00 ml/min
2/19/2025 12:03 PM	01:20:00	6.04 pH	14.73 °C	78.26 µS/cm	6.57 mg/L	0.28 NTU	69.9 mV	28.97 ft	100.00 ml/min
2/19/2025 12:08 PM	01:25:00	6.05 pH	14.64 °C	78.78 µS/cm	6.56 mg/L	0.30 NTU	69.0 mV	29.13 ft	100.00 ml/min
2/19/2025 12:13 PM	01:30:00	6.04 pH	14.71 °C	78.36 µS/cm	6.48 mg/L	0.30 NTU	68.6 mV	29.30 ft	100.00 ml/min
2/19/2025 12:18 PM	01:35:00	6.05 pH	14.71 °C	78.27 µS/cm	6.42 mg/L	0.53 NTU	68.1 mV	29.44 ft	100.00 ml/min
2/19/2025 12:23 PM	01:40:00	6.03 pH	14.60 °C	79.39 µS/cm	6.28 mg/L	0.33 NTU	67.5 mV	29.50 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/19/2025 9:55:05 AM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.03 ft** **Total Depth: 24.03 ft** **Initial Depth to Water: 13.41 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 19 ft** **Estimated Total Volume Pumped: 18.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 109 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Cloudy 45 degrees, well purged dry, allowed recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/19/2025 9:55 AM	00:00	6.68 pH	6.88 °C	140.17 µS/cm	11.74 mg/L	1.34 NTU	193.9 mV	13.41 ft	100.00 ml/min
2/19/2025 10:00 AM	05:00	6.23 pH	11.42 °C	108.75 µS/cm	8.88 mg/L	1.44 NTU	171.0 mV	14.32 ft	100.00 ml/min
2/19/2025 10:05 AM	10:00	6.20 pH	12.30 °C	104.07 µS/cm	8.58 mg/L	1.66 NTU	127.5 mV	14.60 ft	100.00 ml/min
2/19/2025 10:10 AM	15:00	6.20 pH	12.61 °C	104.81 µS/cm	8.57 mg/L	1.24 NTU	117.3 mV	14.91 ft	100.00 ml/min
2/19/2025 10:15 AM	20:00	6.19 pH	12.99 °C	103.73 µS/cm	8.41 mg/L	1.24 NTU	114.3 mV	15.16 ft	100.00 ml/min
2/19/2025 10:20 AM	25:00	6.19 pH	12.89 °C	104.23 µS/cm	8.50 mg/L	1.85 NTU	112.1 mV	15.47 ft	100.00 ml/min
2/19/2025 10:25 AM	30:00	6.17 pH	13.13 °C	102.69 µS/cm	8.44 mg/L	1.11 NTU	111.4 mV	15.72 ft	100.00 ml/min
2/19/2025 10:30 AM	35:00	6.16 pH	13.31 °C	101.61 µS/cm	8.35 mg/L	1.25 NTU	110.8 mV	16.06 ft	100.00 ml/min
2/19/2025 10:35 AM	40:00	6.16 pH	13.55 °C	101.58 µS/cm	8.23 mg/L	1.15 NTU	110.4 mV	16.34 ft	100.00 ml/min
2/19/2025 10:40 AM	45:00	6.15 pH	13.45 °C	101.97 µS/cm	8.23 mg/L	1.04 NTU	109.5 mV	16.59 ft	100.00 ml/min
2/19/2025 10:45 AM	50:00	6.15 pH	13.51 °C	100.84 µS/cm	8.19 mg/L	1.23 NTU	108.9 mV	16.82 ft	100.00 ml/min
2/19/2025 10:50 AM	55:00	6.11 pH	13.72 °C	98.50 µS/cm	8.22 mg/L	1.03 NTU	110.9 mV	17.08 ft	100.00 ml/min
2/19/2025 10:55 AM	01:00:00	6.10 pH	13.67 °C	97.31 µS/cm	8.09 mg/L	0.84 NTU	111.7 mV	17.34 ft	100.00 ml/min
2/19/2025 11:00 AM	01:05:00	6.09 pH	13.60 °C	96.80 µS/cm	8.10 mg/L	1.07 NTU	111.6 mV	17.59 ft	100.00 ml/min
2/19/2025 11:05 AM	01:10:00	6.09 pH	13.67 °C	96.63 µS/cm	8.02 mg/L	1.09 NTU	111.4 mV	17.89 ft	100.00 ml/min

2/19/2025 11:10 AM	01:15:00	6.08 pH	13.40 °C	96.25 µS/cm	8.06 mg/L	0.92 NTU	110.9 mV	18.20 ft	100.00 ml/min
2/19/2025 11:15 AM	01:20:00	6.08 pH	13.67 °C	96.14 µS/cm	8.06 mg/L	0.84 NTU	110.8 mV	18.44 ft	100.00 ml/min
2/19/2025 11:20 AM	01:25:00	6.06 pH	13.71 °C	93.52 µS/cm	7.77 mg/L	1.15 NTU	111.6 mV	18.60 ft	100.00 ml/min
2/19/2025 11:25 AM	01:30:00	6.06 pH	13.97 °C	95.07 µS/cm	7.70 mg/L	0.86 NTU	111.2 mV	18.83 ft	100.00 ml/min
2/19/2025 11:30 AM	01:35:00	6.06 pH	13.94 °C	95.04 µS/cm	7.67 mg/L	0.83 NTU	111.3 mV	19.09 ft	100.00 ml/min
2/19/2025 11:35 AM	01:40:00	6.07 pH	13.63 °C	94.77 µS/cm	7.55 mg/L	0.88 NTU	109.9 mV	19.27 ft	100.00 ml/min
2/19/2025 11:40 AM	01:45:00	6.07 pH	13.45 °C	94.86 µS/cm	7.49 mg/L	1.05 NTU	146.4 mV	19.46 ft	100.00 ml/min
2/19/2025 11:45 AM	01:50:00	6.07 pH	13.25 °C	95.51 µS/cm	7.54 mg/L	1.04 NTU	110.8 mV	19.69 ft	100.00 ml/min
2/19/2025 11:50 AM	01:55:00	6.07 pH	13.31 °C	95.01 µS/cm	7.55 mg/L	0.96 NTU	110.3 mV	19.90 ft	100.00 ml/min
2/19/2025 11:55 AM	02:00:00	6.05 pH	13.36 °C	94.59 µS/cm	7.59 mg/L	0.81 NTU	110.3 mV	20.13 ft	100.00 ml/min
2/19/2025 12:00 PM	02:05:00	6.05 pH	13.35 °C	94.12 µS/cm	7.49 mg/L	0.93 NTU	110.0 mV	20.32 ft	100.00 ml/min
2/19/2025 12:05 PM	02:10:00	6.05 pH	13.40 °C	94.54 µS/cm	7.44 mg/L	1.91 NTU	109.5 mV	20.48 ft	100.00 ml/min
2/19/2025 12:10 PM	02:15:00	6.05 pH	13.55 °C	94.11 µS/cm	7.50 mg/L	1.30 NTU	109.5 mV	20.70 ft	100.00 ml/min
2/19/2025 12:15 PM	02:20:00	6.04 pH	13.39 °C	93.37 µS/cm	7.48 mg/L	1.26 NTU	109.7 mV	20.90 ft	100.00 ml/min
2/19/2025 12:20 PM	02:25:00	6.04 pH	13.44 °C	93.00 µS/cm	7.48 mg/L	1.67 NTU	109.9 mV	21.10 ft	100.00 ml/min
2/19/2025 12:25 PM	02:30:00	6.04 pH	13.43 °C	92.62 µS/cm	7.40 mg/L	1.18 NTU	110.1 mV	21.30 ft	100.00 ml/min
2/19/2025 12:30 PM	02:35:00	6.05 pH	13.58 °C	92.90 µS/cm	7.31 mg/L	0.92 NTU	109.3 mV	21.49 ft	100.00 ml/min
2/19/2025 12:35 PM	02:40:00	6.06 pH	13.63 °C	93.34 µS/cm	7.18 mg/L	0.78 NTU	107.9 mV	21.69 ft	100.00 ml/min
2/19/2025 12:40 PM	02:45:00	6.08 pH	13.33 °C	95.80 µS/cm	7.21 mg/L	0.74 NTU	106.3 mV	21.86 ft	100.00 ml/min
2/19/2025 12:45 PM	02:50:00	6.11 pH	13.45 °C	96.78 µS/cm	6.98 mg/L	0.65 NTU	104.7 mV	22.05 ft	100.00 ml/min
2/19/2025 12:50 PM	02:55:00	6.12 pH	13.43 °C	97.56 µS/cm	6.96 mg/L	0.72 NTU	104.2 mV	22.27 ft	100.00 ml/min
2/19/2025 12:55 PM	03:00:00	6.14 pH	13.56 °C	98.42 µS/cm	6.84 mg/L	0.66 NTU	103.5 mV	22.37 ft	100.00 ml/min
2/19/2025 1:00 PM	03:05:00	6.14 pH	13.26 °C	98.63 µS/cm	7.64 mg/L	1.96 NTU	105.1 mV	22.50 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/19/2025 3:05:01 PM
Project: Plant Wansley Landfill
Operator Name: C.Klamke

Location Name: GWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.03 ft** **Total Depth: 24.03 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: 19 ft** **Estimated Total Volume Pumped: 1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 5 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 966105**

Test Notes:
Cloudy 50 degrees, sampled after recharge,sample time 1516

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	
2/19/2025 3:05 PM	00:00	6.21 pH	10.33 °C	97.09 µS/cm	8.95 mg/L	61.40 NTU	136.1 mV	22.37 ft	100.00 ml/min
2/19/2025 3:10 PM	05:00	6.21 pH	12.12 °C	101.39 µS/cm	7.72 mg/L	48.90 NTU	106.0 mV	22.64 ft	100.00 ml/min
2/19/2025 3:15 PM	10:00	6.20 pH	12.76 °C	101.07 µS/cm	7.45 mg/L	3.36 NTU	100.8 mV	22.77 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 3:44:26 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-34 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.91 ft** **Total Depth: 50.91 ft** **Initial Depth to Water: 4.09 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 7.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 3.1 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1609. Partly cloudy, 55. FB-11 here at 1605.

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 3:44 PM	00:00	6.11 pH	16.06 °C	47.96 µS/cm	3.76 mg/L	69.00 NTU	118.2 mV	4.09 ft	300.00 ml/min
2/13/2025 3:49 PM	05:00	6.03 pH	16.76 °C	45.36 µS/cm	2.95 mg/L	10.00 NTU	155.1 mV	4.30 ft	300.00 ml/min
2/13/2025 3:54 PM	10:00	6.02 pH	16.82 °C	44.93 µS/cm	2.88 mg/L	5.10 NTU	101.9 mV	4.30 ft	300.00 ml/min
2/13/2025 3:59 PM	15:00	6.00 pH	16.92 °C	44.44 µS/cm	2.86 mg/L	2.10 NTU	95.5 mV	4.30 ft	300.00 ml/min
2/13/2025 4:04 PM	20:00	6.00 pH	16.91 °C	44.16 µS/cm	2.85 mg/L	1.60 NTU	142.2 mV	4.35 ft	300.00 ml/min
2/13/2025 4:09 PM	25:00	6.00 pH	16.87 °C	44.21 µS/cm	2.85 mg/L	1.00 NTU	148.0 mV	4.35 ft	300.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 9:56:17 AM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-35 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.53 ft** **Total Depth: 40.53 ft** **Initial Depth to Water: 8.12 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 9.9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 240 ml/min** **Final Draw Down: 1 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1042. Cloudy 41. FD-07 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	
2/18/2025 9:56 AM	00:00	5.73 pH	14.52 °C	105.88 µS/cm	3.27 mg/L	3.91 NTU	91.2 mV	8.12 ft	160.00 ml/min
2/18/2025 10:01 AM	05:00	5.55 pH	15.80 °C	105.26 µS/cm	1.58 mg/L	29.20 NTU	68.8 mV	8.20 ft	160.00 ml/min
2/18/2025 10:01 AM	05:34	5.54 pH	15.86 °C	104.94 µS/cm	1.61 mg/L	29.20 NTU	85.5 mV	8.20 ft	160.00 ml/min
2/18/2025 10:06 AM	10:34	5.50 pH	16.07 °C	105.34 µS/cm	1.79 mg/L	24.80 NTU	60.5 mV	8.20 ft	200.00 ml/min
2/18/2025 10:11 AM	15:34	5.47 pH	16.19 °C	103.85 µS/cm	2.06 mg/L	15.00 NTU	76.0 mV	8.20 ft	240.00 ml/min
2/18/2025 10:16 AM	20:34	5.44 pH	16.17 °C	104.18 µS/cm	2.25 mg/L	8.53 NTU	53.3 mV	8.20 ft	240.00 ml/min
2/18/2025 10:21 AM	25:34	5.44 pH	16.20 °C	104.22 µS/cm	2.33 mg/L	4.26 NTU	50.1 mV	8.20 ft	240.00 ml/min
2/18/2025 10:26 AM	30:34	5.43 pH	16.21 °C	104.53 µS/cm	2.35 mg/L	4.51 NTU	49.3 mV	8.20 ft	240.00 ml/min
2/18/2025 10:31 AM	35:34	5.42 pH	16.26 °C	104.84 µS/cm	2.38 mg/L	2.45 NTU	47.4 mV	8.20 ft	240.00 ml/min
2/18/2025 10:36 AM	40:34	5.43 pH	16.38 °C	104.91 µS/cm	2.39 mg/L	1.77 NTU	45.6 mV	8.20 ft	240.00 ml/min
2/18/2025 10:41 AM	45:34	5.44 pH	16.42 °C	104.78 µS/cm	2.40 mg/L	1.50 NTU	44.4 mV	8.20 ft	240.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/18/2025 4:18:43 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWA-1	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Sunny 60 degrees, sample time 1620

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 4:18 PM	00:00	6.97 pH	14.48 °C	39.46 µS/cm	10.30 mg/L	12.80 NTU	46.1 mV
2/18/2025 4:19 PM	01:00	6.91 pH	14.22 °C	39.74 µS/cm	10.42 mg/L	12.80 NTU	57.9 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 3:36:31 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-2	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
No flow no sample. Partly cloudy 55.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 3:36 PM	00:00	6.00 pH	18.46 °C	348.55 µS/cm	6.57 mg/L		-47.7 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 3:38:33 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-3	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Sample time 1539. Partly cloudy 55.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 3:38 PM	00:00	5.97 pH	18.33 °C	348.46 µS/cm	6.37 mg/L	8.30 NTU	-43.1 mV
2/18/2025 3:39 PM	01:00	5.96 pH	18.34 °C	349.44 µS/cm	6.32 mg/L	8.30 NTU	-40.8 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 3:47:15 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-4	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Point dry, no flow. Partly cloudy 55.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 3:47 PM	00:00	5.51 pH	19.77 °C	0.00 µS/cm	9.53 mg/L		-32.8 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/17/2025 4:30:17 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-5	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Sample time 1632. Clear 50 degrees.

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	+/- 5
2/17/2025 4:30 PM	00:00	5.80 pH	15.86 °C	165.56 µS/cm	5.34 mg/L	3.40 NTU	85.7 mV	
2/17/2025 4:31 PM	01:00	5.75 pH	16.47 °C	163.41 µS/cm	4.37 mg/L	3.40 NTU	82.8 mV	
2/17/2025 4:32 PM	02:00	5.73 pH	16.78 °C	162.75 µS/cm	3.81 mg/L	3.40 NTU	81.4 mV	

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 3:57:29 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWA-6	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Sunny 60 degrees, sample time 1558

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 3:57 PM	00:00	6.73 pH	15.84 °C	127.18 µS/cm	10.12 mg/L	3.76 NTU	3.5 mV
2/18/2025 3:58 PM	01:00	6.72 pH	15.39 °C	128.74 µS/cm	10.35 mg/L	3.76 NTU	9.6 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/17/2025 4:12:35 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-7	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
Sample time 1615. Clear 50s.

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	+/- 5
2/17/2025 4:12 PM	00:00	6.81 pH	13.28 °C	157.95 µS/cm	10.75 mg/L	20.90 NTU	177.7 mV	
2/17/2025 4:14 PM	01:30	6.83 pH	13.40 °C	161.05 µS/cm	10.73 mg/L	20.90 NTU	200.0 mV	
2/17/2025 4:15 PM	03:00	6.85 pH	13.49 °C	159.97 µS/cm	10.71 mg/L	20.90 NTU	179.6 mV	

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 4:33:02 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-8	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
No flow. Mostly Sunny, 56.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 4:33 PM	00:00	6.59 pH	15.48 °C	39.43 µS/cm	10.49 mg/L		65.6 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/18/2025 4:31:56 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: SWC-9	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 966105

Test Notes:
No flow. Mostly Sunny, 56.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25
2/18/2025 4:31 PM	00:00	6.60 pH	15.41 °C	39.41 µS/cm	10.51 mg/L		67.3 mV

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley Landfill Date: 2-11-25

Calibrated By: HAuld Field Conditions: Rain, 50s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1170046
Turbidity Meter	HACH 2100Q	11090C01235 3

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	24010943	~~5/25~~ 5/25	~~PINE~~ AJR
pH (SU)	7.00	24008587	6/25	~~PINE~~
pH (SU)	10.00	24004996	6/25	~~PINE~~
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	PINE ~~PINE~~
ORP (mV)	240.0	4GJ1196	7/25	Pine ~~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:** 0920			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100 %	10.92	± 10%	EPA 2023
pH (SU)	4.00	4.00	11.3	± 0.1	GWMP
pH (SU)	7.00	7.06	12.1	± 0.1	GWMP
pH (SU)	10.00	10.14	11.90	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	12.0	± 10% of standard	NA
ORP (mV)	240.0	240	10.7	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.0		
	20	19.8		
	100	100		

Calibration Check					
Time Start 1320		**Time Finish** 1330			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	15.3	± 0.1	GWMP
pH (SU)	7.00	7.02	15.1	± 0.1	GWMP
pH (SU)	10.00	10.07	14.7	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	14.9	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	9.7		
	20	20.8		
	100	97		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley Landfill

Date: 2-13-25

Calibrated By: HA

Field Conditions: Cloudy, 52°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1170046
Turbidity Meter	HACH 2100Q	11090C012353

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	24010943	5/25	AIR ~~PINE~~
pH (SU)	7.00	24008587	6/25	↓ ~~PINE~~
pH (SU)	10.00	24004996	6/25	↓ ~~PINE~~
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	PINE
ORP (mV)	240.0	4GJ1196	7/25	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: 0835 Time Finish: 0855

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	8.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	8.1	± 0.1	GWMP
pH (SU)	7.00	7.06	8.0	± 0.1	GWMP
pH (SU)	10.00	10.14	7.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	8.7	± 10% of standard	NA
ORP (mV)	240.0	240	8.9	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.3		
	20	19.7		
	100	98		

Calibration Check

Time Start 1355 Time Finish 1405

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.02	15.3	± 0.1	GWMP
pH (SU)	7.00	7.04	15.5	± 0.1	GWMP
pH (SU)	10.00	10.02	14.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1432	15.0	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.3		
	20	20.1		
	100	102		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley Landfill

Date: 2-14-25

Calibrated By: HA

Field Conditions: Clear, 32°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1170046
Turbidity Meter	HACH 2100 Q	11090C012353

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	24010943	5/25	AIR ~~PINE~~
pH (SU)	7.00	24008587	6/25	~~PINE~~
pH (SU)	10.00	24004996	6/25	~~PINE~~
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	PINE
ORP (mV)	240.0	4GJ1196	7/25	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: ~~0837~~ 0815		**Time Finish:** 0840			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100 %	1.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	-1.5	± 0.1	GWMP
pH (SU)	7.00	7.06	2.01	± 0.1	GWMP
pH (SU)	10.00	10.14	1.06	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	1.3	± 10% of standard	NA
ORP (mV)	240.0	240	1.8	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	101		

Calibration Check					
Time Start	NA	**Time Finish**	NA		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00	HALF	DAY	± 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 Landfill Date: ~~2-10-25~~ 2-17-25

Calibrated By: HA Field Conditions: Overcast

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1120055
Turbidity Meter	HACH 2100Q	11090C0123353

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	24010943	5/25	AIR ~~PINE~~
pH (SU)	7.00	24008567	6/25	↓ ~~PINE~~
pH (SU)	10.00	24004996	6/25	↓ ~~PINE~~
Specific Conductance (µS/cm)	1,413	4640240	8/25	PINE
ORP (mV)	240.0	4651196	7/25	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: 1040		**Time Finish:** 1120			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100%	9.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	17.1	± 0.1	GWMP
pH (SU)	7.00	7.04	15.8	± 0.1	GWMP
pH (SU)	10.00	10.11	15.4	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	8.1	± 10% of standard	NA
ORP (mV)	240.0	240	7.5	± 10	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	102		

Calibration Check					
Time Start NA		**Time Finish** NA			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00	HALF	DAY	± 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 LF Date: 2-18-25

Calibrated By: HAuld Field Conditions: clear, 20s/30s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1120055
Turbidity Meter	HACH 2100Q	11090C012353

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A			
pH (SU)	4.00	24010943	5/25	AIR
pH (SU)	7.00	24008587	6/25	↓
pH (SU)	10.00	24004996	6/25	↓
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	Pine
ORP (mV)	240.0	4GJ1196	7/25	↓

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	NA	→	→
	10	A4172	9/25	Pine
	20	A4183	10/25	↓
	100	A4179	10/25	↓

Calibration					
Time Start: 0825		**Time Finish:** 0845			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100%	0.06	± 10%	EPA 2023
pH (SU)	4.00	4.00	-3.02	± 0.1	GWMP
pH (SU)	7.00	7.06	-0.4	± 0.1	GWMP
pH (SU)	10.00	10.14	-1.7	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	-2.5	± 10% of standard	NA
ORP (mV)	240.0	240	0.2	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	9.99		
	20	20.7		
	100	100		

Calibration Check					
Time Start 1220		**Time Finish** 1230			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	19.4	± 0.1	GWMP
pH (SU)	7.00	7.04	12.6	± 0.1	GWMP
pH (SU)	10.00	10.11	14.4	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	14.3	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	9.9		
	20	20.2		
	100	103		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF

Date: 2-19-25

Calibrated By: HArnold

Field Conditions: Rain, 38°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrom 400	1120055
Turbidity Meter	HACH 2100Q	11090C012353

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	24010943	5/25	AIR ~~PINE~~
pH (SU)	7.00	2400857	6/25	↓ ~~PINE~~
pH (SU)	10.00	24004996	6/25	↓ ~~PINE~~
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	PINE
ORP (mV)	240.0	4GJ1196	7/25	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: 0830 Time Finish: 0845

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	9.5	± 10%	EPA 2023
pH (SU)	4.00	4.00	5.6	± 0.1	GWMP
pH (SU)	7.00	7.06	8.4	± 0.1	GWMP
pH (SU)	10.00	10.14	7.1	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	7.3	± 10% of standard	NA
ORP (mV)	240.0	240	9.3	± 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 NA Time Finish NA

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00	HALF SAMPLING DAY		± 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 LF Date: 2/10/25

Calibrated By: C. Hample Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-situ / Aquatroll 600	1120055
Turbidity Meter	Hach / 2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	07/2026	Pine
pH (SU)	7.00	4GC0526	03/2026	Pine
pH (SU)	10.00	3GG0538	07/2025	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	05/2025	Pine
ORP (mV)	240.0	4GG0436	04/2025	Pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	New DI	—	—
	10	A4172	09/2025	Hach
	20	A4183	10/2025	Hach
	100	A4179	10/2025	Hach

Calibration					
Time Start: 1300		**Time Finish:** 1330			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.95	17.12	± 10%	EPA 2023
pH (SU)	4.00	4.03	16.04	± 0.1	GWMP
pH (SU)	7.00	7.03	16.09	± 0.1	GWMP
pH (SU)	10.00	9.96	16.37	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1,411	17.81	± 10% of standard	NA
ORP (mV)	240.0	238.2	17.99	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.37	± 10% of standard	EPA 2023
	10	10.1		
	20	21.0		
	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	~~0.37~~ CN	± 10% of standard	EPA 2023
	10	~~10.1~~ CN		
	20	~~21.0~~ CN		
	100	~~100~~ CN		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF Date: 2/11/25

Calibrated By: C. Hlamic Field Conditions: Rainy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	YSI - 5170/ AQ Control 400	1120055
Turbidity Meter	Hach/2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GC0526	3/26	Pine
pH (SU)	10.00	3GG0538	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pinl

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

Calibration					
Time Start: 0900		**Time Finish:** 0930			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.61	9.75	± 10%	EPA 2023
pH (SU)	4.00	4.00	11.51	± 0.1	GWMP
pH (SU)	7.00	7.04	12.95	± 0.1	GWMP
pH (SU)	10.00	10.11	13.02	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1405	12.81	± 10% of standard	NA
ORP (mV)	240.0	244.3	12.91	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.45	± 10% of standard	EPA 2023
	10	10.4		
	20	20.8		
	100	104		

Calibration Check					
Time Start 1310		**Time Finish** 1330			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.06	11.21	± 0.1	GWMP
pH (SU)	7.00	7.07	10.78	± 0.1	GWMP
pH (SU)	10.00	10.01	10.74	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1408	10.45	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.43	± 10% of standard	EPA 2023
	10	10.00		
	20	20.6		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley LF

Date: 2/13/25

Calibrated By: C. Klamke

Field Conditions: Overcast

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	IN-SITU / Aqua Troll 400	1120055
Turbidity Meter	Hach/2100a	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GC0526	3/26	Pine
pH (SU)	10.00	3GG0536	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pine

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

Calibration					
Time Start: 845		**Time Finish:** 915			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.04	11.60	± 10%	EPA 2023
pH (SU)	4.00	4.00	11.94	± 0.1	GWMP
pH (SU)	7.00	7.06	11.97	± 0.1	GWMP
pH (SU)	10.00	10.14	12.36	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1397	12.17	± 10% of standard	NA
ORP (mV)	240.0	239.9	12.39	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.6		
	20	19.9		
	100	100		

Calibration Check					
Time Start 1255		**Time Finish** 1302			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.06	17.75	± 0.1	GWMP
pH (SU)	7.00	7.04	17.31	± 0.1	GWMP
pH (SU)	10.00	10.11	16.66	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	16.81	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.4		
	20	20.5		
	100	99.9		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF Date: 2/14/25

Calibrated By: C. Hlamhl Field Conditions: Sunny

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	IN-Situ/ Aqua troll 400	1120055
Turbidity Meter	Hach / 2100Q	22080D000883

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GL0526	3/26	Pine
pH (SU)	10.00	3GG0538	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pine

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

Calibration

Time Start: 0815 **Time Finish:** 0845

Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	9.88	6.51	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.18	± 0.1	GWMP
pH (SU)	7.00	7.06	5.30	± 0.1	GWMP
pH (SU)	10.00	10.14	5.55	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1392	5.87	± 10% of standard	NA
ORP (mV)	240.0	239.8	5.60	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.8		
	20	20.8		
	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			

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley LF

Date: 2/17/25

Calibrated By: C. Hamrl

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	~~YSI EXO~~ Aquatroll 600	~~H20055~~ 966105
Turbidity Meter	Hach/2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GC0526	3/26	Pine
pH (SU)	10.00	3GG0538	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pine

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

Calibration					
Time Start: 1045		**Time Finish:** 1115			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.13	17.82	± 10%	EPA 2023
pH (SU)	4.00	4.00	17.49	± 0.1	GWMP
pH (SU)	7.00	7.02	18.44	± 0.1	GWMP
pH (SU)	10.00	10.05	17.76	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1401	16.63	± 10% of standard	NA
ORP (mV)	240.0	238	17.99	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.16	± 10% of standard	EPA 2023
	10	10.5		
	20	20.1		
	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	0.	± 10% of standard	EPA 2023
	10			
	20			
	100			

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF Date: 2/18/25

Calibrated By: C. Hamlet Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ/ Aquatroll 600	966105
Turbidity Meter	Hach/2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GC0526	3/26	Pine
pH (SU)	10.00	3GG0538	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pine

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

Calibration					
Time Start: 0830		**Time Finish:** 0900			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.35	27.64	± 10%	EPA 2023
pH (SU)	4.00	4.00	14.77	± 0.1	GWMP
pH (SU)	7.00	7.06	11.71	± 0.1	GWMP
pH (SU)	10.00	10.14	11.84	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1409	10.36	± 10% of standard	NA
ORP (mV)	240.0	139.9	9.82	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.6		
	20	20.7		
	100	100		

Calibration Check					
Time Start 1250		**Time Finish** 1300			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	16.14	± 0.1	GWMP
pH (SU)	7.00	7.04	14.74	± 0.1	GWMP
pH (SU)	10.00	10.11	14.80	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1402	14.76	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.13	± 10% of standard	EPA 2023
	10	10.7		
	20	20.0		
	100	98.3		

Notes:

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant Wansley LF Date: 2/19/25

Calibrated By: C. Hamke Field Conditions: Rainy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI-Situ/ Aquatroll 400	966105
Turbidity Meter	Hach/2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4GG1238	7/26	Pine
pH (SU)	7.00	4GC0526	3/26	Pine
pH (SU)	10.00	3GG0538	7/25	Pine
Specific Conductance (µS/cm)	1,413	4GE0258	5/25	Pine
ORP (mV)	240.0	4GG0438	4/25	Pine

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

Calibration					
Time Start: 0830		**Time Finish:** 0900			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.93	18.89	± 10%	EPA 2023
pH (SU)	4.00	4.00	14.51	± 0.1	GWMP
pH (SU)	7.00	7.04	12.62	± 0.1	GWMP
pH (SU)	10.00	10.11	12.95	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1395	13.01	± 10% of standard	NA
ORP (mV)	240.0	243	13.61	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	10.7		
	20	20.5		
	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			

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wamsley Landfill Date: 2/14/25

Calibrated By: D. Johnson Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	884189
Turbidity Meter	Hach 2100Q	22080006127

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	24010943	5/25	PINE
pH (SU)	7.00	4G10915	9/26	PINE
pH (SU)	10.00	4G61192	11/26	PINE
Specific Conductance (µS/cm)	1,413	1G11024U	8/25	PINE
ORP (mV)	240.0	4G11-9172	8/25	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: 0815		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.66	13.58	± 10%	EPA 2023
pH (SU)	4.00	4.00	3.61	± 0.1	GWMP
pH (SU)	7.00	7.06	3.81	± 0.1	GWMP
pH (SU)	10.00	10.14	3.30	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	4.12	± 10% of standard	NA
ORP (mV)	240.0	241.3	3.31	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.1		
	20	19.3		
	100	100		

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

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF Date: 02-14-25

Calibrated By: J. May Field Conditions: Sunny, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183949
Turbidity Meter	Hach 2100Q	24010D000499

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	4G11219	09/26	PINE
pH (SU)	7.00	4G10109	09/26	PINE
pH (SU)	10.00	4G61192	01/26	PINE
Specific Conductance (µS/cm)	1,413	4GH0240	08/25	PINE
ORP (mV)	240.0	4GJ11196	07/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4029	5/25	HACH
	20	A3303	4/25	HACH
	100	A4002	4/25	HACH

Calibration					
Time Start: 0825		**Time Finish:** 0840			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.78	4.77	± 10%	EPA 2023
pH (SU)	4.00	4.00	3.35	± 0.1	GWMP
pH (SU)	7.00	7.06	3.11	± 0.1	GWMP
pH (SU)	10.00	10.14	3.31	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411.1	3.02	± 10% of standard	NA
ORP (mV)	240.0	240.0	3.91	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.30	± 10% of standard	EPA 2023
	10	10.6		
	20	21.2		
	100	102		

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

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

Well Inspection

Site Name: Plant Wansley CCR Landfill

Date: 2/10/2025

Permit Number: 074-005D(CCR)

Field Conditions: Mostly cloudy, 55º F

	Location/Identification			
Well ID:	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-1	YES	YES	NO	YES
GWA-2	YES	YES	NO	YES
GWA-3	YES	YES	NO	YES
GWA-4	YES	YES	NO	YES
GWC-5	YES	YES	NO	YES
GWC-6	YES	YES	NO	YES
GWC-7	YES	YES	NO	YES
GWC-8	YES	YES	NO	YES
GWC-9	YES	YES	NO	YES
GWC-10	YES	YES	NO	YES
GWC-11	YES	YES	NO	YES
GWC-12	YES	YES	NO	YES
GWC-13	YES	YES	NO	YES
GWC-14	YES	YES	NO	YES
GWC-15	YES	YES	NO	YES
GWC-16	YES	YES	NO	YES
GWC-17	YES	YES	NO	YES
GWC-18	YES	YES	NO	YES
GWC-19	YES	YES	NO	YES
GWC-20	YES	YES	NO	YES
GWC-21	YES	YES	NO	YES
GWC-22	YES	YES	NO	YES
GWC-23	YES	YES	NO	YES
GWC-24	YES	YES	NO	YES
GWC-25	YES	YES	NO	YES
GWC-26	YES	YES	NO	YES
GWC-27	YES	YES	NO	YES
GWA-28	YES	YES	NO	YES
GWA-29	YES	YES	NO	YES
GWC-30	YES	YES	NO	YES
GWC-31	YES	YES	NO	YES
GWC-32	YES	YES	NO	YES
GWC-33	YES	YES	NO	YES
GWC-34	YES	YES	NO	YES
GWC-35	YES	YES	NO	YES

Well Inspection

Site Name: Plant Wansley CCR Landfill

Date: 2/10/2025

Permit Number: 074-005D(CCR)

Field Conditions: Mostly cloudy, 55º F

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-1	YES	YES	YES	YES	YES
GWA-2	YES	YES	YES	YES	YES
GWA-3	YES	YES	YES	YES	YES
GWA-4	YES	YES	YES	YES	YES
GWC-5	YES	YES	YES	YES	YES
GWC-6	YES	YES	YES	YES	YES
GWC-7	YES	YES	YES	YES	YES
GWC-8	YES	YES	YES	YES	YES
GWC-9	YES	YES	YES	YES	YES
GWC-10	YES	YES	YES	YES	YES
GWC-11	YES	YES	YES	YES	YES
GWC-12	YES	YES	YES	YES	YES
GWC-13	YES	YES	YES	YES	YES
GWC-14	YES	YES	YES	YES	YES
GWC-15	YES	YES	YES	YES	YES
GWC-16	YES	YES	YES	YES	YES
GWC-17	YES	YES	YES	YES	YES
GWC-18	YES	YES	YES	YES	YES
GWC-19	YES	YES	YES	YES	YES
GWC-20	YES	YES	YES	YES	YES
GWC-21	YES	YES	YES	YES	YES
GWC-22	YES	YES	YES	YES	YES
GWC-23	YES	YES	YES	YES	YES
GWC-24	YES	YES	YES	YES	YES
GWC-25	YES	YES	YES	YES	YES
GWC-26	YES	YES	YES	YES	YES
GWC-27	YES	YES	YES	YES	YES
GWA-28	YES	YES	YES	YES	YES
GWA-29	YES	YES	YES	YES	YES
GWC-30	YES	YES	YES	YES	YES
GWC-31	YES	YES	YES	YES	YES
GWC-32	YES	YES	YES	YES	YES
GWC-33	YES	YES	YES	YES	YES
GWC-34	YES	YES	YES	YES	YES
GWC-35	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley CCR Landfill

Date: 2/10/2025

Permit Number: 074-005D(CCR)

Field Conditions: Mostly cloudy, 55º F

	Surface Pad			Internal Casing		
Well ID:	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-1	YES	YES	YES	YES	YES	YES
GWA-2	YES	YES	YES	YES	YES	YES
GWA-3	YES	YES	YES	YES	YES	YES
GWA-4	YES	YES	YES	YES	YES	YES
GWC-5	YES	YES	YES	YES	YES	YES
GWC-6	YES	YES	YES	YES	YES	YES
GWC-7	YES	YES	YES	YES	YES	YES
GWC-8	YES	YES	YES	YES	YES	YES
GWC-9	YES	YES	YES	YES	YES	YES
GWC-10	YES	YES	YES	YES	YES	YES
GWC-11	YES	YES	YES	YES	YES	YES
GWC-12	YES	YES	YES	YES	YES	YES
GWC-13	YES	YES	YES	YES	YES	YES
GWC-14	YES	YES	YES	YES	YES	YES
GWC-15	YES	YES	YES	YES	YES	YES
GWC-16	YES	YES	YES	YES	YES	YES
GWC-17	YES	YES	YES	YES	YES	YES
GWC-18	YES	YES	YES	YES	YES	YES
GWC-19	YES	YES	YES	YES	YES	YES
GWC-20	YES	YES	YES	YES	YES	YES
GWC-21	YES	YES	YES	YES	YES	YES
GWC-22	YES	YES	YES	YES	YES	YES
GWC-23	YES	YES	YES	YES	YES	YES
GWC-24	YES	YES	YES	YES	YES	YES
GWC-25	YES	YES	YES	YES	YES	YES
GWC-26	YES	YES	YES	YES	YES	YES
GWC-27	YES	YES	YES	YES	YES	YES
GWA-28	YES	YES	YES	YES	YES	YES
GWA-29	YES	YES	YES	YES	YES	YES
GWC-30	YES	YES	YES	YES	YES	YES
GWC-31	YES	YES	YES	YES	YES	YES
GWC-32	YES	YES	YES	YES	YES	YES
GWC-33	YES	YES	YES	YES	YES	YES
GWC-34	YES	YES	YES	YES	YES	YES
GWC-35	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley CCR Landfill

Date: 2/10/2025

Permit Number: 074-005D(CCR)

Field Conditions: Mostly cloudy, 55º F

Well ID:	Corrective actions as needed, by date:
GWA-1	
GWA-2	
GWA-3	
GWA-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	Well pad repaired, August 11, 2025.
GWC-14	
GWC-15	
GWC-16	
GWC-17	
GWC-18	
GWC-19	
GWC-20	
GWC-21	
GWC-22	
GWC-23	
GWC-24	
GWC-25	
GWC-26	
GWC-27	
GWA-28	
GWA-29	
GWC-30	
GWC-31	
GWC-32	
GWC-33	
GWC-34	
GWC-35	

ATLANTIC COAST CONSULTING, INC.

A solid approach for a cleaner environment.

Memorandum

To: Trey Singleton – Southern Company Services

From: Atlantic Coast Consulting

Date: August 13, 2025

Subject: Plant Wansley Landfill – 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 Landfill 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 August 11, 2025, Southern Company Civil Field Services filled in a 2-inch gap between the well pad and ground surface with grout to provide stabilization for groundwater monitoring well GWC-13.

No other repairs or well maintenance were necessary during the reporting period.

APPENDIX A

Laboratory Analytical and Field Sampling Reports
April 2025 Monitoring Event

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/22/2025 12:20:37 PM

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-263608-1

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-263608-1

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 Landfill

Job ID: 680-263608-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-263608-1	WAN-GWC-11	Water	04/16/25 13:45	04/18/25 10:25

Job ID: 680-263608-1 — Eurofins Savannah

Job Narrative
680-263608-1

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 4/18/2025 10:25 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 5.6°C.

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-263608-1

Client Sample ID: WAN-GWC-11
Date Collected: 04/16/25 13:45
Date Received: 04/18/25 10:25

Lab Sample ID: 680-263608-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		04/21/25 05:42	04/21/25 17:29	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-263608-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-881113/1-A
Matrix: Water
Analysis Batch: 881206

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 881113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		04/21/25 05:42	04/21/25 17:25	1

Lab Sample ID: LCS 680-881113/2-A
Matrix: Water
Analysis Batch: 881206

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 881113

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			0.500	0.503		mg/L		101	80 - 120		

Lab Sample ID: 680-263608-1 MS
Matrix: Water
Analysis Batch: 881206

Client Sample ID: WAN-GWC-11
Prep Type: Total Recoverable
Prep Batch: 881113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	<0.00021		0.500	0.518		mg/L		104	75 - 125		

Lab Sample ID: 680-263608-1 MSD
Matrix: Water
Analysis Batch: 881206

Client Sample ID: WAN-GWC-11
Prep Type: Total Recoverable
Prep Batch: 881113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00021		0.500	0.518		mg/L		104	75 - 125	0	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-263608-1

Metals

Prep Batch: 881113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263608-1	WAN-GWC-11	Total Recoverable	Water	3005A	
MB 680-881113/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-881113/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-263608-1 MS	WAN-GWC-11	Total Recoverable	Water	3005A	
680-263608-1 MSD	WAN-GWC-11	Total Recoverable	Water	3005A	

Analysis Batch: 881206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263608-1	WAN-GWC-11	Total Recoverable	Water	6020B	881113
MB 680-881113/1-A	Method Blank	Total Recoverable	Water	6020B	881113
LCS 680-881113/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881113
680-263608-1 MS	WAN-GWC-11	Total Recoverable	Water	6020B	881113
680-263608-1 MSD	WAN-GWC-11	Total Recoverable	Water	6020B	881113

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-263608-1

Client Sample ID: WAN-GWC-11
Date Collected: 04/16/25 13:45
Date Received: 04/18/25 10:25

Lab Sample ID: 680-263608-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	881113	04/21/25 05:42	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881206	04/21/25 17:29	BWR	EET SAV
	Instrument ID: ICPMSG									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-263608-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-263608-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	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 Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Hunter Auld	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 680-166701-59109.1
Client Contact: Robert (Trey) Singleton	Phone: 770-594-5998	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 3535 Colonnade Parkway Bin S 530 EC	Due Date Requested:			Preservation Codes: D - HNO3
City: Birmingham	TAT Requested (days):			
State, Zip: AL, 35243	Compliance Project: Δ Yes Δ No			27-APR-17
Phone:	PO #: GPC82130-0008 / PO Line #1 & #2			
Email: ROSINGLE@SOUTHERNCO.COM	WO #:			
Project Name: Plant Wansley Landfill	Project #: 68027763			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Lead	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D		
(HA) ~~GWC-11~~ WAN-GWC-11	4-16-2025	1345	G	W	MN		✓	2	

680-263608 Chain of Custody

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

Sample Disposal (A fee may be assessed if sa
☐ 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	Hunter Auld	4-17-25/0929	ACC		4/17/25 9:09	
2					4-18-25 1025	M
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.6/5.6 0.2 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-263608-1

Login Number: 263608

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	

LEVEL 2A LABORATORY DATA VALIDATIONS

Plant Wansley Landfill

Verification Event

April 2025

Georgia Power Company – Plant Wansley Landfill

Quality Control Review of Analytical Data – April 2025

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins Environment Testing America, Savannah for groundwater samples collected at Plant Wansley Landfill (LF) April 16, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 680-263608-1 presents data from a verification event conducted to further assess previously-reported data for a select metals analyte.

In accordance with groundwater monitoring and corrective action procedures discussed in the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.14 and Title 40 Code of Federal Regulations (CFR), Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for specified detection monitoring constituents listed in 40 CFR, Part 257, Appendix III, as appropriate. Test methods included Inductively Coupled Plasma – Mass Spectrometry (US EPA Method 6020B).

Data were reviewed in accordance with the US EPA Region 4 Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control sample), and blank contamination (laboratory blanks). Sample receipt conditions, holding times, and chains of custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were not applicable to this sampling event.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the estimated concentration of the analyte in the sample.

ND: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the analytical method and data validation guidelines.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from the Plant Wansley LF sampled April 16, 2025 in accordance with the analytical method, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]US EPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

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

TABLE 1

Sample Summary Table – April 2025

Georgia Power Company – Plant Wansley Landfill

						Analyses		
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020)	Anions (300.0)	TDS (SM 2540C)
263608	WAN-GWC-11	04/16/2025	680-263608-1	WG		X		

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
QC – Quality Control
SDG – Sample Delivery Group
WS – Surface Water
TDS – Total Dissolved Solids
WG – Groundwater
WQ – Water Quality Control

Low-Flow Test Report:

Test Date / Time: 4/16/2025 1:20:17 PM
Project: Plant Wansley Landfill
Operator Name: Hunter Auld

Location Name: GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.16 ft** **Total Depth: 18.16 ft** **Initial Depth to Water: 6.06 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 13 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.1 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1345. Clear 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	
4/16/2025 1:20 PM	00:00	5.70 pH	18.46 °C	135.83 µS/cm	1.39 mg/L	7.10 NTU	181.2 mV	6.06 ft	200.00 ml/min
4/16/2025 1:25 PM	05:00	5.93 pH	17.79 °C	137.13 µS/cm	0.33 mg/L	3.60 NTU	44.6 mV	6.30 ft	200.00 ml/min
4/16/2025 1:30 PM	10:00	6.11 pH	17.79 °C	144.90 µS/cm	0.23 mg/L	2.40 NTU	-0.0 mV	6.30 ft	200.00 ml/min
4/16/2025 1:35 PM	15:00	6.19 pH	17.87 °C	149.08 µS/cm	0.15 mg/L	2.20 NTU	-14.9 mV	6.30 ft	200.00 ml/min
4/16/2025 1:40 PM	20:00	6.20 pH	17.80 °C	151.39 µS/cm	0.13 mg/L	2.50 NTU	-21.7 mV	6.30 ft	200.00 ml/min
4/16/2025 1:45 PM	25:00	6.21 pH	17.83 °C	153.08 µS/cm	0.14 mg/L	2.80 NTU	-25.4 mV	6.40 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley LF

Date: 4-16-25

Calibrated By: H. Auld

Field Conditions: clear, 60s → 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1101846
Turbidity Meter	Geotech	24015673

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	BGJ1090	10/25	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GG1129	07/26	PINE
Specific Conductance (µS/cm)	1,413	4GH0240	8/25	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~~ 20	770	09/26	HACH
	~~20~~ 100	↓	↓	HACH
	~~100~~ 800	↓	↓	HACH

Calibration					
Time Start: 1150		**Time Finish:** 1210			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	20.5	± 10%	EPA 2023
pH (SU)	4.00	4.00	20.5	± 0.1	GWMP
pH (SU)	7.00	7.00	20.6	± 0.1	GWMP
pH (SU)	10.00	10.05	22.0	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	21.0	± 10% of standard	NA
ORP (mV)	240.0	240	21.4	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	~~10~~ 20	20		
	~~20~~ 100	100		
	~~100~~ 800	800		

Calibration Check					
Time Start	NA	**Time Finish**	NA		
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:

Atlantic Coast Consulting, Inc.

APPENDIX B

HISTORICAL SURFACE WATER ANALYTICAL DATA

Summary of Surface Water Analytical Data
September 2011
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-5	SWA-6	SWC-7	SWC-9
		9/17/2011	9/17/2011	9/17/2011	9/17/2011	9/17/2011	9/17/2011	9/17/2011
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.017	0.036	0.015	0.051	0.035	0.030	0.026
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0013	0.0017	0.0014	<0.0013	0.0015	<0.0013	0.0014
	Cobalt	<0.0025	0.017	0.0054	<0.0025	<0.0025	<0.0025	<0.0025
	Copper	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Lead	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168
	Nickel	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Selenium	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Silver	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Thallium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	Vanadium	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Zinc	<0.0025	0.016	<0.0025	0.0099	0.0030	<0.0025	0.0050

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
October 2011
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-5	SWA-6	SWC-7	SWC-9
		10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011	10/25/2011
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	0.0067	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.016	0.039	0.068	0.052	0.11	0.059	0.13
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0013	0.0032	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0013	0.0023	0.0041	<0.0013	<0.0013	<0.0013	0.0022
	Cobalt	<0.0025	0.014	0.021	<0.0025	<0.0025	<0.0025	0.24
	Copper	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Lead	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168	<0.000168
	Nickel	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.016
	Selenium	<0.013	<0.0050	<0.0050	<0.013	0.0228	<0.013	<0.0050
	Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Thallium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	Vanadium	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
	Zinc	<0.0025	0.13	0.028	0.0083	0.0095	0.0055	0.0054

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
December 2011
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-2	SWC-5	SWA-6	SWC-7	SWC-9
		12/2/2011	12/2/2011	12/2/2011	12/2/2011	12/2/2011	12/2/2011
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.020	0.041	0.059	0.024	0.026	0.0053
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0013	0.0020	<0.0013	<0.0013	<0.0013	<0.0013
	Cobalt	<0.0025	0.016	0.0029	<0.0025	<0.0025	<0.0025
	Copper	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Lead	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123
	Nickel	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	Selenium	<0.013	0.017	<0.013	<0.013	<0.013	<0.013
	Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Thallium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	Vanadium	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
	Zinc	0.0029	0.0027	0.0092	0.0057	0.0070	0.0031

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
February 2012
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-5	SWA-6	SWC-7	SWC-8	SWC-9
		2/6/2012	2/6/2012	2/6/2012	2/6/2012	2/6/2012	2/6/2012	2/6/2012	2/6/2012
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.019	0.085	0.060	0.057	0.019	0.024	0.078	0.026
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0005	<0.0005	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0050	0.0067	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Cobalt	<0.0025	0.015	0.028	0.0048	<0.0025	<0.0025	0.033	0.0058
	Copper	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Lead	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123	<0.000123
	Nickel	<0.0025	0.0026	<0.0025	0.0038	<0.0025	<0.0025	0.0059	0.013
	Selenium	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
	Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	Thallium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
	Vanadium	<0.0100	0.0274	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
	Zinc	0.0047	0.0241	0.0139	0.0051	0.0041	0.0026	0.0085	0.023

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
July 2012
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		7/16/2012	7/12/2012	7/12/2012	7/12/2012
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0025	<0.0025	<0.0025	<0.0025
	Barium	0.017	0.048	0.014	0.026
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.00050	<0.00050	<0.00050
	Chromium	<0.0013	<0.0013	<0.0013	<0.0013
	Cobalt	<0.0013	<0.0050	<0.0050	<0.0050
	Copper	<0.0050	<0.0050	<0.0050	<0.0050
	Lead	<0.0025	<0.0025	<0.0025	<0.0025
	Mercury	<0.000200	<0.000123	<0.000123	<0.000123
	Nickel	<0.0025	<0.0050	<0.0050	<0.0050
	Selenium	<0.0050	<0.0050	<0.0050	<0.0050
	Silver	<0.0025	<0.0050	<0.0050	<0.0050
	Thallium	<0.0020	<0.0010	<0.0010	<0.0010
	Vanadium	<0.0050	<0.0050	<0.0050	<0.0050
	Zinc	0.0031	0.0038	<0.0025	0.0031

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
January 2013
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		1/24/2013	1/24/2013	1/24/2013	1/24/2013
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.022	0.064	0.023	0.024
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0013	<0.0013	<0.0013	<0.0013
	Cobalt	<0.0013	0.0022	<0.0013	<0.0013
	Copper	<0.0050	<0.0050	<0.0050	<0.0050
	Lead	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000200	<0.000200	<0.000200	<0.000200
	Nickel	<0.0025	<0.0025	<0.0025	<0.0025
	Selenium	<0.0050	<0.0050	<0.0050	<0.0050
	Silver	<0.0025	<0.0025	<0.0025	<0.0025
	Thallium	<0.0010	<0.0010	<0.0010	<0.0010
	Vanadium	<0.0050	<0.0050	<0.0050	<0.0050
	Zinc	0.0032	0.0031	0.0031	<0.0025

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
July 2013
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		7/2/2013	7/2/2013	7/2/2013	7/2/2013
Required by Permit	Antimony	<0.0050	<0.0050	<0.0050	<0.0050
	Arsenic	<0.0050	<0.0050	<0.0050	<0.0050
	Barium	0.013	0.068	0.014	0.015
	Beryllium	<0.0013	<0.0013	<0.0013	<0.0013
	Cadmium	<0.0013	<0.0013	<0.0013	<0.0013
	Chromium	<0.0013	<0.0013	<0.0013	<0.0013
	Cobalt	<0.0013	0.0039	<0.0013	<0.0013
	Copper	<0.0050	<0.0050	<0.0050	<0.0050
	Lead	<0.013	<0.013	<0.013	<0.013
	Mercury	<0.000100	<0.000100	<0.000100	<0.000100
	Nickel	<0.0025	<0.0025	<0.0025	<0.0025
	Selenium	<0.0050	<0.0050	<0.0050	<0.0050
	Silver	<0.0025	<0.0025	<0.0025	<0.0025
	Thallium	<0.0010	<0.0010	<0.0010	<0.0010
	Vanadium	<0.0050	<0.0050	<0.0050	<0.0050
	Zinc	<0.0025	0.0071	<0.0025	0.023

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory reporting limit (RL).

Summary of Surface Water Analytical Data
January 2014
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		1/23/2014	1/14/2014	1/23/2014	1/23/2014
Required by Permit	Antimony	<0.0013	0.0024 J	<0.0013	0.0022 J
	Arsenic	<0.0012	<0.0020	<0.0012	<0.0012
	Barium	0.017	0.063	0.018	0.021
	Beryllium	<0.000050	<0.000075	<0.000050	<0.000050
	Cadmium	<0.00050	<0.00025	<0.00050	<0.00050
	Chromium	0.011	<0.0010	0.010	<0.00030
	Cobalt	<0.00024	0.0026	<0.00024	<0.00024
	Copper	0.0013 J	<0.00075	0.0012 J	<0.00048
	Lead	<0.0010	<0.0025	<0.0010	<0.0010
	Mercury	<0.0000402	<0.0000402	<0.0000402	<0.0000402
	Nickel	0.014	0.0015 J	<0.00058	<0.00058
	Selenium	<0.0016	<0.0050	<0.0016	<0.0016
	Silver	<0.00022	<0.00050	<0.00022	<0.00022
	Thallium	<0.00006	0.000090 J	<0.00006	<0.00006
	Vanadium	<0.00060	0.0010 J	<0.00060	<0.00060
	Zinc	0.0080	0.0089	0.0070	0.0048

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
June 2014
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		6/23/2014	6/24/2014	6/23/2014	7/1/2014
Required by Permit	Antimony	<0.0020	<0.0020	<0.0020	<0.0020
	Arsenic	<0.0020	<0.0020	<0.0020	<0.0020
	Barium	0.013	0.12	0.014	0.020
	Beryllium	<0.000075	0.000075 J	<0.000075	<0.000075
	Cadmium	<0.00025	<0.00025	<0.00025	<0.00025
	Chromium	<0.0010	<0.0010	<0.0010	<0.0010
	Cobalt	<0.00050	0.014	<0.00050	0.00066 J
	Copper	<0.00083	<0.00083	<0.00083	<0.00083
	Lead	<0.0025	<0.0025	<0.0025	<0.0025
	Mercury	<0.0000351	<0.0000351	<0.0000351	<0.0000351
	Nickel	<0.0013	0.0069	<0.0013	<0.0013
	Selenium	<0.0050	<0.0050	<0.0050	<0.0050
	Silver	<0.00050	<0.00050	<0.00050	<0.00050
	Thallium	<0.00009	<0.00009	<0.00009	0.00001 J
	Vanadium	<0.00083	<0.00083	<0.00083	<0.00083
	Zinc	0.0014 J	0.0043	0.0017 J	0.0014 J

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
January 2015
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		1/21/2015	1/20/2015	1/21/2015	1/21/2015
Required by Permit	Antimony	<0.0020	<0.0020	<0.0020	<0.0020
	Arsenic	<0.0020	<0.0020	<0.0020	0.0028 J
	Barium	0.018	0.075	0.022	0.028
	Beryllium	<0.000075	0.00011 J	<0.000075	0.00012 J
	Cadmium	<0.00025	<0.00025	<0.00025	<0.00025
	Chromium	<0.0010	<0.0010	<0.0010	<0.0010
	Cobalt	<0.00050	0.0062	0.00058 J	0.0014
	Copper	<0.00083	<0.00083	<0.00083	<0.00083
	Lead	<0.0025	<0.0025	<0.0025	<0.0025
	Mercury	<0.0000201	<0.0000201	<0.0000201	<0.0000201
	Nickel	<0.0013	0.0026	<0.0013	<0.0013
	Selenium	<0.0050	<0.0050	<0.0050	<0.0050
	Silver	<0.00050	<0.00050	<0.00050	<0.00050
	Thallium	<0.00009	<0.00009	<0.00009	<0.00009
	Vanadium	0.0011 J	<0.00083	0.00088 J	0.0016 J
	Zinc	0.0026	0.0018 J	0.029	0.0045

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
July 2015
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		7/22/2015	7/22/2015	7/22/2015
Required by Permit	Antimony	<0.0020	<0.0020	<0.0020
	Arsenic	<0.0020	0.0022 J	0.0070
	Barium	0.014	0.016	0.027
	Beryllium	<0.000075	<0.000075	0.00010 J
	Cadmium	<0.00025	<0.00025	<0.00025
	Chromium	<0.0010	<0.0010	0.0014
	Cobalt	<0.00050	<0.00050	0.0017
	Copper	<0.00080	<0.00080	<0.00080
	Lead	<0.0025	<0.0025	<0.0025
	Mercury	<0.0000201	<0.0000201	0.0000211 J
	Nickel	<0.0013	<0.0013	<0.0013
	Selenium	<0.0050	<0.0050	<0.0050
	Silver	<0.00050	<0.00050	<0.00050
	Thallium	<0.00006	<0.00006	<0.00006
	Vanadium	<0.0011	<0.0011	0.0032 J
	Zinc	0.0018 J	0.0031	0.0051

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
January 2016
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		1/20/2016	1/20/2016	1/20/2016
Required by Permit	Antimony	<0.0020	<0.0020	<0.0020
	Arsenic	<0.0020	0.0020 J	0.0020 J
	Barium	0.022	0.024	0.027
	Beryllium	0.00013 J	0.000083 J	0.000095 J
	Cadmium	<0.00025	<0.00025	<0.00025
	Chromium	<0.0010	<0.0010	<0.0010
	Cobalt	0.00063 J	0.00075 J	0.00077 J
	Copper	0.00089 J	0.00080 J	<0.00075
	Lead	<0.0025	<0.0025	<0.0025
	Mercury	<0.0000110	<0.0000110	<0.0000110
	Nickel	<0.0013	<0.0013	<0.0013
	Selenium	<0.0025	<0.0025	<0.0025
	Silver	<0.00050	<0.00050	<0.00050
	Thallium	<0.0000600	<0.0000600	<0.0000600
	Vanadium	0.0014 J	0.0012 J	0.00095 J
	Zinc	0.0036	0.0074	0.0041

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
July 2016
Plant Wansley Disposal Facility
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		7/27/2016	7/27/2016	7/27/2016
Required by Permit	Antimony	<0.0010	<0.0010	<0.0010
	Arsenic	<0.00046	0.0068	0.0062
	Barium	0.010	0.011	0.022
	Beryllium	<0.00034	<0.00034	<0.00034
	Cadmium	<0.00034	<0.00034	<0.00034
	Chromium	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00040	<0.00040	<0.00040
	Copper	<0.0021	<0.0021	<0.0021
	Lead	<0.00035	<0.00035	<0.00035
	Mercury	0.000096 J	0.000091 J	0.000092 J
	Nickel	<0.0018	<0.0018	<0.0018
	Selenium	<0.00024	<0.00024	0.00074 J
	Silver	<0.00011	<0.00011	<0.00011
	Thallium	<0.000085	<0.000085	<0.000085
	Vanadium	0.0014 J	0.0015 J	0.0015 J
	Zinc	<0.0065	<0.0065	<0.0065

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
January 2017
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		1/23/2017	1/23/2017	1/23/2017
Appendix III	Boron	<0.021	0.041 J	0.040 J
	Calcium	2.1	12	5.3
	Chloride	2.4	4.7	4.6
	Fluoride	<0.082	0.17 J	0.11 J
	Sulfate	4.3	27	9.9
	TDS	40	74	38
Required by Permit	Antimony	<0.0010	<0.0010	<0.0010
	Arsenic	0.00062 J	0.00074 J	0.018
	Barium	0.029	0.037	0.032
	Beryllium	<0.00034	<0.00034	<0.00034
	Cadmium	<0.00034	<0.00034	<0.00034
	Chromium	0.0012 J	<0.0011	0.0011 J
	Cobalt	0.00077 J	0.00097 J	0.00095 J
	Copper	<0.0021	<0.0021	<0.0021
	Lead	0.0011 J	<0.00035	0.00086 J
	Mercury	<0.000070	<0.000070	<0.000070
	Nickel	<0.0018	<0.0018	<0.0018
	Selenium	<0.00024	<0.00024	<0.00024
	Silver	<0.00011	<0.00011	<0.00011
	Thallium	<0.000085	<0.000085	<0.000085
	Vanadium	0.011	0.011	0.012
	Zinc	0.010 J	0.0077 J	0.0098 J

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
August 2017
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		8/1/2017	8/1/2017	8/1/2017
Required by Permit	Antimony	<0.0010	<0.0010	<0.0010
	Arsenic	<0.00046	<0.00046	0.0012 J
	Barium	0.013	0.029	0.020
	Beryllium	<0.00034	<0.00034	<0.00034
	Cadmium	<0.00034	<0.00034	<0.00034
	Chromium	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00040	<0.00040	<0.00040
	Copper	<0.0021	<0.0021	<0.0021
	Lead	<0.00035	<0.00035	<0.00035
	Mercury	<0.000070	<0.000070	<0.000070
	Nickel	<0.0018	<0.0018	<0.0018
	Selenium	<0.00024	<0.00024	0.00048 J
	Silver	<0.00011	<0.00011	<0.00011
	Thallium	<0.000085	<0.000085	<0.000085
	Vanadium	<0.0014	<0.0014	<0.0014
	Zinc	<0.0065	<0.0065	<0.0065

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L).
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.

Summary of Surface Water Analytical Data
January 2018
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWA-6	SWC-7
		1/22/2018	1/24/2018	1/24/2018
Appendix III	Boron	0.026 J	0.067	0.11
	Calcium	3.0	11	8.5
	Chloride	3.7	6.1	9.1
	Fluoride	<0.082	0.13 J	<0.082
	pH	6.66	7.14	7.01
	Sulfate	2.7	20	9.3
	TDS	<3.4	88	<3.4
Required by Permit	Antimony	<0.0010	<0.0010	<0.0010
	Arsenic	<0.00046	0.00071 J	0.0073
	Barium	0.016	0.033	0.025
	Beryllium	<0.00034	<0.00034	<0.00034
	Cadmium	<0.00034	<0.00034	<0.00034
	Chromium	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00040	0.00043 J	0.00073 J
	Copper	<0.0021	<0.0021	<0.0021
	Lead	<0.00035	<0.00035	<0.00035
	Mercury	<0.000070	<0.000070	<0.000070
	Nickel	<0.0018	<0.0018	<0.0018
	Selenium	<0.00024	<0.00024	0.00043 J
	Silver	<0.00011	<0.00011	<0.00011
	Thallium	<0.000085	<0.000085	<0.000085
	Vanadium	<0.0014	0.0018 J	<0.0014
	Zinc	<0.0065	<0.0065	<0.0065

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
June 2018
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		6/25/2018	6/25/2018	6/25/2018	6/26/2018
Appendix III	Boron	<0.021	0.11	0.042 J	0.088
	Calcium	2.6	14	4.1	6.8
	Chloride	2.8	17	5.4	7.5
	Fluoride	<0.082	0.12 J	<0.082	0.11 J
	pH	6.86	5.86	6.64	5.83
	Sulfate	1.2	5.5	3.1	15
	TDS	8.0	100	32	18
Required by Permit	Antimony	<0.0010	<0.0010	<0.0010	<0.0010
	Arsenic	<0.00046	0.0012 J	0.0019	0.0033
	Barium	0.015	0.10	0.016	0.021
	Beryllium	<0.00034	<0.00034	<0.00034	<0.00034
	Cadmium	<0.00034	<0.00034	<0.00034	<0.00034
	Chromium	<0.0011	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00040	0.013	<0.00040	<0.00040
	Copper	<0.0021	<0.0021	<0.0021	<0.0021
	Lead	<0.00035	0.00050 J	<0.00035	<0.00035
	Mercury	<0.000070	<0.000070	<0.000070	<0.000070
	Nickel	<0.0018	0.0022 J	<0.0018	<0.0018
	Selenium	0.00035 J	<0.00024	0.00077 J	0.00030 J
	Silver	<0.00011	<0.00011	<0.00011	<0.00011
	Thallium	<0.000085	<0.000085	<0.000085	<0.000085
	Vanadium	<0.0014	<0.0014	<0.0014	<0.0014
	Zinc	<0.0065	0.0076 J	<0.0065	<0.0065

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
January 2019
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-4	SWC-5	SWA-6	SWC-7	SWC-8
		1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019	1/28/2019
Appendix III	Boron	<0.030	<0.030	<0.030	<0.030	0.14	0.035 J	0.055	<0.030
	Calcium	2.0	13	8.0	4.9	14	3.2	4.3	10
	Chloride	2.2	4.0	25	3.3	19	3.4	4.8	4.1
	Fluoride	0.027 J	0.11 J	0.19 J	0.060 J	0.079 J	0.038 J	0.055 J	0.034 J
	pH	6.69	6.21	6.03	6.26	6.63	6.93	6.75	6.19
	Sulfate	2.3	1.2	2.3	1.6	9.7	3.6	6.2	14
	TDS	18	120	140	73	100	37	56	66
Required by Permit	Antimony	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Arsenic	<0.00032	0.00048 J	0.00047 J	0.00059 J	0.00049 J	0.00084 J	0.00087 J	<0.00032
	Barium	0.021	0.061	0.037	0.051	0.062	0.023	0.026	0.040
	Beryllium	0.00012 J	<0.000057	0.000081 J	<0.000057	<0.000057	0.000091 J	0.000089 J	<0.000057
	Cadmium	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Chromium	0.0017 J	0.0013 J	0.0017 J	0.0011 J	0.0011 J	0.00091 J	0.00082 J	0.0011 J
	Cobalt	0.00038 J	0.0044	0.10	0.010	0.0025	0.00051 J	0.00061 J	0.0029
	Copper	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	Lead	0.00045 J	0.00021 J	0.00014 J	0.00016 J	0.00035 J	0.00037 J	0.00033 J	0.00021 J
	Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Nickel	0.00051 J	0.00043 J	0.0031	0.00043 J	0.0017	0.00051 J	0.00062 J	0.00061 J
	Selenium	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081	<0.00081
	Silver	<0.00012	<0.00012	0.00039 J	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
	Thallium	<0.000063	<0.000063	<0.000063	<0.000063	<0.000063	<0.000063	<0.000063	<0.000063
	Vanadium	0.0016	0.0011	<0.00090	<0.00090	0.0013	0.0010	<0.00090	<0.00090
	Zinc	0.0036 J	0.0029 J	<0.0024	<0.0024	0.0030 J	0.0045 J	0.0045 J	0.0032 J

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
June 2019
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-5	SWA-6	SWC-7
		6/27/2019	6/27/2019	6/27/2019	6/27/2019	6/27/2019	6/27/2019
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00032	0.0012	0.0025	<0.00032	0.00047 J	0.00041 J
	Barium	0.013	0.050	0.076	0.080	0.019	0.020
	Beryllium	<0.00016	<0.00016	0.00041 J	<0.00016	<0.00016	<0.00016
	Cadmium	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Chromium	0.0023	0.0029	0.0063	0.0022	0.0023	0.0022
	Cobalt	0.00012 J	0.0043	0.098	0.011	0.00022 J	0.00032 J
	Copper	<0.00063	<0.00063	0.0053	0.0052	<0.00063	<0.00063
	Lead	0.00021 J	0.00018 J	0.0045	0.00023 J	0.0011	0.00016 J
	Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Nickel	<0.00031	0.00037 J	0.0058	0.0056	0.00033 J	0.00041 J
	Selenium	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026
	Silver	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
	Thallium	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Vanadium	0.0018	0.0017	0.016	0.0011	0.0014	0.0015
	Zinc	0.0057	0.0034 J	0.016	0.010	0.0033 J	<0.0032

Notes:
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Summary of Surface Water Analytical Data
September 2019
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-2	SWC-3	SWC-5	SWA-6	SWC-7
		9/17/2019	9/17/2019	9/17/2019	9/17/2019	9/17/2019	9/17/2019
Appendix III	Boron	0.040 J	<0.039	0.064 J	0.18	0.32	0.35
	Calcium	4.0	16	7.5	14	10	12
	Chloride	2.8	3.2	39	21	14	18
	Fluoride	0.089 J	0.17 J	0.21	0.076 J	0.10 J	0.097 J
	pH	6.94	6.06	5.85	5.81	6.87	7.08
	Sulfate	2.1	0.49 J	1.8	11	9.3	11
	TDS	50	120	240	130	100	89
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	0.00034 J	0.0013	0.0010	<0.00032	0.00070 J	0.00085 J
	Barium	0.017	0.047	0.044	0.083	0.022	0.026
	Beryllium	0.00023 J	0.00021 J	0.00038 J	<0.00018	0.00027 J	<0.00018
	Cadmium	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Chromium	<0.0015	0.0023	0.0016 J	<0.0015	<0.0015	<0.0015
	Cobalt	0.00021 J	0.0043	0.16	0.010	0.00031 J	0.00024 J
	Copper	<0.00063	0.00083 J	<0.00063	<0.00063	<0.00063	<0.00063
	Lead	0.00017 J	0.00047 J	0.00037 J	0.00035 J	0.00018 J	<0.00013
	Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Nickel	<0.00034	0.00062 J	0.0054	0.0049	0.00058 J	0.00039 J
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	0.0010	0.0028	0.0018	0.0012	0.0012	<0.00099
	Zinc	0.0045 J	0.0061	0.0064	0.011	0.0057	0.0042 J

Notes:
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4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
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Summary of Surface Water Analytical Data
March 2020
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-5	SWC-7	SWC-8
		3/19/2020	3/19/2020	3/19/2020	3/19/2020
Appendix III	Boron	<0.039	0.34	<0.039	<0.039
	Calcium	1.9	20	5.0	13
	Chloride	2.5	26	3.7	3.7
	Fluoride	0.029 J	0.041 J	<0.026	0.036 J
	pH	7.00	6.75	6.59	6.37
	Sulfate	2.2	15	5.4	8.3
	TDS	20	150	44	98
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	0.00067 J
	Barium	0.017	0.077	0.032	0.042
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	0.00017 J	0.0039	0.0030	0.015
	Copper	<0.00063	<0.00063	0.00083 J	0.00067 J
	Lead	0.00041 J	<0.00013	0.00053 J	0.00029 J
	Mercury	<0.00010	<0.00010	<0.00010	<0.00010
	Nickel	<0.00034	0.0026	0.00040 J	0.0013
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	0.0019	0.0011
	Zinc	0.0035 J	0.0039 J	0.0036 J	0.0050

Notes:
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3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
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Summary of Surface Water Analytical Data
September 2020
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		9/16/2020	9/16/2020	9/16/2020	9/16/2020	9/16/2020
Appendix III	Boron	0.040 J	0.15	0.20	0.094	0.11
	Calcium	4.3	9.2	15	6.5	7.5
	Chloride	2.9	51	24	6.8	7.7
	Fluoride	0.10	0.24	0.094 J	0.11	0.14
	pH	6.11	5.52	5.79	6.21	6.39
	Sulfate	1.8	1.3	15	6.0	8.2
	TDS	36	180	150	67	50
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	0.00099 J	0.00051 J	0.00097 J	0.0035
	Barium	0.024	0.053	0.11	0.025	0.053
	Beryllium	<0.00018	0.00024 J	<0.00018	<0.00018	0.00028 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	0.0031
	Cobalt	<0.00013	0.20	0.017	0.00033 J	0.0040
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	0.0043
	Lead	0.00022 J	0.00024 J	0.00023 J	0.00063 J	0.0035
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.00044 J	0.0077	0.0063	0.00089 J	0.0033
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	0.00023 J	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	0.0012	0.0014	0.0015	0.0078
	Zinc	0.0033 J	0.028	0.0047 J	0.011	0.032

Notes:

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4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7	SWC-8	SWC-9
		3/17/2021	3/17/2021	3/17/2021	3/17/2021	3/17/2021	3/17/2021	3/17/2021
Appendix III	Boron	<0.039	0.20	0.23	0.062 J	<0.039	<0.039	<0.039
	Calcium	2.7	10	16	9.0	5.6	19	3.1
	Chloride	3.1	55	23	9.8	5.0	4.3	1.9
	Fluoride	0.041 J	0.17	0.075 J	0.11	0.047 J	0.049 J	0.059 J
	pH	7.13	6.40	6.94	7.33	7.04	6.37	5.86
	Sulfate	1.7	2.7	16	13	3.5	11	3.4
	TDS	27	150	110	82	61	110	59
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	0.00040 J	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	0.00048 J	0.00041 J	0.0044	0.00037 J	0.00089 J	<0.00031
	Barium	0.017	0.047	0.096	0.039	0.033	0.048	0.019
	Beryllium	<0.00018	<0.00018	0.00020 J	<0.00018	<0.00018	<0.00018	0.00029 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	0.0012 J	0.20	0.0099	0.0016 J	0.0055	0.033	0.013
	Copper	<0.00063	<0.00063	0.0019 J	0.0020	0.00088 J	<0.00063	<0.00063
	Lead	0.00023 J	0.00020 J	0.0019	0.0038	0.00051 J	0.00021 J	0.00020 J
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	0.0064	0.0041	0.0010	0.00045 J	0.0016	0.0011
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	0.00025 J
	Vanadium	<0.00099	<0.00099	0.0041	0.0022	0.0017	<0.00099	<0.00099
	Zinc	<0.0032	<0.0032	0.0047 J	0.018	<0.0032	0.0084	0.0036 J

Notes:

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2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		8/25/2021	8/25/2021	8/25/2021	8/25/2021	8/25/2021
Appendix III	Boron	<0.039	0.34	0.29	0.066 J	0.18
	Calcium	3.5	16	15	11	9.6
	Chloride	3.3	93	28	5.8	12
	Fluoride	0.16	0.29	0.13	0.18	0.16
	pH	6.98	6.09	5.81	6.98	6.98
	Sulfate	1.5	0.82 J	18	18	12
	TDS	39	240	170	99	91
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	0.0016	<0.00031	0.00057 J	0.00083 J
	Barium	0.019	0.061	0.093	0.029	0.032
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	0.00019 J	0.24	0.015	0.00051 J	0.0018 J
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	0.00086 J
	Lead	0.00017 J	<0.00013	<0.00013	<0.00013	0.00054 J
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	0.0062	0.0060	0.00043 J	0.0010
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099	<0.00099	0.0020
	Zinc	<0.0032	<0.0032	<0.0032	<0.0032	0.0050

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
March 2022
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7	SWC-8
		3/4/2022	3/4/2022	3/4/2022	3/4/2022	3/4/2022
Appendix III	Boron	<0.060	0.25	0.092	0.11	<0.060
	Calcium	2.7	16	7.5	8.0	13
	Chloride	3.1	26	11	11	4.2
	Fluoride	0.091 J	0.11	0.13	0.10	0.087 J
	pH	7.00	5.69	6.63	6.95	6.19
	Sulfate	2.2	16	10	12	12
	TDS	39	140	56	67	86
Required by Permit	Antimony	<0.00051	<0.00051	<0.00051	<0.00051	<0.00051
	Arsenic	<0.00028	<0.00028	<0.00028	<0.00028	<0.00028
	Barium	0.018	0.097	0.027	0.028	0.036
	Beryllium	<0.00027	<0.00027	<0.00027	<0.00027	<0.00027
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	<0.00026	0.019	0.00050 J	0.00060 J	0.0053
	Copper	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Lead	<0.00017	<0.00017	<0.00017	<0.00017	0.00020 J
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	<0.00052	0.0069	<0.00052	0.00063 J	0.00092 J
	Selenium	<0.00074	<0.00074	<0.00074	<0.00074	<0.00074
	Silver	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Thallium	<0.00047	<0.00047	<0.00047	<0.00047	<0.00047
	Vanadium	<0.00078	<0.00078	<0.00078	<0.00078	0.00086 J
	Zinc	0.0035 J	<0.0029	0.0041 J	0.0038 J	0.0034 J

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
August 2022
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		8/17/2022	8/18/2022	8/17/2022	8/18/2022	8/18/2022
Appendix III	Boron	<0.060	0.74	0.20	0.14	0.19
	Calcium	4.7	33	13	9.9	11
	Chloride	2.7	130	21	9.9	11
	Fluoride	0.098 J	0.18	0.070 J	0.11	0.11
	pH	7.04	5.87	5.86	6.69	7.13
	Sulfate	1.8	2.5	12	11	12
	TDS	46	340	140	80	87
Required by Permit	Antimony	<0.00051	0.00051 J	<0.00051	<0.00051	<0.00051
	Arsenic	<0.00028	0.00097 J	<0.00028	0.00064 J	0.00063 J
	Barium	0.020	0.073	0.075	0.024	0.027
	Beryllium	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
	Cadmium	0.00017 J	<0.000078	<0.000078	<0.000078	<0.000078
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	0.00034 J	0.32	0.012	0.00032 J	0.00022 J
	Copper	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Lead	<0.00017	<0.00017	<0.00017	<0.00017	<0.00017
	Mercury	<0.000080	<0.000080	<0.000080	<0.000080	<0.000080
	Nickel	<0.00052	0.011	0.0057	0.0011	0.00075 J
	Selenium	<0.0012	0.0018 J	<0.0012	<0.0012	<0.0012
	Silver	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039
	Thallium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00026
	Vanadium	0.0011	<0.00078	<0.00078	0.0011	<0.00078
	Zinc	<0.0029	<0.0029	0.0032 J	0.0044 J	0.0042 J

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
February 2023
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		2/22/2023	2/22/2023	2/22/2023	2/22/2023
Appendix III	Boron	<0.022	0.25	0.064 J	0.091
	Calcium	2.8	17	6.3	7.4
	Chloride	2.5	21	5.4	6.0
	Fluoride	0.048 J	0.077 J	0.069 J	0.070 J
	pH	7.17	6.19	6.92	7.03
	Sulfate	1.9	13	9.3	11
	TDS	35	140	51	60
Required by Permit	Antimony	<0.00034	<0.00034	<0.00034	<0.00034
	Arsenic	<0.00086	<0.00086	<0.00086	<0.00086
	Barium	0.019	0.082	0.025	0.026
	Beryllium	<0.00020	<0.00020	<0.00020	<0.00020
	Cadmium	<0.000078	<0.000078	<0.000078	<0.000078
	Chromium	<0.0012	0.0012 J	<0.0012	<0.0012
	Cobalt	<0.00022	0.0065	0.00051 J	0.00053 J
	Copper	<0.0011	<0.0011	<0.0011	<0.0011
	Lead	<0.00021	0.00046 J	<0.00021	<0.00021
	Mercury	<0.000080	<0.000080	<0.000080	<0.000080
	Nickel	<0.00042	0.0036	0.00067 J	0.00071 J
	Selenium	<0.00099	<0.00099	<0.00099	<0.00099
	Silver	<0.00039	<0.00039	<0.00039	<0.00039
	Thallium	<0.00026	<0.00026	<0.00026	<0.00026
	Vanadium	<0.00063	0.0014 J	<0.00063	<0.00063
	Zinc	0.0029 J	0.0047 J	0.0056	0.0049 J

Notes:
1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the parameter was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
August 2023
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		8/10/2023	8/10/2023	8/10/2023	8/10/2023	8/10/2023
Appendix III	Boron	0.023 J	1.1	0.19	0.058 J	0.11
	Calcium	4.5	40	14	11	9.6
	Chloride	2.5	130	19	5.3	5.3
	Fluoride	0.11	0.19	0.088 J	0.15	0.16
	pH	7.12	6.04	5.82	6.59	6.93
	Sulfate	2.0	8.9	14	15	12
	TDS	57	400	130	73	62
Required by Permit	Antimony	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034
	Arsenic	<0.00086	<0.00086	<0.00086	0.0012	0.0016
	Barium	0.022	0.072	0.081	0.029	0.025
	Beryllium	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
	Cadmium	<0.000078	<0.000078	<0.000078	<0.000078	<0.000078
	Chromium	<0.0012	<0.0012	<0.0012	<0.0012	0.0021
	Cobalt	0.00033 J	0.27	0.014	0.00073 J	0.00062 J
	Copper	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Lead	0.00050 J	<0.00021	<0.00021	0.00046 J	0.00034 J
	Mercury	<0.000080	<0.000080	<0.000080	<0.000080	<0.000080
	Nickel	0.00067 J	0.0083	0.0058	0.00065 J	0.00086 J
	Selenium	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099
	Silver	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039
	Thallium	<0.00026	<0.00026	<0.00026	<0.00026	<0.00026
	Vanadium	0.00095 J	<0.00063	<0.00063	0.0011 J	0.00093 J
	Zinc	0.0039 J	<0.0028	0.0030 J	0.0028 J	<0.0028

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
February 2024
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		2/21/2024	2/21/2024	2/21/2024	2/21/2024	2/21/2024
Appendix III	Boron	0.024 J	1.4	0.17	0.051 J	0.13
	Calcium	2.9	53	14	7.5	9.2
	Chloride	3.2	180	21	4.8	7.7
	Fluoride	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20
	pH	6.27	5.55	5.45	5.91	6.46
	Sulfate	2.8	23	17	15	18
	TDS	37	490	130	53	68
Required by Permit	Antimony	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
	Arsenic	< 0.00086	0.0048	< 0.00086	< 0.00086	< 0.00086
	Barium	0.019	0.11	0.084	0.024	0.029
	Beryllium	< 0.00020	0.00024 J	< 0.00020	< 0.00020	< 0.00020
	Cadmium	< 0.000078	0.00044 J	< 0.000078	< 0.000078	< 0.000078
	Chromium	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	Cobalt	< 0.00022	0.38	0.011	0.00052 J	0.00077 J
	Copper	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Lead	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
	Mercury	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
	Nickel	0.00046 J	0.018	0.0060	0.00044 J	0.00091 J
	Selenium	0.0012 J	0.012	< 0.00099	< 0.00099	0.0013 J
	Silver	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
	Thallium	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
	Vanadium	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063
	Zinc	< 0.0028	0.0076	0.0046 J	0.0032 J	0.0033 J

Notes:

1. Results for parameters are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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3. J indicates the parameter was detected at such low levels that the precision of the laboratory instrument could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated value.
4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
July 2024
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-5	SWA-6	SWC-7
		8/1/2024	8/1/2024	8/1/2024	8/1/2024
Appendix III	Boron	0.023 J	0.18	0.059 J	0.16
	Calcium	5.2	15	23	18
	Chloride	2.5	18	5.1	9.2
	Fluoride	0.041 J	< 0.080	0.11	0.084 J
	pH	7.21	6.04	7.24	7.17
	Sulfate	3.9	12	43	30
	TDS	48	130	120	110
Required by Permit	Antimony	< 0.00034	< 0.00034	< 0.00034	< 0.00034
	Arsenic	< 0.00086	< 0.00086	0.0016	0.0010
	Barium	0.024	0.089	0.043	0.037
	Beryllium	< 0.00020	< 0.00020	< 0.00020	< 0.00020
	Cadmium	< 0.000078	< 0.000078	< 0.000078	< 0.000078
	Chromium	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	Cobalt	0.00025 J	0.012	0.0010 J	0.00062 J
	Copper	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Lead	< 0.00021	< 0.00021	< 0.00021	< 0.00021
	Mercury	< 0.000080	< 0.000080	< 0.000080	< 0.000080
	Nickel	< 0.00042	0.0064	0.00048 J	0.00069 J
	Selenium	< 0.00099	< 0.00099	< 0.00099	< 0.00099
	Silver	< 0.00039	< 0.00039	< 0.00039	< 0.00039
	Thallium	< 0.00026	< 0.00026	< 0.00026	< 0.00026
	Vanadium	< 0.00063	< 0.00063	0.00090 J	< 0.00063
	Zinc	< 0.0028	0.0070	< 0.0028	< 0.0028

Notes:

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4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
6. Parameters required by permit are the list of modified constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit.

Summary of Surface Water Analytical Data
February 2025
Plant Wansley CCR Landfill
Heard County

Parameter		SWA-1	SWC-3	SWC-5	SWA-6	SWC-7
		2/18/2025	2/18/2025	2/17/2025	2/18/2025	2/17/2025
Appendix III	Boron	0.023 J	1.1	0.19	0.062 J	0.074 J
	Calcium	4.3	40	15	22	10
	Chloride	2.5	72	19	5.8	5.4
	Fluoride	< 0.040	< 0.80	< 0.080	< 0.080	< 0.040
	pH	6.91	5.96	5.73	6.72	6.85
	Sulfate	6.9	17 J	14	55	20
	TDS	41	290	130	110	71
Required by Permit	Antimony	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
	Arsenic	< 0.00086	0.0019	< 0.00086	< 0.00086	< 0.00086
	Barium	0.023	0.082	0.091	0.051	0.036
	Beryllium	0.00036 J	0.00029 J	< 0.00020	< 0.00020	< 0.00020
	Cadmium	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
	Chromium	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0012 J
	Cobalt	0.00043 J	0.24	0.011	0.0011 J	0.00099 J
	Copper	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Lead	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
	Mercury	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
	Nickel	0.00057 J	0.011	0.0061	0.0013	0.00091 J
	Selenium	< 0.00099	0.0059	< 0.00099	< 0.00099	< 0.00099
	Silver	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
	Thallium	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
	Vanadium	0.0019 J	0.0016 J	0.0016 J	0.0024	0.0029
	Zinc	0.0086	0.0088	0.0074	0.0072	0.0062

Notes:

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4. TDS indicates total dissolved solids.
5. Appendix III refer to parameters per 40 CFR § 257.94(a).
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APPENDIX C

STATISTICAL ANALYSIS REPORTS

APPENDIX C

Statistical Analysis Reports
February 2025 Monitoring Event

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Trey Singleton
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308

Re: Plant Wansley Landfill – 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 Semi-Annual Groundwater Monitoring Statistical summary of the statistical analysis of groundwater data for Georgia Power Company's Plant Wansley Landfill. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the CCR program in 2016, and for the State program in 2011 in accordance with the Georgia EPD's Solid Waste Permit. An exception includes downgradient well GWC-10 which was first sampled in 2016 for both CCR and State programs. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling is performed in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations; and the February 2025 samples are evaluated in this report.

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

- **Upgradient wells:** GWA-1, GWA-2, GWA-3, GWA-4, GWA-28, and GWA-29
- **Downgradient wells:** GWC-5, GWC-6, GWC-7, GWC-8, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-15, GWC-16, GWC-17, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-24, GWC-25, GWC-26, GWC-27, GWC-30, GWC-31, GWC-32, GWC-33, GWC-34, and GWC-35

While downgradient well GWC-24 has had periods of being historically dry, this well has been consistently sampled over the past few years. Note that upgradient well GWA-3 was dry during the February 2025 sample event; therefore, GWA-3 is not analyzed with intrawell prediction limits in this report. However, historic data from this well are plotted on the time series and box plots, as well as included in interwell analysis.

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

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

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of Appendix I well/constituent pairs with 100% non-detects follows this letter.

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

Due to varying detection limits in background data sets due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well and may result in slight changes in statistical limits between sample events. Substitution of the most recent reporting limit generally gives the most conservative limit in each case. As a result of elevated historic reporting limits for silver at upgradient well GWA-29, the most recent reporting limit of 0.001 mg/L was substituted across all wells for silver to construct statistical limits that are conservative from a regulatory perspective and are representative of present-day groundwater quality conditions.

In earlier analyses, data at all wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods were recommended. Power curves were provided previously, based on a 1-of-3 resample plan for Appendix I constituents and a 1-of-2 resample plan for Appendix III constituents, to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. During the background update in March 2022, sufficient samples were available for Appendix I constituents to provide sufficient power using a 1-of-2 resample plan and a power curve was provided with that report. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (all parameters)

- # Constituents: 16
- # Downgradient wells: 29

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (pH, sulfate, and TDS)
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, and fluoride)
- # Constituents: 7
- # Downgradient wells: 29

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.

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated

with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with 1-of-2 plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

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

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for

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

Background Screening Summary – Georgia EPD Appendix I and CCR Appendix III Constituents – Conducted in February 2024

Outlier Analysis

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate data through August 2023 at all wells for Appendix I and III constituents tested using intrawell methods and through February 2024 on pooled upgradient well data for Appendix III constituents tested using interwell methods. While Tukey's test identified several outliers, only the most extreme values were flagged in the database, such as the highest values for pH at wells GWC-21, GWC-23, GWC-24, GWC-34, and GWC-35, the lowest value for pH at well GWC-23, and the highest value for TDS at GWC-23. All other measurements appeared to be representative of spatial variation in both upgradient and downgradient wells or resulted from reported trace values compared to non-detect measurements within a record. Other values that were flagged but not identified by Tukey's test such as the highest values for cobalt at well GWC-33, for silver at upgradient well GWA-29 and at downgradient well GWC-6, and for zinc at well GWC-9, were identified visually and flagged as outliers in order to obtain statistical limits that are conservative (lower) from a regulatory perspective. No changes were made to previously flagged values in upgradient wells for constituents evaluated using interwell prediction limits.

As mentioned above, flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. An updated summary of flagged outliers follows this letter (Figure C).

Mann-Whitney Evaluation

For constituents requiring intrawell prediction limits (all Appendix I constituents and pH, sulfate, and TDS for the Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2021, to new compliance samples at each well through August 2023. Previously truncated records were also compared to more recent data through August 2023. Any records that were truncated during previous updates due to concentrations that were not representative of present-day groundwater quality conditions used curtailed portions of the respective record for comparison with the Mann-Whitney test. Discussions of any truncated records were included in previous background update reports.

If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. The Mann-Whitney test identified statistically significant differences for the following well/constituent pairs:

Appendix I:

- Antimony: GWA-1 (upgradient), GWC-13, GWC-20
- Barium: GWC-12, GWC-34, GWC-35, and GWC-8
- Cadmium: GWA-28 (upgradient), GWC-13, GWC-19, GWC-21, GWC-31, GWC-34, GWC-7, and GWC-9
- Cobalt: GWC-11 and GWC-5
- Lead: GWC-13, GWC-16, and GWC-7
- Nickel: GWA-2, GWA-4 (both upgradient), and GWC-26
- Vanadium: GWC-18
- Zinc: GWC-32

Appendix III:

- pH: GWC-9
- Sulfate: GWC-10, GWC-12, GWC-32, GWC-33, and GWC-7
- TDS: GWC-7

The majority of these differences for both Appendix I and Appendix III resulted from reported trace values compared to non-detect results within a given record. In some cases, while the median of the compliance data was identified as significantly different from the background median, the reported concentrations in more recent data were similar to those reported historically. Examples include barium in wells GWC-12, GWC-34, and GWC-8; pH in well GWC-9; sulfate in well GWC-32; and zinc in well WC-32. Therefore, all records were updated through August 2023. An exception is for barium in

downgradient well GWC-35 where an increasing trend was observed among compliance data; therefore, this record was not updated with data through August 2023.

Additionally, the historical portion of the records for cobalt at wells GWC-11 and GWC-5; sulfate in wells GWC-10, GWC-33, and GWC-7; and TDS in well GWC-7 were truncated to use the more recent portion of the records with lower reported concentrations than those reported historically within each record. This step serves to provide prediction limits that are conservative (i.e., lower) from a regulatory perspective.

Regarding the statistically significant increase in medians for sulfate at downgradient well GWC-12, the historical portion of the record was truncated to use more recent and stable measurements for construction of an intrawell prediction limit. The slight increase in low-level measurements is, reportedly, attributed to an above-ground expansion joint failure which occurred on a return water pipe in the area in 2014 rather than a result of an impact from the regulated lined landfill.

A summary of background date ranges for these well/constituent pairs, along with other well/constituent pairs with truncated records, follows this letter. All records for constituents using intrawell methods will be re-evaluated during the next background update as discussed earlier.

Upgradient Well Trend Tests – Interwell

The Sen's Slope/Mann Kendall trend test was used to evaluate data at upgradient wells for each of the parameters tested using interwell prediction limits—boron, calcium, chloride, and fluoride (Appendix III) to identify statistically significant increasing or decreasing trends in background at the 99% confidence level. The following statistically significant trends were noted:

Increasing:

- Calcium: GWA-1 and GWA-28
- Chloride: GWA-3

Decreasing:

- Chloride: GWA-29
- Fluoride: GWA-29

The majority of identified significant trends were marginal relative to the average concentrations; therefore, no adjustments were required. Truncation of upgradient well records to remove decreasing trends should be done with caution since the higher

concentrations could appear in future years at downgradient wells in the absence of facility impacts.

Statistical Analysis of Georgia EPD Appendix I Constituents – February 2025

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

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

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August 2023, except for the cases mentioned above, for each well with detections (Figure D). No statistical analyses were required for well/constituent pairs with 100% non-detects. The February 2025 compliance data are compared to the intrawell background limits.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of an additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of the Georgia EPD prediction limits follows this report. Exceedances were noted for the following well/constituent pairs:

- Barium: GWC-5, GWC-16, GWC-20, and GWC-35
- Copper: GWC-8
- Lead: GWC-11 and GWC-19
- Vanadium: GWC-13 and GWC-32
- Zinc: GWC-11

Two-Step Approach

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2025 to evaluate the initial intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure E). The following exceedance was identified:

- Lead: GWC-11

Trend Test Analysis – Appendix I Constituents

Data from downgradient well/constituent pairs for Appendix I constituents found to exceed their respective prediction limit are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure F). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter and the following statistically significant trends were identified:

Increasing
- Barium: GWA-4 (upgradient), GWC-16, and GWC-35

Decreasing
- Copper: GWA-29 (upgradient)

Statistical Analysis of CCR Appendix III Parameters – February 2025

As mentioned above, intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The most recent sample from each downgradient well is compared to the background limit to determine whether apparent exceedances are present.

As a result of the data received from the EQUIS database, some of the reported measurements in upgradient wells for pH were different from those historically used in the Sanitas database; therefore, previously flagged values for pH at upgradient well GWA-2 and downgradient wells GWC-16, GWC-17, GWC-21, and GWC-23 were no longer flagged as outliers in this database. A previously flagged low value for pH at well GWC-23 was confirmed during this analysis. For chloride, fluoride, and sulfate, however, elevated reporting limits among wells GWC-31 and GWC-33 during the September 2017 event were flagged as outliers during this analysis since the reporting limits were significantly higher than any detected observations within the respective records. Similarly, a high trace value for sulfate at well GWC-31 during the September 20217 event was also flagged as an outlier in order to maintain statistical limits that are conservative from a regulatory perspective. These values will be re-evaluated during the next background update.

Intrawell Prediction Limits

For sulfate, pH, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2023 except for cases mentioned above, (Figure G). Additionally, for all well/constituent pairs except those mentioned previously, the February 2025 samples were compared to established statistical limits. Exceedances were noted for the following well/constituent pairs:

- pH (lower limit): GWC-9
- Sulfate: GWA-2 (upgradient), GWC-8, GWC-11, and GWC-35
- TDS: GWC-35

Two-Step Approach

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data February 2025 to evaluate the initial intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure H). No exceedances were identified.

Interwell Prediction Limits

For boron, calcium, chloride, and fluoride which are evaluated using all historical upgradient well data through February 2025 to construct interwell prediction limits combined with a 1-of-2 resample plan (Figure I). The following statistically significant increases were identified:

- Boron: GWC-12, GWC-14, and GWC-35

Trend Test Analysis – Appendix III Constituents

Data from downgradient well/constituent pairs for Appendix III constituents found to exceed their respective prediction limit are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure J). As mentioned above, upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter and the following statistically significant trends were identified:

Increasing
- TDS: GWC-35

Decreasing
- pH: GWA-3 (upgradient) and GWC-9

Resample Reports – April 2025

Additional data were collected in April 2025 for lead in downgradient well GWC-11, which was found to exceed its intrawell prediction limit, and pH in downgradient well GWC-11. Intrawell prediction limits were constructed separately for lead and pH using background data through August 2023 to compare the April 2025 observations (Figures K and L respectively). No exceedances were identified.

Summary

Based on the statistical analyses of the February 2025 observations and April 2025 resamples for Appendix I and III constituents, the following downgradient prediction limit exceedances were identified:

Appendix III
- Boron: GWC-12, GWC-14, and GWC-35

The Sen's Slope/Mann-Kendall trend test was used to identify statistically significant trends for any Appendix I and Appendix III well/constituent pairs initially found to exceed their respective prediction limit. The following statistically significant trends were identified:

Increasing

- Barium: GWA-4 (upgradient), GWC-16, and GWC-35
- TDS: GWC-35

Decreasing

- Copper: GWA-29 (upgradient)
- pH: GWA-3 (upgradient) and GWC-9

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

For Groundwater Stats Consulting,





Easton Rayner
Groundwater Analyst

Andrew Collins
Project Manager

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Summary Tables

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100% Non-Detects: Appendix I

Analysis Run 4/15/2025 10:00 AM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Antimony (mg/L)
GWA-4, GWC-7, GWC-8, GWC-9, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, GWC-19, GWC-21, GWC-34, GWC-35

Arsenic (mg/L)
GWC-10, GWC-15, GWC-27, GWC-30

Beryllium (mg/L)
GWA-4, GWC-5, GWC-7, GWC-13

Cadmium (mg/L)
GWA-2, GWA-4, GWC-6, GWC-12, GWC-15, GWC-16, GWC-18, GWC-20, GWC-23, GWC-26, GWC-27, GWC-32, GWC-33, GWC-35

Cobalt (mg/L)
GWA-28, GWC-13, GWC-18, GWC-30

Copper (mg/L)
GWA-1, GWA-4, GWC-7, GWC-18, GWC-30, GWC-32

Lead (mg/L)
GWC-6, GWC-14, GWC-32, GWC-35

Nickel (mg/L)
GWC-30

Selenium (mg/L)
GWA-2, GWC-10, GWC-17, GWC-19, GWC-20, GWC-23, GWC-24, GWC-34

Silver (mg/L)
GWA-1, GWA-2, GWA-4, GWA-28, GWC-7, GWC-8, GWC-9, GWC-13, GWC-15, GWC-18, GWC-19, GWC-20, GWC-30, GWC-34, GWC-35

Thallium (mg/L)
GWA-28, GWA-29, GWC-5, GWC-10, GWC-16, GWC-17, GWC-18, GWC-26, GWC-32

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Date Ranges

Date: 4/9/2025 4:22 PM

Plant Wansley Client: Southern Company Data: Wansley Landfill

Barium (mg/L)
- GWC-14 background:3/30/2016-8/14/2023
- GWC-35 background:9/16/2011-8/18/2021

Cobalt (mg/L)
- GWC-5 background:3/22/2017-8/14/2023
- GWC-7 background:6/24/2014-8/9/2023
- GWC-11 background:1/24/2019-8/14/2023
- GWC-14 background:3/30/2016-8/14/2023

Copper (mg/L)
- GWA-3 background:8/31/2011-8/8/2023
- GWC-10 background:1/25/2016-8/10/2023
- GWC-24 background:7/8/2014-8/16/2023

Nickel (mg/L)
- GWA-3 background:8/31/2011-8/8/2023
- GWC-10 background:1/25/2016-8/10/2023
- GWC-14 background:1/27/2016-8/14/2023
- GWC-24 background:7/8/2014-8/16/2023

Silver (mg/L)
- GWA-3 background:8/31/2011-8/8/2023
- GWC-10 background:1/25/2016-8/10/2023
- GWC-24 background:7/8/2014-8/16/2023

Sulfate (mg/L)
- GWC-5 background:5/2/2017-8/14/2023
- GWC-7 background:9/10/2019-8/9/2023
- GWC-10 background:1/31/2019-8/10/2023
- GWC-12 background:1/25/2019-8/14/2023
- GWC-33 background:8/24/2017-8/15/2023

TDS (mg/L)
- GWC-7 background:1/26/2017-8/9/2023

Vanadium (mg/L)
- GWA-3 background:8/31/2011-8/8/2023
- GWC-10 background:1/25/2016-8/10/2023
- GWC-24 background:7/8/2014-8/16/2023

Zinc (mg/L)
- GWA-3 background:8/31/2011-8/8/2023
- GWC-10 background:1/25/2016-8/10/2023
- GWC-14 background:1/27/2016-8/14/2023
- GWC-24 background:7/8/2014-8/16/2023

Appendix I Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-5**	**0.03417**	**n/a**	**2/14/2025**	**0.039**	**Yes**	**34**	**0.02361**	**0.004056**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-16**	**0.02**	**n/a**	**2/11/2025**	**0.022**	**Yes**	**34**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001599**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03906**	**n/a**	**2/14/2025**	**0.04**	**Yes**	**34**	**0.03362**	**0.002091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-35**	**0.02298**	**n/a**	**2/18/2025**	**0.065**	**Yes**	**30**	**0.02009**	**0.001091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Copper (mg/L)	**GWC-8**	**0.0035**	**n/a**	**2/13/2025**	**0.0051**	**Yes**	**28**	**n/a**	**n/a**	**53.57**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	**GWC-11**	**0.001**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**34**	**n/a**	**n/a**	**91.18**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	**GWC-19**	**0.0013**	**n/a**	**2/14/2025**	**0.0019**	**Yes**	**34**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWC-13**	**0.0021**	**n/a**	**2/18/2025**	**0.0023**	**Yes**	**28**	**n/a**	**n/a**	**85.71**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWC-32**	**0.003**	**n/a**	**2/19/2025**	**0.0037**	**Yes**	**29**	**n/a**	**n/a**	**75.86**	**n/a**	**n/a**	**0.002172**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	**GWC-11**	**0.017**	**n/a**	**2/18/2025**	**0.038**	**Yes**	**28**	**n/a**	**n/a**	**75**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.0021	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-28	0.0021	n/a	2/10/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-29	0.002	n/a	2/11/2025	0.002ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.0024	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.002	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.002	n/a	2/19/2025	0.002ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.0023	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.0022	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20	0.002	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24	0.002	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25	0.002	n/a	2/14/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-26	0.002	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-30	0.002	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-31	0.0027	n/a	2/18/2025	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-32	0.002	n/a	2/19/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-33	0.002	n/a	2/19/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0011	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-29	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.0014	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.0012	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0011	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.002815	n/a	2/18/2025	0.001	No	35	-6.876	0.3871	37.14	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.0012	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/17/2025	0.001ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.0013	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-26	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-31	0.0012	n/a	2/18/2025	0.001ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-32	0.001	n/a	2/19/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-33	0.0013	n/a	2/19/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-34	0.0012	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-35	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.01375	n/a	2/11/2025	0.011	No	34	-4.578	0.112	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.02212	n/a	2/11/2025	0.021	No	34	0.01368	0.003243	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.1923	n/a	2/10/2025	0.16	No	34	0.1217	0.02714	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-28	0.01	n/a	2/10/2025	0.0027J	No	34	n/a	n/a	44.12	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-29	0.01	n/a	2/11/2025	0.01ND	No	33	n/a	n/a	27.27	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-5**	**0.03417**	**n/a**	**2/14/2025**	**0.039**	**Yes**	**34**	**0.02361**	**0.004056**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.07503	n/a	2/18/2025	0.064	No	34	0.05569	0.007428	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.1514	n/a	2/13/2025	0.062	No	34	0.08958	0.02375	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.123	n/a	2/13/2025	0.036	No	34	0.2362	0.044	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.2337	n/a	2/18/2025	0.07	No	34	0.1322	0.03898	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03663	n/a	2/19/2025	0.026	No	23	0.01955	0.006126	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.499	n/a	2/18/2025	0.2	No	34	0.2574	0.09282	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.03265	n/a	2/17/2025	0.03	No	34	0.01844	0.005459	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.005933	n/a	2/18/2025	0.0038J	No	34	0.05922	0.00684	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.3729	n/a	2/17/2025	0.15	No	22	0.1791	0.06885	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-15	0.01454	n/a	2/18/2025	0.01	No	34	0.009167	0.002063	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-16**	**0.02**	**n/a**	**2/11/2025**	**0.022**	**Yes**	**34**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001599**	**NP Intra (normality) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-17	0.025	n/a	2/13/2025	0.022	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-18	0.0459	n/a	2/13/2025	0.045	No	34	0.03492	0.004218	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1508	n/a	2/14/2025	0.12	No	34	0.07401	0.02949	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-20**	**0.03906**	**n/a**	**2/14/2025**	**0.04**	**Yes**	**34**	**0.03362**	**0.002091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-21	0.08292	n/a	2/11/2025	0.052	No	34	0.1671	0.04645	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-22	0.02969	n/a	2/11/2025	0.026	No	34	0.02525	0.001707	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.01253	n/a	2/11/2025	0.0053J	No	34	-5.132	0.289	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-24	0.03269	n/a	2/14/2025	0.025	No	25	0.01511	0.006433	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-25	0.05722	n/a	2/14/2025	0.024	No	33	0.03161	0.009794	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-26	0.04274	n/a	2/13/2025	0.036	No	34	0.001167	0.0002535	0	None	x^2	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-27	0.02205	n/a	2/11/2025	0.014	No	34	0.01222	0.003777	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-30	0.013	n/a	2/13/2025	0.0074J	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-31	0.009628	n/a	2/18/2025	0.0023J	No	29	0.05847	0.01488	6.897	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-32	0.01	n/a	2/19/2025	0.0012J	No	34	n/a	n/a	26.47	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-33	0.01926	n/a	2/19/2025	0.0067J	No	33	0.08848	0.01924	3.03	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-34	0.01504	n/a	2/13/2025	0.013	No	33	0.01166	0.001293	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-35**	**0.02298**	**n/a**	**2/18/2025**	**0.065**	**Yes**	**30**	**0.02009**	**0.001091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.00043J	No	34	n/a	n/a	29.41	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-29	0.00285	n/a	2/11/2025	0.0018J	No	33	0.000004133	0.000001525	6.061	None	x^2	0.0001135	Param Intra 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.00048J	No	34	n/a	n/a	76.47	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-10	0.0025	n/a	2/19/2025	0.00025J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.0025	n/a	2/18/2025	0.00041J	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-12	0.0025	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-14	0.0025	n/a	2/17/2025	0.00021J	No	34	n/a	n/a	47.06	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-15	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-16	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-21	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-23	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-24	0.0025	n/a	2/14/2025	0.0025ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-25	0.0025	n/a	2/14/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-26	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-27	0.0066	n/a	2/11/2025	0.0038	No	34	n/a	n/a	8.824	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-31	0.003	n/a	2/18/2025	0.00068J	No	29	n/a	n/a	20.69	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-32	0.002008	n/a	2/19/2025	0.0011J	No	35	0.000989	0.0003931	20	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Beryllium (mg/L)	GWC-33	0.0025	n/a	2/19/2025	0.00046J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-35	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-29	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0025	n/a	2/19/2025	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-13	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14	0.0025	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	58.82	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-19	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-24	0.0025	n/a	2/14/2025	0.0025ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25	0.0025	n/a	2/14/2025	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-31	0.0025	n/a	2/18/2025	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.0042	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.0022	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.0022	n/a	2/10/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-28	0.0044	n/a	2/10/2025	0.002ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-29	0.003	n/a	2/11/2025	0.002ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.0033	n/a	2/14/2025	0.0019J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.0049	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.0021	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.0027	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.0048	n/a	2/18/2025	0.0017J	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10	0.0029	n/a	2/19/2025	0.002ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.005	n/a	2/18/2025	0.0027	No	34	n/a	n/a	11.76	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0023	n/a	2/17/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.0027	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14	0.0023	n/a	2/17/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15	0.0022	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16	0.0045	n/a	2/11/2025	0.0025	No	34	n/a	n/a	5.882	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-17	0.0042	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.0022	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.0024	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0027	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.0022	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.003	n/a	2/11/2025	0.0015J	No	34	n/a	n/a	61.76	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0024	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	76.47	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24	0.0027	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25	0.0043	n/a	2/14/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-26	0.0033	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-27	0.0024	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-31	0.012	n/a	2/18/2025	0.0015J	No	29	n/a	n/a	24.14	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-32	0.0024	n/a	2/19/2025	0.002ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-33	0.0034	n/a	2/19/2025	0.0014J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-34	0.0034	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-35	0.0026	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	70.59	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.01436	n/a	2/10/2025	0.0029	No	34	0.07138	0.01861	5.882	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWA-29	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.01107	n/a	2/14/2025	0.0036	No	16	0.00468	0.002091	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-6	0.02021	n/a	2/18/2025	0.0067	No	32	0.01309	0.002714	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-7	0.01483	n/a	2/13/2025	0.00057J	No	26	0.05559	0.02438	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.07722	n/a	2/13/2025	0.0012J	No	32	0.02922	0.01829	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-9	0.15	n/a	2/18/2025	0.022	No	33	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-10	0.01294	n/a	2/19/2025	0.0041	No	23	0.005075	0.002823	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-11	0.005736	n/a	2/18/2025	0.0035	No	11	0.002085	0.001017	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-12	0.0043	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	70.59	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14	0.4713	n/a	2/17/2025	0.34	No	23	0.1585	0.1122	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-15	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	67.65	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0042	n/a	2/14/2025	0.00049J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.00039J	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.005768	n/a	2/11/2025	0.0017J	No	34	0.002142	0.001393	20.59	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.0027	n/a	2/11/2025	0.0025ND	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-24	0.008558	n/a	2/14/2025	0.003	No	25	-6.433	0.612	8	None	ln(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-25	0.05348	n/a	2/14/2025	0.0027	No	33	0.09557	0.0519	6.061	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-26	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	79.41	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-27	0.004425	n/a	2/11/2025	0.001J	No	34	0.002216	0.0008486	11.76	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-31	0.0025	n/a	2/18/2025	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-32	0.0025	n/a	2/19/2025	0.0025ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-33	0.004692	n/a	2/19/2025	0.0025ND	No	29	0.001515	0.001192	27.59	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-35	0.0025	n/a	2/18/2025	0.00054J	No	34	n/a	n/a	47.06	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-2	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-28	0.002	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-29	0.018	n/a	2/11/2025	0.0038	No	28	n/a	n/a	10.71	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-5	0.002	n/a	2/14/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0031	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	**GWC-8**	**0.0035**	**n/a**	**2/13/2025**	**0.0051**	**Yes**	**28**	**n/a**	**n/a**	**53.57**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Copper (mg/L)	GWC-9	0.0026	n/a	2/18/2025	0.0015J	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.004	n/a	2/19/2025	0.002ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0034	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.002	n/a	2/17/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0021	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.002	n/a	2/17/2025	0.002ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15	0.003	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-16	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-17	0.002	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.002	n/a	2/14/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.0014J	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.0024	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24	0.0028	n/a	2/14/2025	0.002ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25	0.0034	n/a	2/14/2025	0.002ND	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-26	0.0027	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-31	0.007988	n/a	2/18/2025	0.0011J	No	25	0.04747	0.01534	36	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Copper (mg/L)	GWC-33	0.002	n/a	2/19/2025	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-34	0.002	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-35	0.002	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-29	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.0022	n/a	2/19/2025	0.001ND	No	24	n/a	n/a	75	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	**GWC-11**	**0.001**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**34**	**n/a**	**n/a**	**91.18**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/13/2025	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	**GWC-19**	**0.0013**	**n/a**	**2/14/2025**	**0.0019**	**Yes**	**34**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24	0.0015	n/a	2/14/2025	0.00029J	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-26	0.0015	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-30	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-31	0.0013	n/a	2/18/2025	0.001ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-34	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-1	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-2	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-4	0.0002	n/a	2/10/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-28	0.0002	n/a	2/10/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-29	0.00021	n/a	2/11/2025	0.0002ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8	0.0004	n/a	2/13/2025	0.0002ND	No	35	n/a	n/a	88.57	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/19/2025	0.0002ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/17/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00023	n/a	2/17/2025	0.0002ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-15	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24	0.0002	n/a	2/14/2025	0.0002ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25	0.0002	n/a	2/14/2025	0.0002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-26	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-27	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-30	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-31	0.0002	n/a	2/18/2025	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-32	0.0002	n/a	2/19/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-33	0.0002	n/a	2/19/2025	0.0002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-34	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-35	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.00096J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.0028	n/a	2/11/2025	0.00077J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-4	0.0032	n/a	2/10/2025	0.0027	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-29	0.006872	n/a	2/11/2025	0.00074J	No	28	0.04851	0.01282	10.71	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.01206	n/a	2/14/2025	0.0054	No	28	0.005425	0.002475	14.29	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-6	0.009525	n/a	2/18/2025	0.005	No	28	0.005059	0.001665	3.571	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-7	0.02265	n/a	2/13/2025	0.0073	No	28	0.009657	0.004846	14.29	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.005377	n/a	2/13/2025	0.0016	No	27	0.002493	0.001069	22.22	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.03092	n/a	2/18/2025	0.011	No	26	0.1032	0.02676	3.846	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.01156	n/a	2/19/2025	0.0023	No	17	-6.202	0.5788	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-11	0.0011	n/a	2/18/2025	0.00055J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.02455	n/a	2/17/2025	0.019	No	18	0.01578	0.002962	0	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0015	n/a	2/13/2025	0.00064J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0014	n/a	2/14/2025	0.001	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.00093J	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.00075J	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24	0.00372	n/a	2/14/2025	0.0035	No	19	0.001926	0.0006152	10.53	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-25	0.03694	n/a	2/14/2025	0.0036	No	27	-5.351	0.7606	18.52	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-26	0.0031	n/a	2/13/2025	0.00069J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-31	0.01235	n/a	2/18/2025	0.00074J	No	24	0.04858	0.02266	12.5	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-32	0.0018	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-33	0.0023	n/a	2/19/2025	0.001ND	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.00067J	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-35	0.004854	n/a	2/18/2025	0.0026	No	28	0.001893	0.001104	17.86	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/10/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-28	0.005	n/a	2/10/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-29	0.005	n/a	2/11/2025	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.005	n/a	2/14/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/18/2025	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/17/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0071	n/a	2/17/2025	0.005ND	No	35	n/a	n/a	68.57	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-16	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-25	0.005	n/a	2/14/2025	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-26	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-27	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-30	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-31	0.005	n/a	2/18/2025	0.005ND	No	29	n/a	n/a	79.31	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-32	0.005	n/a	2/19/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-33	0.005	n/a	2/19/2025	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-35	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-29	0.001807	n/a	2/11/2025	0.0012	No	27	0.0009725	0.0003093	22.22	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/14/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/19/2025	0.001ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-26	0.001	n/a	2/13/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-31	0.0023	n/a	2/18/2025	0.001ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-32	0.001	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	79.41	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-11	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-14	0.00114	n/a	2/17/2025	0.00055J	No	33	0.02024	0.00517	24.24	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Thallium (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	32	n/a	n/a	43.75	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-30	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-31	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-34	0.001	n/a	2/13/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-35	0.001	n/a	2/18/2025	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.0028	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.0024	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.0035	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-29	0.0041	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.006152	n/a	2/14/2025	0.0025	No	29	0.003072	0.001156	24.14	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.0064	n/a	2/18/2025	0.0015J	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.005613	n/a	2/13/2025	0.0031	No	29	0.0456	0.011	34.48	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8	0.004	n/a	2/13/2025	0.002ND	No	29	n/a	n/a	55.17	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.002	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.0055	n/a	2/19/2025	0.0027	No	18	n/a	n/a	61.11	n/a	n/a	0.005373	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.0064	n/a	2/18/2025	0.0026	No	28	n/a	n/a	21.43	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-12	0.002	n/a	2/17/2025	0.00082J	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	**GWC-13**	**0.0021**	**n/a**	**2/18/2025**	**0.0023**	**Yes**	**28**	**n/a**	**n/a**	**85.71**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-14	0.002	n/a	2/17/2025	0.002ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15	0.003	n/a	2/18/2025	0.0026	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-16	0.006528	n/a	2/11/2025	0.0059	No	29	0.004045	0.0009318	20.69	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-17	0.005418	n/a	2/13/2025	0.0015J	No	31	0.1271	0.01841	29.03	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-18	0.003229	n/a	2/13/2025	0.00098J	No	29	0.001466	0.0006617	44.83	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.0023	n/a	2/14/2025	0.002ND	No	29	n/a	n/a	58.62	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-20	0.004891	n/a	2/14/2025	0.002ND	No	28	0.04334	0.009918	25	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-21	0.0028	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-22	0.009707	n/a	2/11/2025	0.0065	No	29	0.006576	0.001175	10.34	None	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-24	0.002	n/a	2/14/2025	0.002ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-25	0.002	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-26	0.0024	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-30	0.0031	n/a	2/13/2025	0.00084J	No	28	n/a	n/a	50	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-31	0.0043	n/a	2/18/2025	0.0014J	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	**GWC-32**	**0.003**	**n/a**	**2/19/2025**	**0.0037**	**Yes**	**29**	**n/a**	**n/a**	**75.86**	**n/a**	**n/a**	**0.002172**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	GWC-33	0.0052	n/a	2/19/2025	0.0031	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-34	0.0055	n/a	2/13/2025	0.002ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-35	0.0026	n/a	2/18/2025	0.0021	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.078	n/a	2/11/2025	0.0034J	No	28	n/a	n/a	17.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.008142	n/a	2/11/2025	0.005ND	No	28	0.004289	0.001437	39.29	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWA-4	0.052	n/a	2/10/2025	0.005ND	No	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-28	0.03603	n/a	2/10/2025	0.0053	No	28	-5.102	0.6634	17.86	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWA-29	0.05371	n/a	2/11/2025	0.021	No	28	0.03021	0.008762	0	None	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-5	0.0067	n/a	2/14/2025	0.005ND	No	28	n/a	n/a	57.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0071	n/a	2/18/2025	0.0032J	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.01	n/a	2/13/2025	0.0028J	No	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8	0.012	n/a	2/13/2025	0.0033J	No	27	0.05819	0.01903	37.04	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.016	n/a	2/18/2025	0.016	No	27	n/a	n/a	37.04	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/19/2025	0.0066	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Zinc (mg/L)	**GWC-11**	**0.017**	**n/a**	**2/18/2025**	**0.038**	**Yes**	**28**	**n/a**	**n/a**	**75**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-12	0.033	n/a	2/17/2025	0.005ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/18/2025	0.005ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.04	n/a	2/17/2025	0.018	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15	0.005	n/a	2/18/2025	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-16	0.0081	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-17	0.012	n/a	2/13/2025	0.0031J	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0053	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.01353	n/a	2/14/2025	0.0048J	No	28	0.1562	0.0306	35.71	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-20	0.038	n/a	2/14/2025	0.0031J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.01816	n/a	2/11/2025	0.005ND	No	28	-5.285	0.476	21.43	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.017	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.016	n/a	2/11/2025	0.005ND	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-24	0.01925	n/a	2/14/2025	0.0076	No	19	-5.043	0.3746	15.79	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-25	0.03917	n/a	2/14/2025	0.0052	No	27	0.09942	0.0365	7.407	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-26	0.019	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-27	0.02	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-30	0.022	n/a	2/13/2025	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-31	0.08215	n/a	2/18/2025	0.012	No	24	-4.232	0.6277	4.167	None	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-32	0.1478	n/a	2/19/2025	0.025	No	28	0.06307	0.03159	0	None	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-33	0.022	n/a	2/19/2025	0.0032J	No	27	n/a	n/a	29.63	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-34	0.0068	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-35	0.014	n/a	2/18/2025	0.0032J	No	28	n/a	n/a	46.43	n/a	n/a	0.002337	NP Intra (normality) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	**GWC-11**	**0.002**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**205**	**n/a**	**n/a**	**92.2**	**n/a**	**n/a**	**0.00004893**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-5	0.19	n/a	2/14/2025	0.039	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-16	0.19	n/a	2/11/2025	0.022	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.19	n/a	2/14/2025	0.04	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-35	0.19	n/a	2/18/2025	0.065	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Copper (mg/L)	GWC-8	0.018	n/a	2/13/2025	0.0051	No	173	n/a	n/a	72.25	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Lead (mg/L)	**GWC-11**	**0.002**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**205**	**n/a**	**n/a**	**92.2**	**n/a**	**n/a**	**0.00004893**	**NP Inter (NDs) 1 of 2**
Lead (mg/L)	GWC-19	0.002	n/a	2/14/2025	0.0019	No	205	n/a	n/a	92.2	n/a	n/a	0.00004893	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0041	n/a	2/18/2025	0.0023	No	173	n/a	n/a	77.46	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-32	0.0041	n/a	2/19/2025	0.0037	No	173	n/a	n/a	77.46	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.078	n/a	2/18/2025	0.038	No	173	n/a	n/a	24.86	n/a	n/a	0.00006569	NP Inter (normality) 1 of 2

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-4 (bg)**	**0.004249**	**264**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.000106**	**213**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-35**	**0.0004033**	**345**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	**GWA-29 (bg)**	**-0.0003573**	**-260**	**-152**	**Yes**	**31**	**9.677**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	0	44	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0	-30	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.006267	77	87	No	21	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-4 (bg)**	**0.004249**	**264**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-28 (bg)	0	126	199	No	37	45.95	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0.0000473	100	191	No	36	33.33	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5	0.0001775	80	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-16**	**0.000106**	**213**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0	-11	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-35**	**0.0004033**	**345**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	GWA-1 (bg)	0	0	152	No	31	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-2 (bg)	0	-36	-152	No	31	77.42	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-3 (bg)	0.00003868	26	68	No	18	33.33	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-4 (bg)	0	0	152	No	31	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-28 (bg)	0	16	152	No	31	96.77	n/a	n/a	0.01	NP
Copper (mg/L)	**GWA-29 (bg)**	**-0.0003573**	**-260**	**-152**	**Yes**	**31**	**9.677**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	GWC-8	0	25	152	No	31	48.39	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-1 (bg)	0	-34	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-2 (bg)	0	-9	-199	No	37	91.89	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-3 (bg)	0	-2	-87	No	21	80.95	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-4 (bg)	0	-22	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-28 (bg)	0	-18	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-29 (bg)	0	-117	-191	No	36	83.33	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-11	0	-28	-199	No	37	89.19	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-19	0	-34	-199	No	37	83.78	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-1 (bg)	0	-21	-152	No	31	90.32	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-2 (bg)	0	-6	-152	No	31	77.42	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-3 (bg)	0	-19	-68	No	18	66.67	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-4 (bg)	0	-45	-152	No	31	64.52	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-28 (bg)	0	-30	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-29 (bg)	0	-29	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-13	0	-4	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-32	0	-10	-161	No	32	75	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	-0.00004585	-40	-152	No	31	16.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	0	-75	-152	No	31	41.94	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0.0005803	28	68	No	18	11.11	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	26	152	No	31	58.06	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0002671	124	152	No	31	16.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.001057	-139	-152	No	31	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-11	0	110	152	No	31	70.97	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	**GWC-9**	**6.149**	**5.312**	**2/18/2025**	**5.26**	**Yes**	**25**	**5.731**	**0.1676**	**0**	**None**	**No**	**0.0001297**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2**	**3.226**	**n/a**	**2/11/2025**	**15**	**Yes**	**23**	**1.121**	**0.2654**	**0**	**None**	**sqrt(x)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-8**	**34.34**	**n/a**	**2/13/2025**	**52**	**Yes**	**22**	**2.576**	**0.2627**	**0**	**None**	**x^(1/3)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-11**	**1.5**	**n/a**	**2/18/2025**	**1.6**	**Yes**	**22**	**n/a**	**n/a**	**72.73**	**n/a**	**n/a**	**0.003707**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-35**	**4.7**	**n/a**	**2/18/2025**	**7**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
TDS (mg/L)	**GWC-35**	**76.97**	**n/a**	**2/18/2025**	**82**	**Yes**	**23**	**37.67**	**15.45**	**4.348**	**None**	**No**	**0.0002595**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWA-1	5.782	5.022	2/11/2025	5.36	No	25	5.402	0.1523	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-2	5.975	5.343	2/11/2025	5.66	No	25	5.659	0.1265	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-4	6.597	5.917	2/10/2025	6.34	No	24	6.257	0.1349	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-28	6.72	5.79	2/10/2025	6.06	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-29	6.231	5.5	2/11/2025	5.85	No	23	5.866	0.1436	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.05	6.15	2/14/2025	6.21	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-6	6.5	5.71	2/18/2025	5.76	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.613	6.127	2/13/2025	6.45	No	24	6.37	0.09655	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-8	6.377	5.568	2/13/2025	5.86	No	26	5.973	0.1628	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	**GWC-9**	**6.149**	**5.312**	**2/18/2025**	**5.26**	**Yes**	**25**	**5.731**	**0.1676**	**0**	**None**	**No**	**0.0001297**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-10	6.99	5.032	2/19/2025	5.68	No	23	6.011	0.3849	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.494	5.681	2/18/2025	6.05	No	26	6.087	0.1636	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-12	7.776	6.922	2/17/2025	7.28	No	27	7.349	0.1728	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-13	7.49	6.52	2/18/2025	6.54	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.299	4.603	2/17/2025	5.94	No	26	5.451	0.3411	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-15	7.24	6.31	2/18/2025	6.45	No	27	n/a	n/a	0	n/a	n/a	0.005004	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-16	6.382	5.815	2/11/2025	6.15	No	24	6.099	0.1125	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-17	6.456	5.903	2/13/2025	6	No	26	6.18	0.1113	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-18	6.191	5.676	2/13/2025	5.89	No	23	5.933	0.1011	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-19	6.199	5.552	2/14/2025	5.79	No	25	5.876	0.1295	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-20	6.91	6.01	2/14/2025	6.1	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-21	5.976	5.105	2/11/2025	5.79	No	24	5.54	0.1727	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-22	6.968	6.226	2/11/2025	6.54	No	25	6.597	0.1485	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-23	6.382	5.547	2/11/2025	5.91	No	24	5.964	0.1655	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-24	6.525	4.411	2/14/2025	5.16	No	22	5.468	0.4119	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-25	7.126	5.124	2/14/2025	6.12	No	27	6.125	0.4049	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-26	6.038	5.52	2/13/2025	5.7	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-27	5.965	5.152	2/11/2025	5.51	No	25	5.558	0.1629	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-30	6.78	5.77	2/13/2025	6.12	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-31	6.423	5.765	2/18/2025	6	No	25	6.094	0.1317	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-32	6.378	5.838	2/19/2025	6.03	No	23	6.108	0.106	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-33	6.932	5.716	2/19/2025	6.2	No	25	6.324	0.2435	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-34	6.236	5.539	2/13/2025	6	No	24	5.887	0.1382	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-35	5.874	5.253	2/18/2025	5.44	No	24	5.563	0.1233	0	None	No	0.0001297	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	1.7	n/a	2/11/2025	0.44J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWA-2**	**3.226**	**n/a**	**2/11/2025**	**15**	**Yes**	**23**	**1.121**	**0.2654**	**0**	**None**	**sqrt(x)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWA-4	15	n/a	2/10/2025	11	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-28	2.588	n/a	2/10/2025	1	No	24	1.089	0.206	4.167	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWA-29	26	n/a	2/11/2025	5.4	No	24	n/a	n/a	0	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	36.29	n/a	2/14/2025	35	No	16	27.63	3.138	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	30	n/a	2/18/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-7	63.97	n/a	2/13/2025	36	No	9	43.78	5.652	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-8**	**34.34**	**n/a**	**2/13/2025**	**52**	**Yes**	**22**	**2.576**	**0.2627**	**0**	**None**	**x^(1/3)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-9	40.67	n/a	2/18/2025	14	No	23	4.09	0.8992	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	25.15	n/a	2/19/2025	10	No	11	12.35	4.014	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-11**	**1.5**	**n/a**	**2/18/2025**	**1.6**	**Yes**	**22**	**n/a**	**n/a**	**72.73**	**n/a**	**n/a**	**0.003707**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-12	45.86	n/a	2/17/2025	37	No	11	29.73	5.061	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-13	4.05	n/a	2/18/2025	2.3	No	23	1.596	0.1639	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	35.58	n/a	2/17/2025	7.8	No	23	3.618	0.9225	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-15	2.901	n/a	2/18/2025	2.4	No	23	1.584	0.518	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16	1.1	n/a	2/11/2025	1.1	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-17	5	n/a	2/13/2025	0.84J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	1.1	n/a	2/13/2025	0.71J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	2.627	n/a	2/14/2025	1.3	No	22	-0.2904	0.4895	31.82	Kaplan-Meier	ln(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	1.455	n/a	2/14/2025	0.65J	No	23	0.8776	0.2268	8.696	None	No	0.0002595	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-21	10	n/a	2/11/2025	0.46J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-22	1.2	n/a	2/11/2025	0.87J	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-23	1	n/a	2/11/2025	0.73J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-24	2.3	n/a	2/14/2025	0.57J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-25	20.17	n/a	2/14/2025	6.3	No	20	8.151	4.604	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-26	1.8	n/a	2/13/2025	0.53J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-27	3.795	n/a	2/11/2025	1.9	No	24	1.617	0.8639	8.333	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-30	3.3	n/a	2/13/2025	1.2	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-31	22.02	n/a	2/18/2025	8.8	No	19	12.87	3.453	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-32	14.17	n/a	2/19/2025	7.2	No	24	10.08	1.625	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-33	22.45	n/a	2/19/2025	8.6	No	16	3.242	0.5416	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-34	3.8	n/a	2/13/2025	1.3	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-35**	**4.7**	**n/a**	**2/18/2025**	**7**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
TDS (mg/L)	GWA-1	34.16	n/a	2/11/2025	22	No	23	11.81	8.787	30.43	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-2	84.54	n/a	2/11/2025	57	No	23	35.72	19.19	13.04	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-4	210.8	n/a	2/10/2025	170	No	23	158.4	20.57	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-28	113.2	n/a	2/10/2025	91	No	23	64.13	19.3	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-29	139.2	n/a	2/11/2025	84	No	23	78.22	23.96	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-5	272.3	n/a	2/14/2025	220	No	23	184.4	34.58	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-6	187.7	n/a	2/18/2025	120	No	23	117.1	27.73	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-7	485.3	n/a	2/13/2025	320	No	18	391.7	34.85	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-8	271	n/a	2/13/2025	160	No	23	173	38.56	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-9	254.7	n/a	2/18/2025	75	No	21	140	44.34	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-10	282.1	n/a	2/19/2025	120	No	23	154.2	50.29	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-11	297.9	n/a	2/18/2025	130	No	23	146.9	59.38	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-12	291.4	n/a	2/17/2025	260	No	23	197.7	36.87	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-13	88.74	n/a	2/18/2025	63	No	23	50.91	14.87	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-14	565.7	n/a	2/17/2025	230	No	23	305.1	102.4	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-15	114.8	n/a	2/18/2025	100	No	23	80.39	13.53	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-16	118.6	n/a	2/11/2025	110	No	23	6575	2941	0	None	x^2	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-17	128.2	n/a	2/13/2025	120	No	23	8817	2991	0	None	x^2	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-18	117.8	n/a	2/13/2025	96	No	23	77.87	15.68	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-19	115	n/a	2/14/2025	77	No	23	64.22	19.97	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-20	122.5	n/a	2/14/2025	99	No	24	90.17	12.82	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-21	91.2	n/a	2/11/2025	68	No	24	49.92	16.38	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-22	126.4	n/a	2/11/2025	110	No	23	1051424	380214	4.348	None	x^3	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-23	73.69	n/a	2/11/2025	43	No	22	36.77	14.39	4.545	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-24	43.69	n/a	2/14/2025	26	No	23	22.78	8.218	8.696	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-25	124.3	n/a	2/14/2025	75	No	23	76.87	18.64	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-26	86.86	n/a	2/13/2025	39	No	23	37.98	19.22	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-27	79.04	n/a	2/11/2025	40	No	23	35.09	17.28	13.04	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-30	80.74	n/a	2/13/2025	57	No	23	43.83	14.51	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-31	158.7	n/a	2/18/2025	79	No	19	102.5	21.22	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-32	136	n/a	2/19/2025	80	No	24	88.83	18.71	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-33	156.2	n/a	2/19/2025	95	No	24	100.4	22.14	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-34	99.11	n/a	2/13/2025	52	No	23	43.48	21.87	8.696	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	**GWC-35**	**76.97**	**n/a**	**2/18/2025**	**82**	**Yes**	**23**	**37.67**	**15.45**	**4.348**	**None**	**No**	**0.0002595**	**Param Intra 1 of 2**

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

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWC-9	6.648	5.048	2/18/2025	5.26	No	157	5.848	0.3669	0	None	No	0.0001297	Param Inter 1 of 2
Sulfate (mg/L)	GWC-8	150	n/a	2/13/2025	52	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-11	150	n/a	2/18/2025	1.6	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-35	150	n/a	2/18/2025	7	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-35	410	n/a	2/18/2025	82	No	147	n/a	n/a	6.803	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**GWC-12**	**0.08**	**n/a**	**2/17/2025**	**0.14**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**GWC-14**	**0.08**	**n/a**	**2/17/2025**	**0.39**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**GWC-35**	**0.08**	**n/a**	**2/18/2025**	**0.1**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/13/2025	0.027J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-8	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.08	n/a	2/18/2025	0.059J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-12**	**0.08**	**n/a**	**2/17/2025**	**0.14**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	GWC-13	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-14**	**0.08**	**n/a**	**2/17/2025**	**0.39**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	GWC-15	0.08	n/a	2/18/2025	0.075J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-16	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-26	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-27	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-30	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-31	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-32	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-33	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-34	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-35**	**0.08**	**n/a**	**2/18/2025**	**0.1**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	GWC-5	72	n/a	2/14/2025	31	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	72	n/a	2/18/2025	16	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	72	n/a	2/13/2025	38	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8	72	n/a	2/13/2025	26	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	72	n/a	2/18/2025	8.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	72	n/a	2/19/2025	16	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	72	n/a	2/18/2025	8.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	72	n/a	2/17/2025	59	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-13	72	n/a	2/18/2025	5.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-14	72	n/a	2/17/2025	19	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-15	72	n/a	2/18/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-16	72	n/a	2/11/2025	10	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17	72	n/a	2/13/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18	72	n/a	2/13/2025	8.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	72	n/a	2/14/2025	9.2	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	72	n/a	2/14/2025	9.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	72	n/a	2/11/2025	12	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22	72	n/a	2/11/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	72	n/a	2/11/2025	4.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24	72	n/a	2/14/2025	1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25	72	n/a	2/14/2025	7.3	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-26	72	n/a	2/13/2025	1.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-27	72	n/a	2/11/2025	2.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-30	72	n/a	2/13/2025	3.3	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-31	72	n/a	2/18/2025	7.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-32	72	n/a	2/19/2025	7.6	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-33	72	n/a	2/19/2025	18	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-34	72	n/a	2/13/2025	3.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-35	72	n/a	2/18/2025	7.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-5	59	n/a	2/14/2025	14	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-6	59	n/a	2/18/2025	5.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	59	n/a	2/13/2025	21	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-8	59	n/a	2/13/2025	4.5	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	59	n/a	2/18/2025	7.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	59	n/a	2/19/2025	7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	59	n/a	2/18/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	59	n/a	2/17/2025	29	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-13	59	n/a	2/18/2025	1.4	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	59	n/a	2/17/2025	41	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-15	59	n/a	2/18/2025	5.9	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-16	59	n/a	2/11/2025	2.4	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-17	59	n/a	2/13/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-18	59	n/a	2/13/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	59	n/a	2/14/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	59	n/a	2/14/2025	2.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	59	n/a	2/11/2025	3.9	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-22	59	n/a	2/11/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	59	n/a	2/11/2025	2.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-24	59	n/a	2/14/2025	5.3	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-25	59	n/a	2/14/2025	9.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-26	59	n/a	2/13/2025	3.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-27	59	n/a	2/11/2025	1.3	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-30	59	n/a	2/13/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-31	59	n/a	2/18/2025	1.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-32	59	n/a	2/19/2025	1.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-33	59	n/a	2/19/2025	1.6	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-34	59	n/a	2/13/2025	1.5	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-35	59	n/a	2/18/2025	25	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-5	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-6	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-7	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-8	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-9	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-10	3.2	n/a	2/19/2025	0.66	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-11	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-12	3.2	n/a	2/17/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-13	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-14	3.2	n/a	2/17/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-15	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-17	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-18	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-19	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-20	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-21	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-22	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-23	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-24	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-25	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-26	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-27	3.2	n/a	2/11/2025	0.34	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-30	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-31	3.2	n/a	2/18/2025	1.3	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-32	3.2	n/a	2/19/2025	2.2	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-33	3.2	n/a	2/19/2025	1.7	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-34	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-35	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:32 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
pH, Field (SU)	**GWA-3 (bg)**	**-0.1598**	**-102**	**-81**	**Yes**	**20**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-9**	**-0.05294**	**-257**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-35**	**4.683**	**149**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:32 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	GWA-1 (bg)	0	-5	-118	No	26	92.31	n/a	0.01	NP
Boron (mg/L)	GWA-2 (bg)	0	0	118	No	26	100	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	0	0	68	No	18	100	n/a	0.01	NP
Boron (mg/L)	GWA-4 (bg)	0	-21	-118	No	26	96.15	n/a	0.01	NP
Boron (mg/L)	GWA-28 (bg)	0	0	118	No	26	100	n/a	0.01	NP
Boron (mg/L)	GWA-29 (bg)	0	13	118	No	26	96.15	n/a	0.01	NP
Boron (mg/L)	GWC-12	0.001301	65	131	No	28	35.71	n/a	0.01	NP
Boron (mg/L)	GWC-14	0.03578	82	131	No	28	0	n/a	0.01	NP
Boron (mg/L)	GWC-35	0	15	124	No	27	77.78	n/a	0.01	NP
pH, Field (SU)	GWA-1 (bg)	-0.0009208	-4	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	GWA-2 (bg)	-0.02148	-106	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**GWA-3 (bg)**	**-0.1598**	**-102**	**-81**	**Yes**	**20**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-4 (bg)	-0.005627	-25	-124	No	27	0	n/a	0.01	NP
pH, Field (SU)	GWA-28 (bg)	-0.01436	-65	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	GWA-29 (bg)	-0.02403	-108	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	**GWC-9**	**-0.05294**	**-257**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-1 (bg)	0	-20	-118	No	26	88.46	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.138	116	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-3.168	-9	-58	No	16	6.25	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	0	-10	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-28 (bg)	-0.01415	-28	-124	No	27	3.704	n/a	0.01	NP
Sulfate (mg/L)	GWA-29 (bg)	-0.3264	-108	-124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-8	0.1026	22	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-11	0	-44	-111	No	25	68	n/a	0.01	NP
Sulfate (mg/L)	GWC-35	0.09807	62	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-1 (bg)	0.8049	98	118	No	26	26.92	n/a	0.01	NP
TDS (mg/L)	GWA-2 (bg)	2.031	86	118	No	26	11.54	n/a	0.01	NP
TDS (mg/L)	GWA-3 (bg)	0	0	63	No	17	0	n/a	0.01	NP
TDS (mg/L)	GWA-4 (bg)	0	19	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-28 (bg)	1.989	73	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-29 (bg)	0	-2	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**GWC-35**	**4.683**	**149**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**

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

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/5/2025, 1:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-11	0.001	n/a	4/16/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Resample - All Results (No Significant)

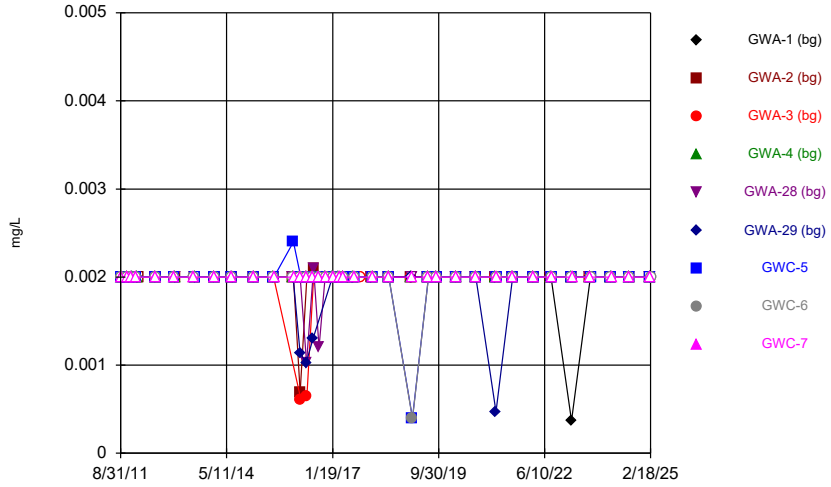
Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWC-11	6.494	5.681	4/16/2025	6.21	No	26	6.087	0.1636	0	None	No	0.0001297	Param Intra 1 of 2

FIGURE A.

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

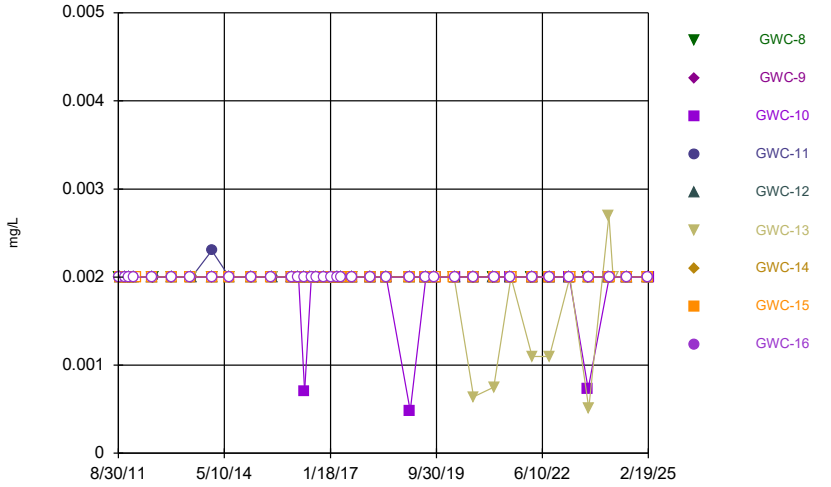
Time Series



Constituent: Antimony Analysis Run 7/30/2025 1:39 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

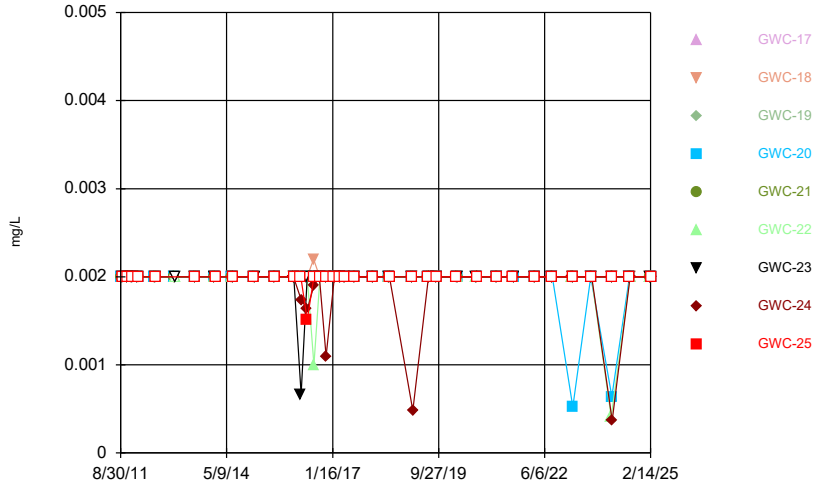
Time Series



Constituent: Antimony Analysis Run 7/30/2025 1:39 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

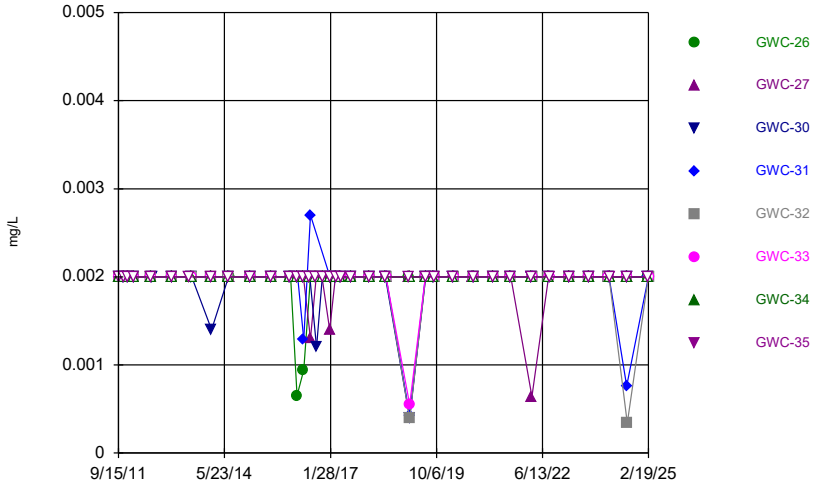
Time Series



Constituent: Antimony Analysis Run 7/30/2025 1:39 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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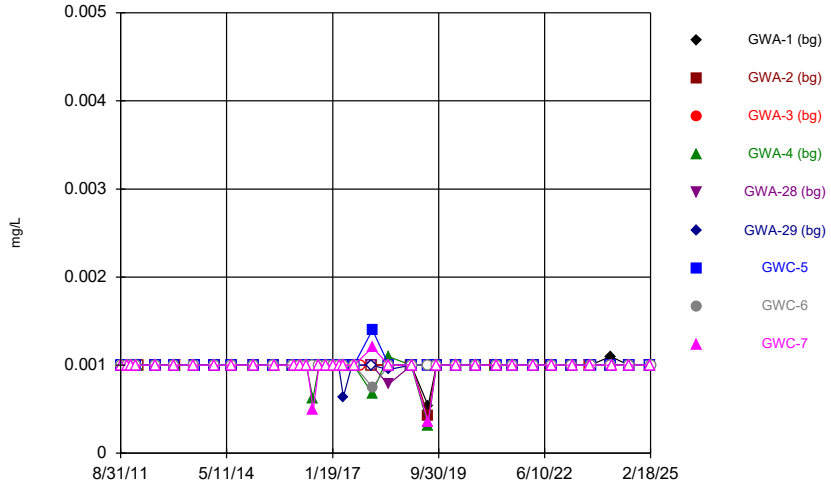
Time Series



Constituent: Antimony Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

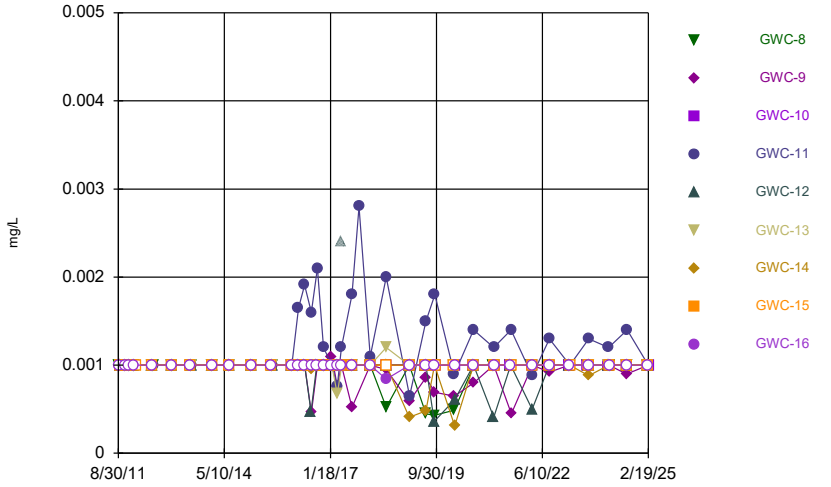
Time Series



Constituent: Arsenic Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

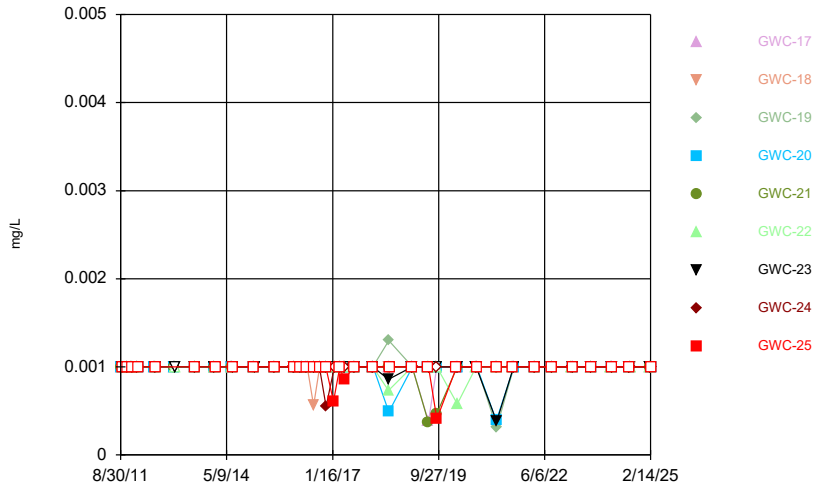
Time Series



Constituent: Arsenic Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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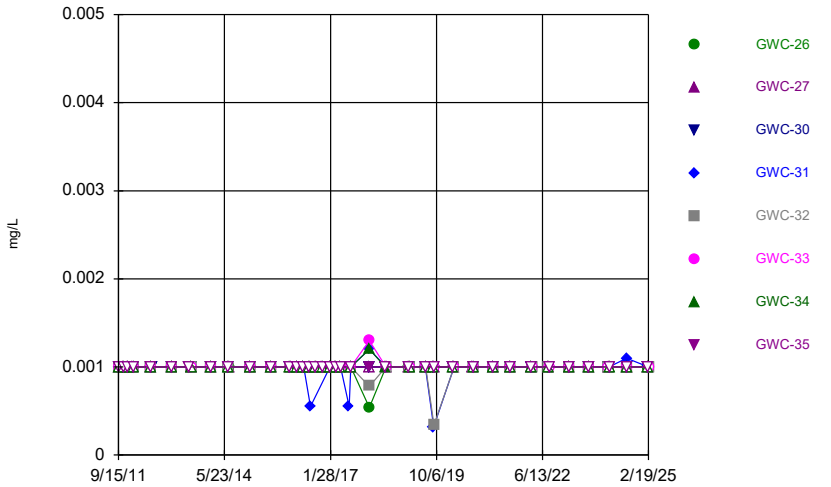
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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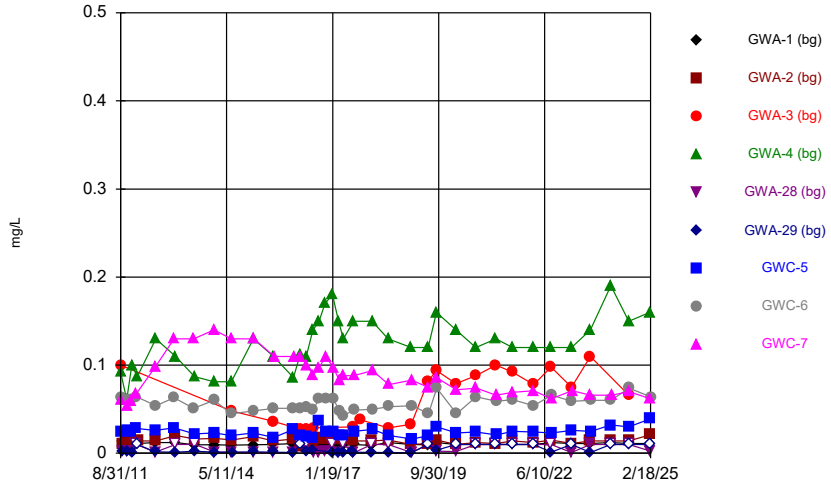
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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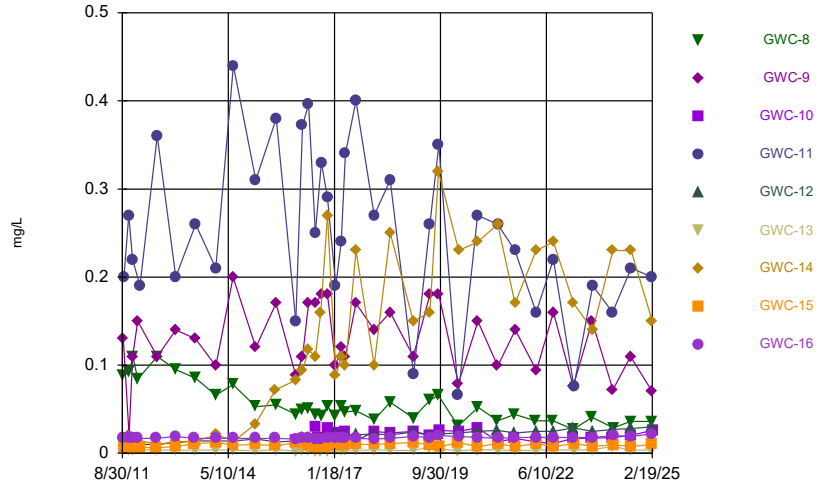
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

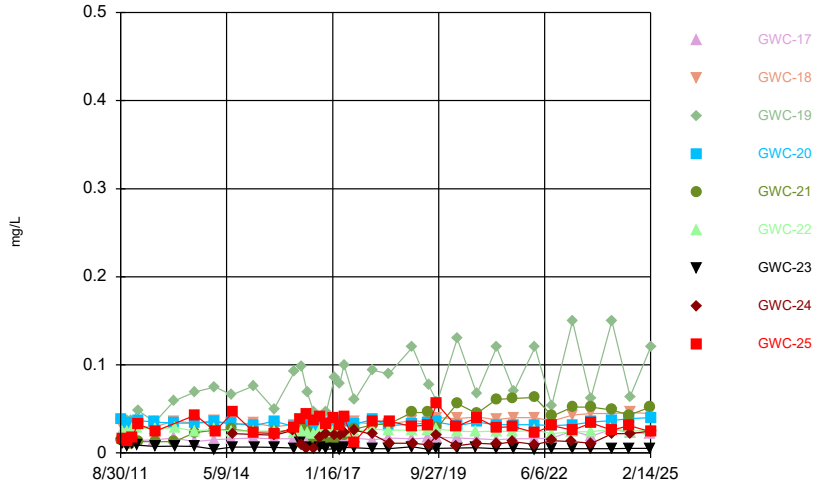
Time Series



Constituent: Barium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

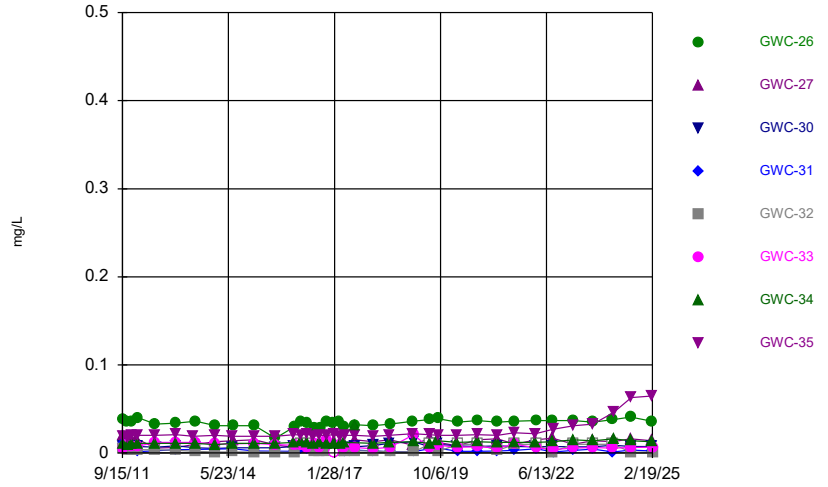
Time Series



Constituent: Barium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

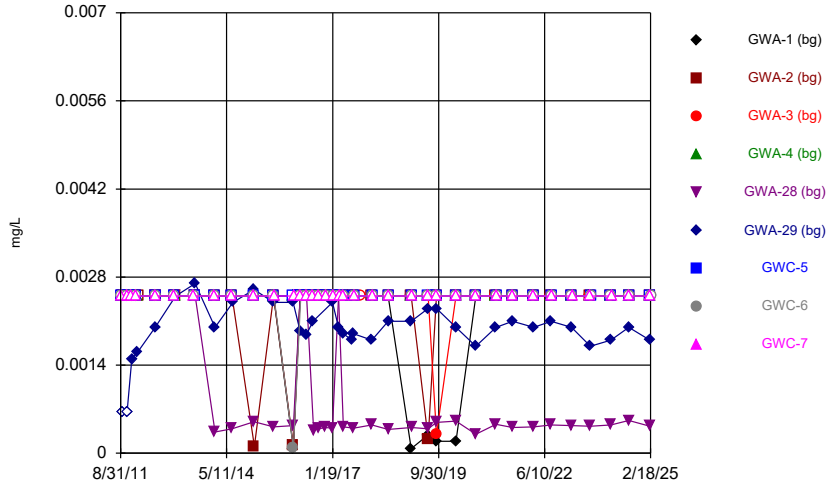
Time Series



Constituent: Barium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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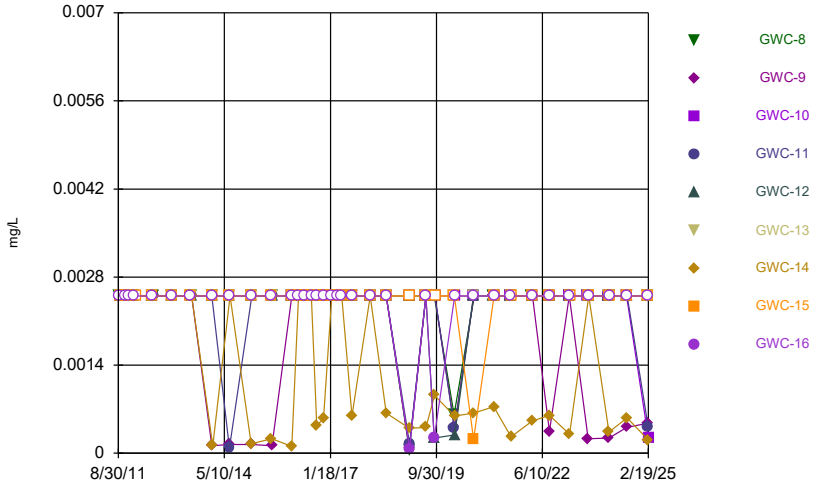
Time Series



Constituent: Beryllium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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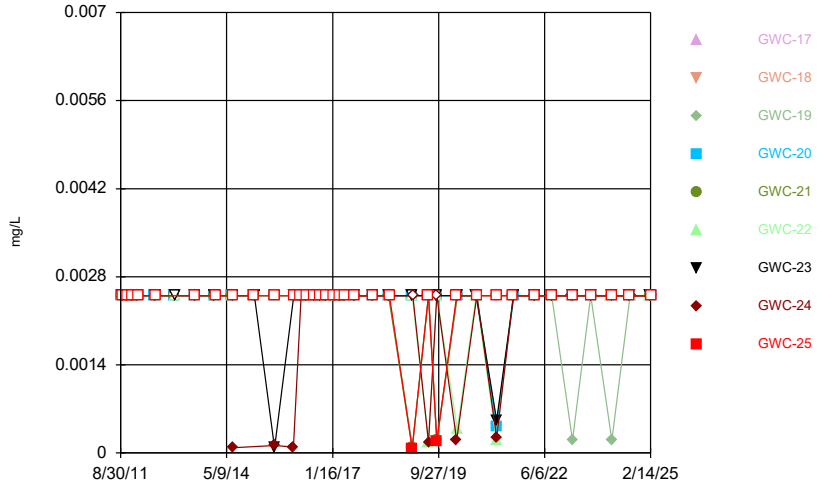
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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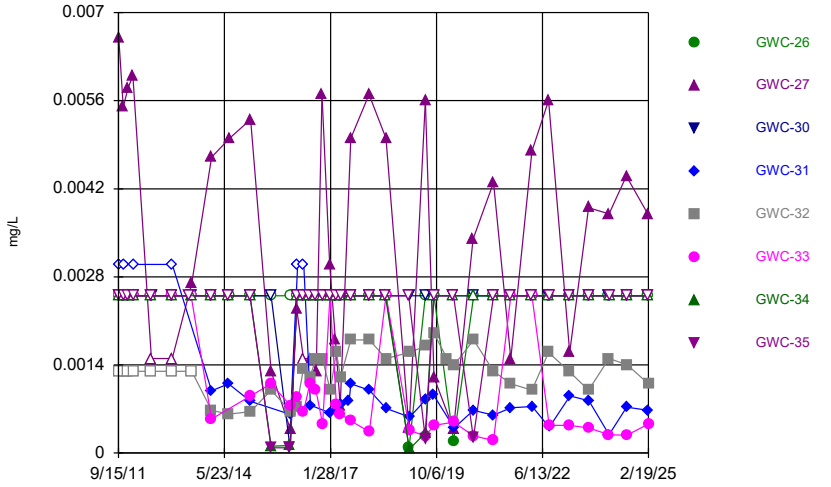
Time Series



Constituent: Beryllium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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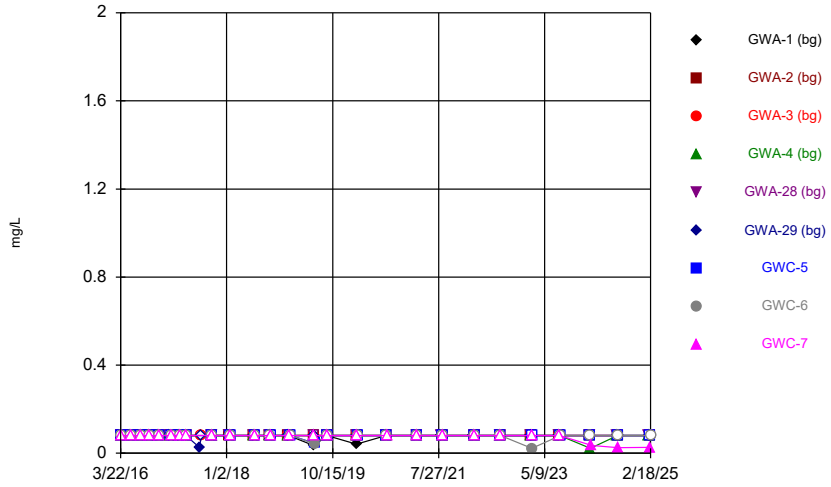
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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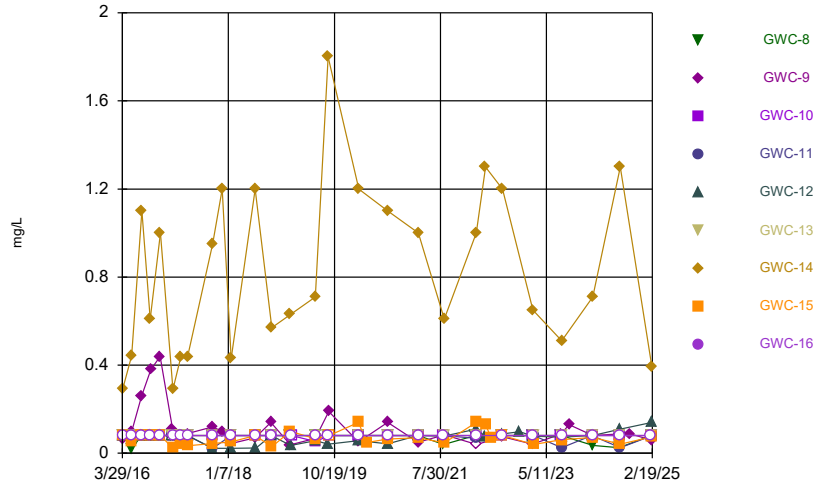
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Constituent: Boron Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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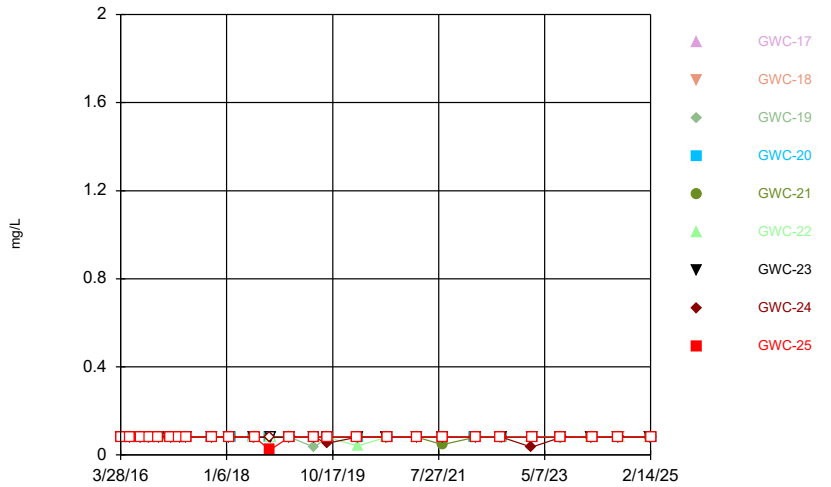
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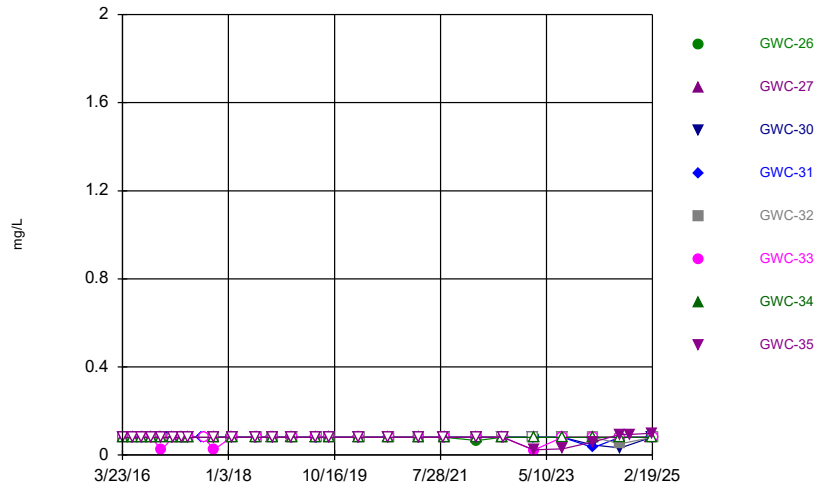
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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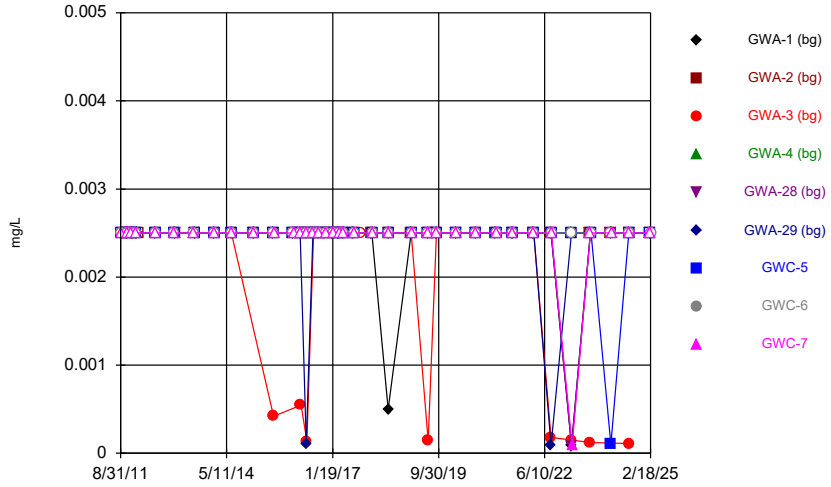
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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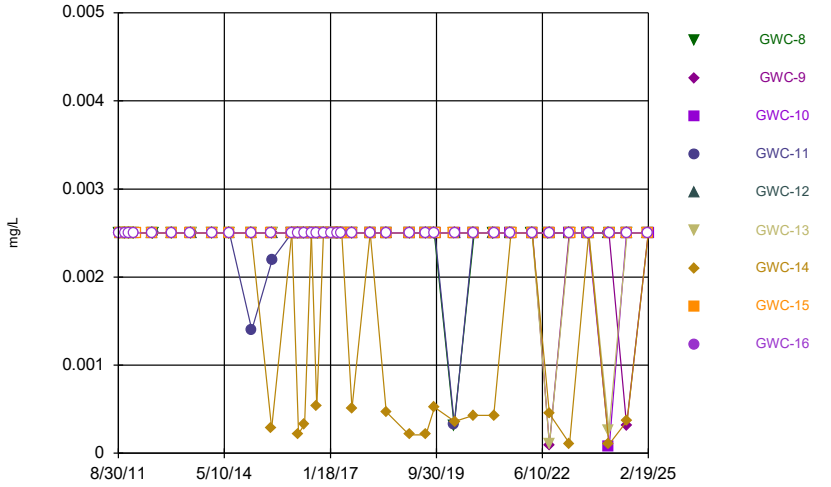
Time Series



Constituent: Cadmium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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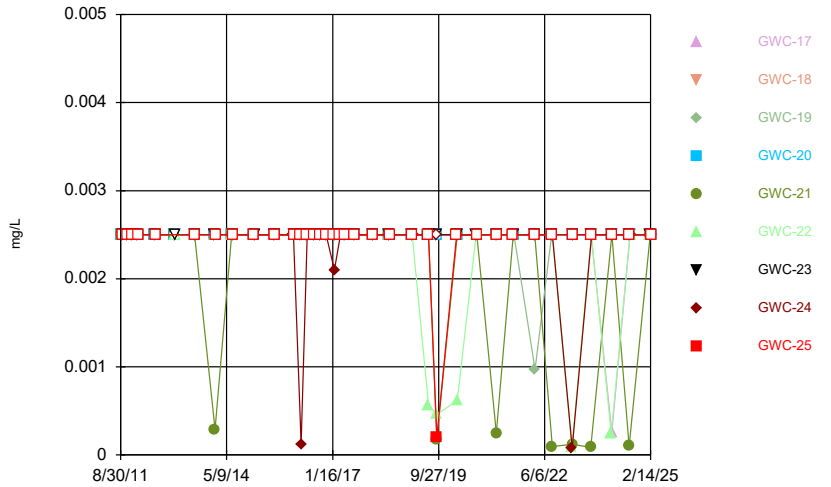
Time Series



Constituent: Cadmium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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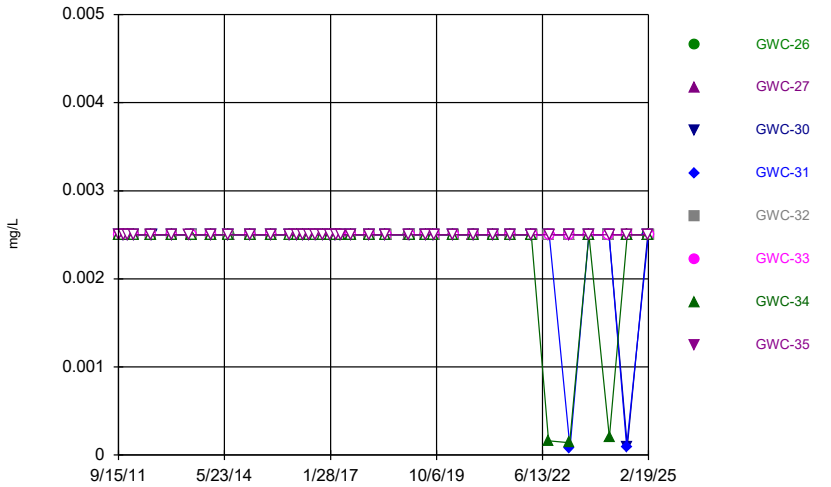
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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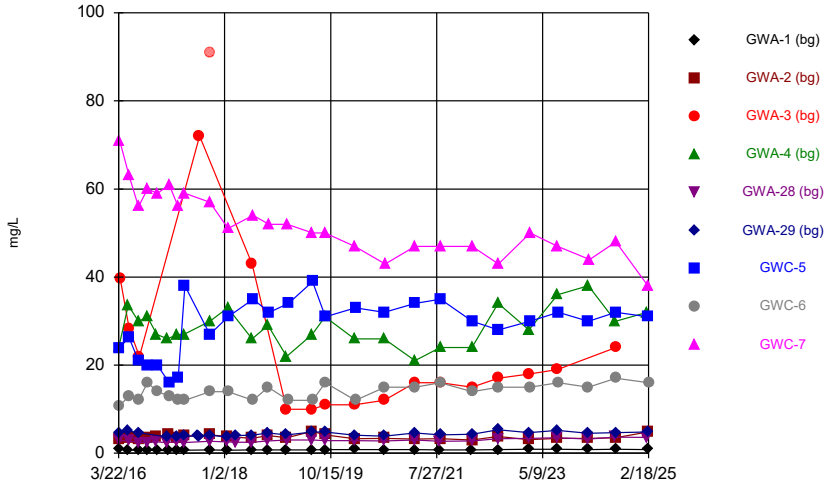
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

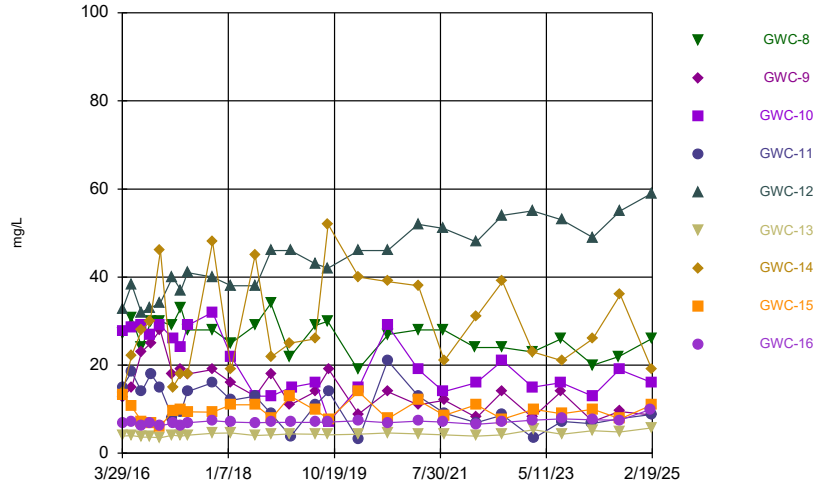
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Constituent: Calcium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

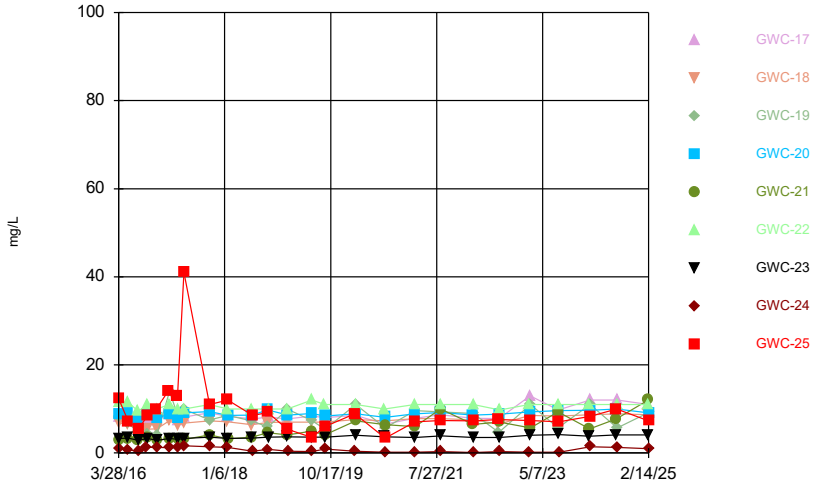
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Constituent: Calcium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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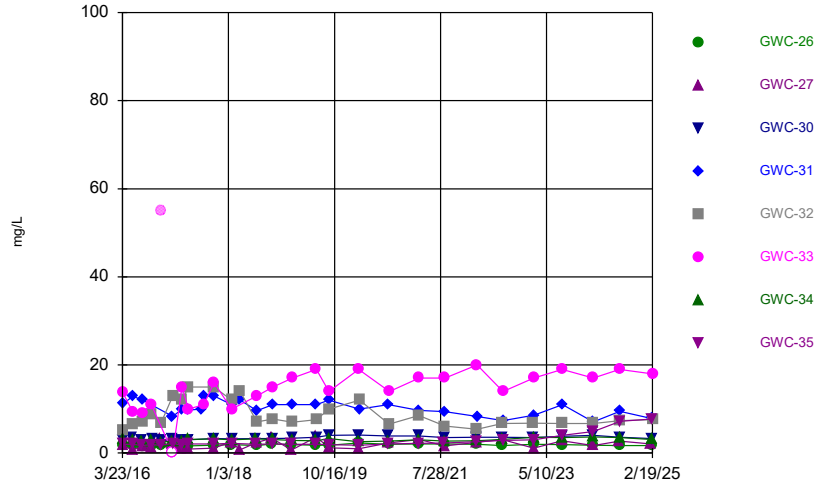
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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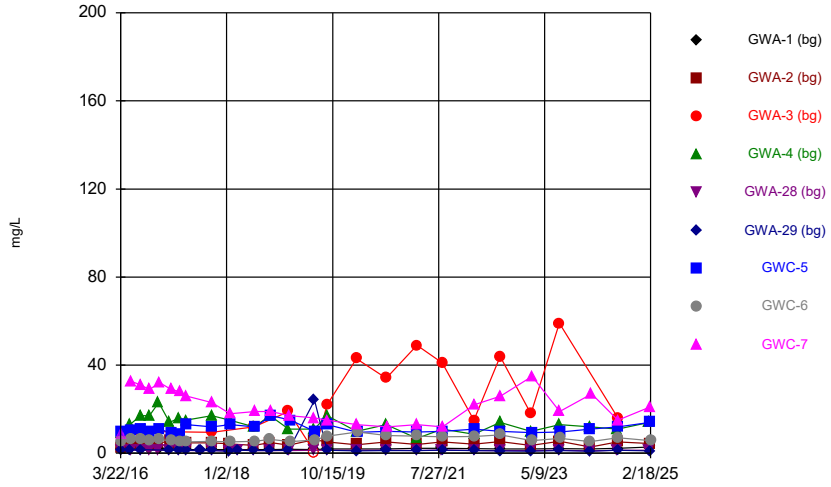
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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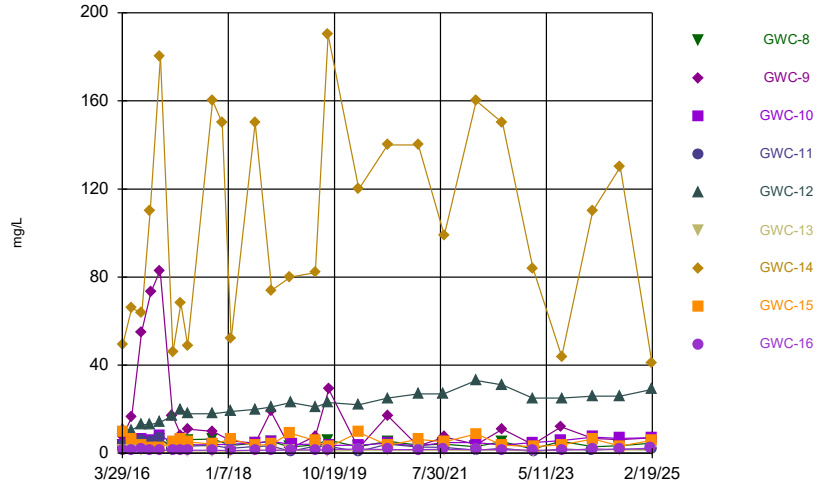
Time Series



Constituent: Chloride Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

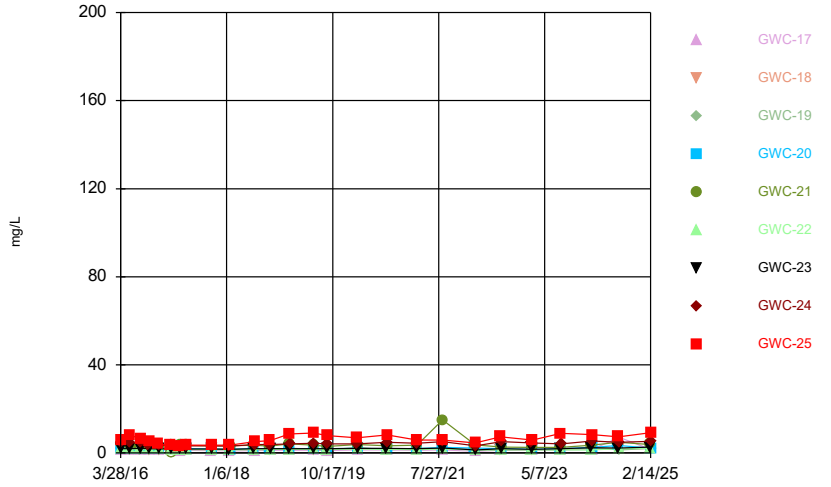
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Constituent: Chloride Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

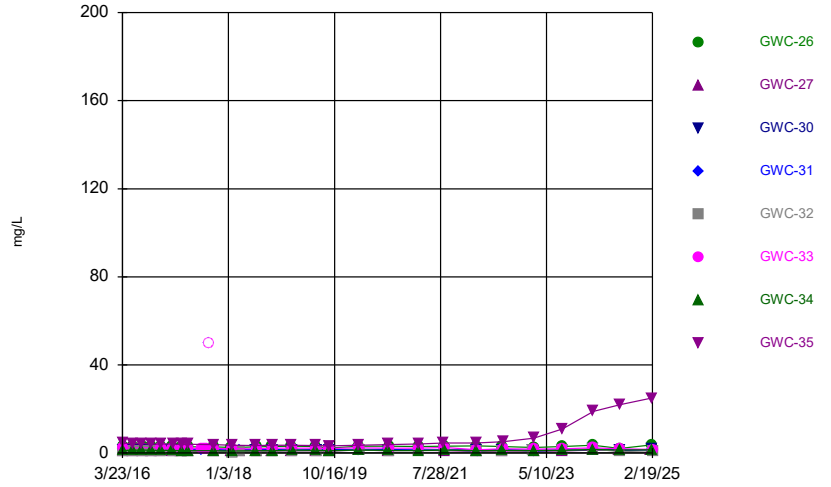
Time Series



Constituent: Chloride Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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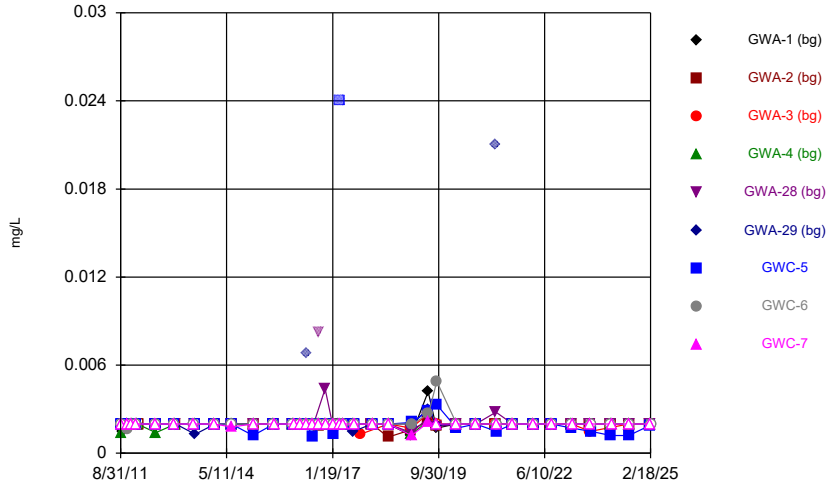
Time Series



Constituent: Chloride Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

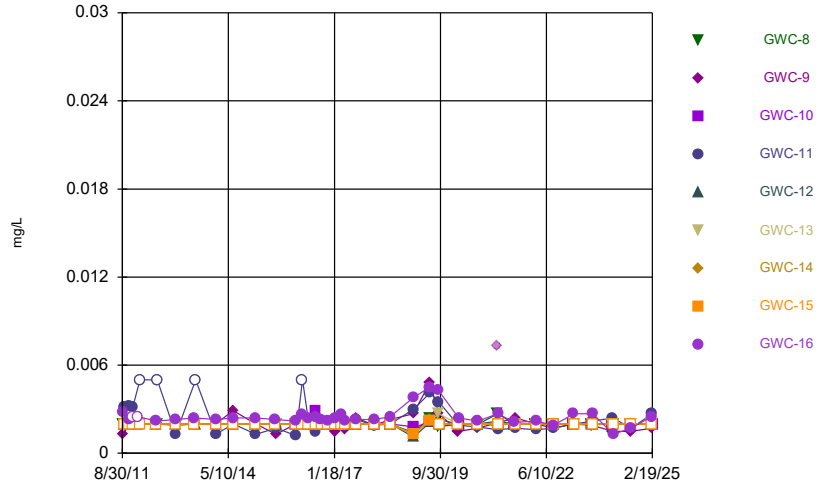
Time Series



Constituent: Chromium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

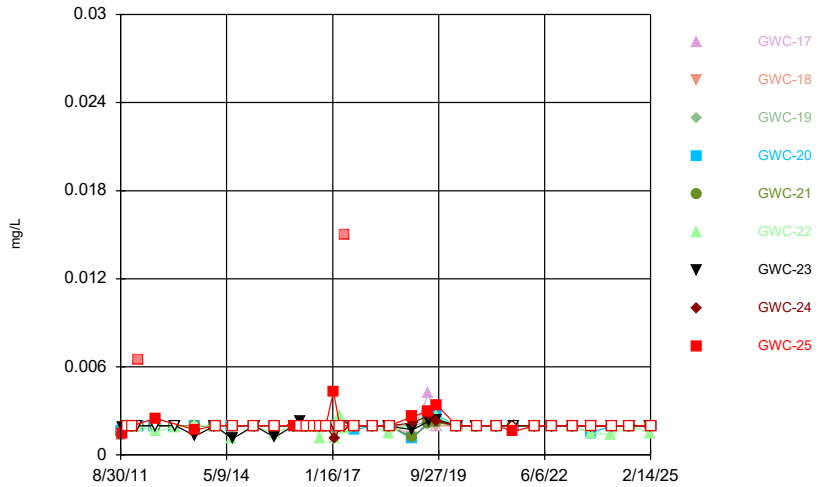
Time Series



Constituent: Chromium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

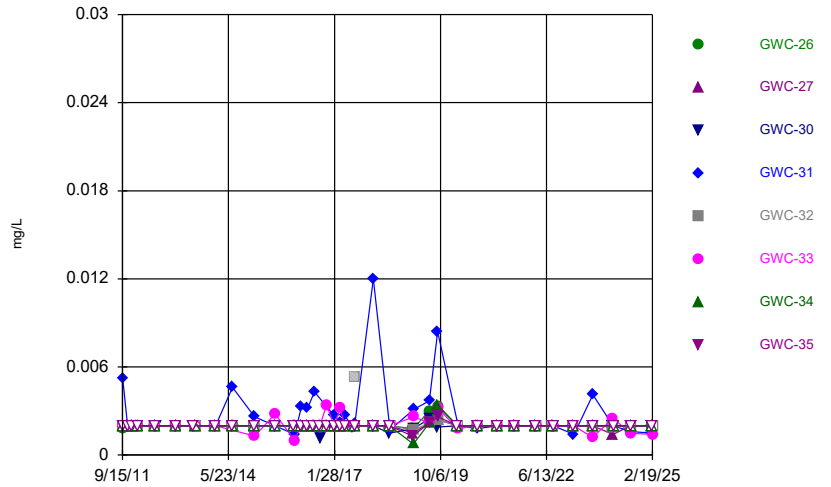
Time Series



Constituent: Chromium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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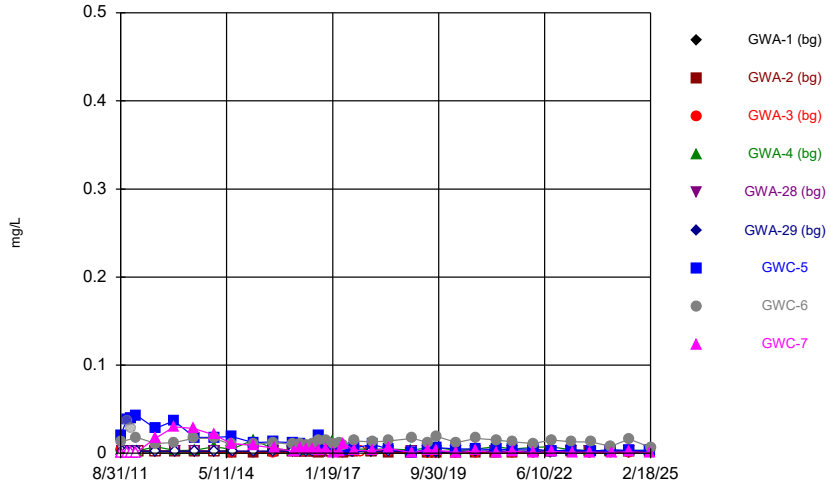
Time Series



Constituent: Chromium Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

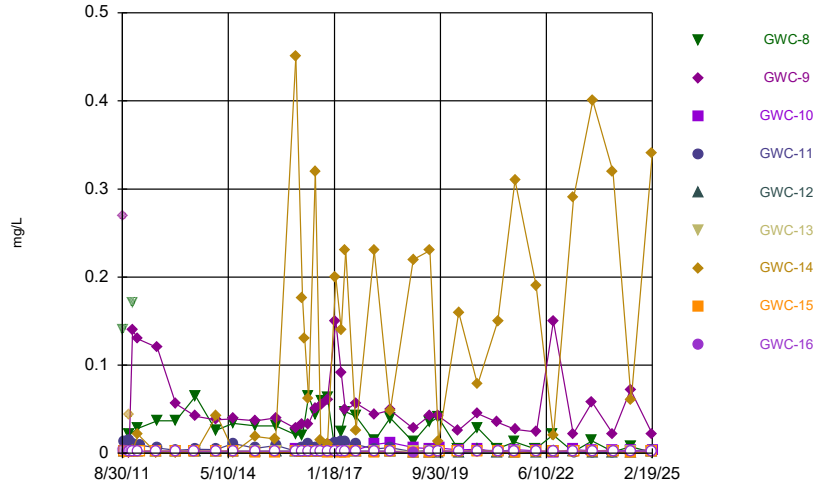
Time Series



Constituent: Cobalt Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

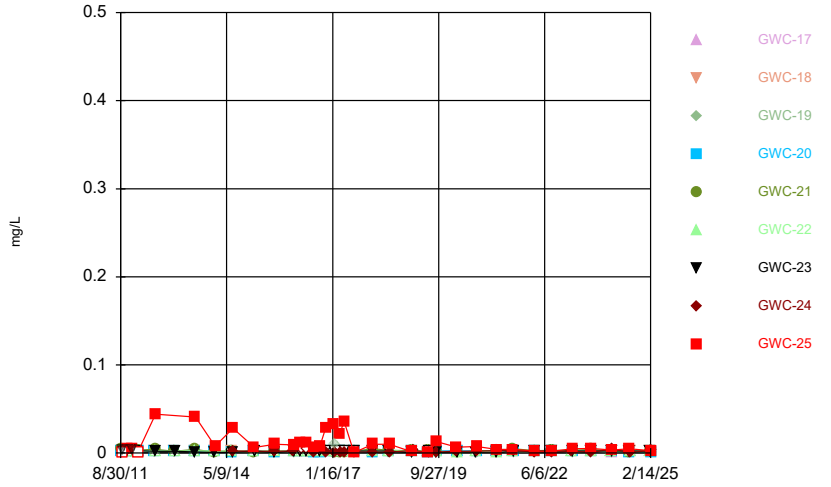
Time Series



Constituent: Cobalt Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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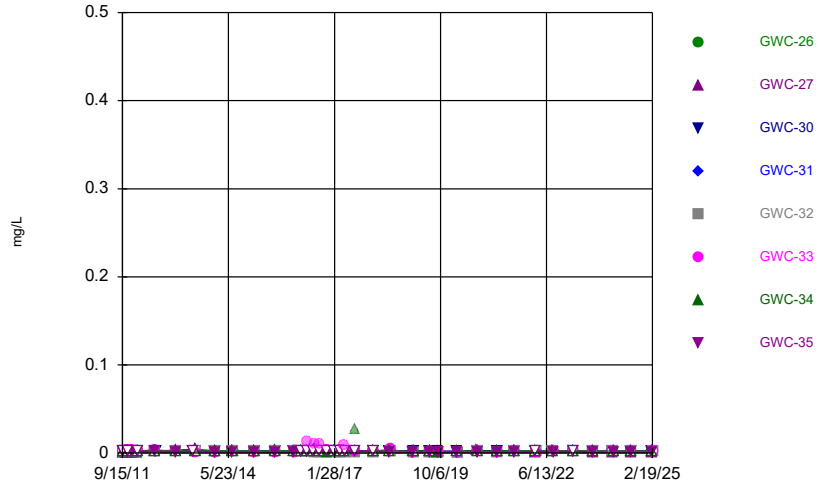
Time Series



Constituent: Cobalt Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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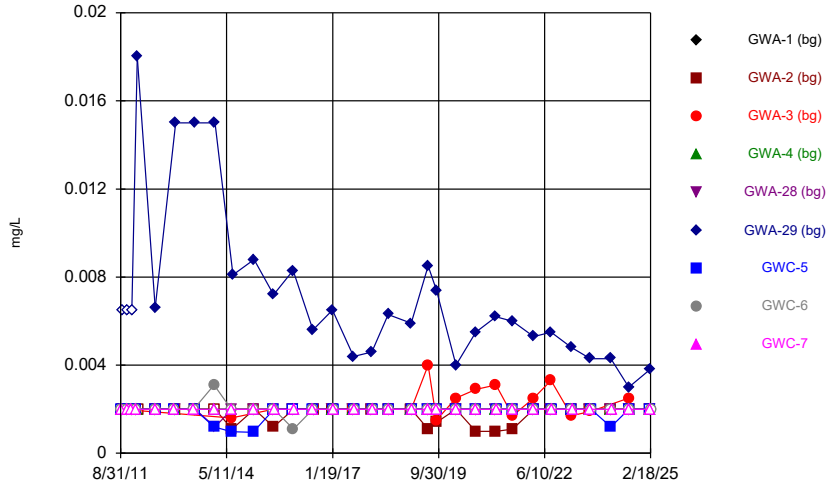
Time Series



Constituent: Cobalt Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

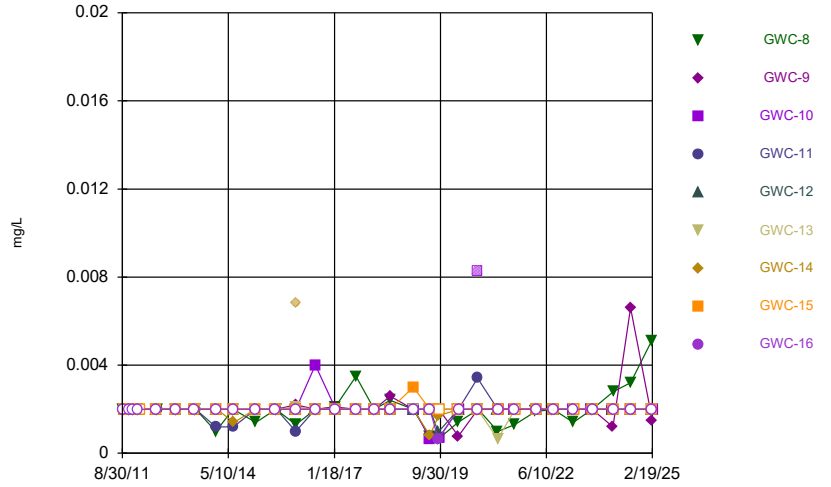
Time Series



Constituent: Copper Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

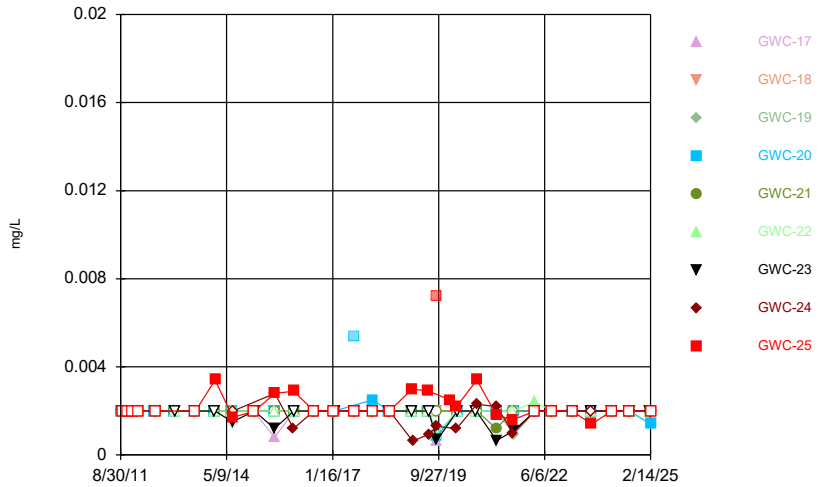
Time Series



Constituent: Copper Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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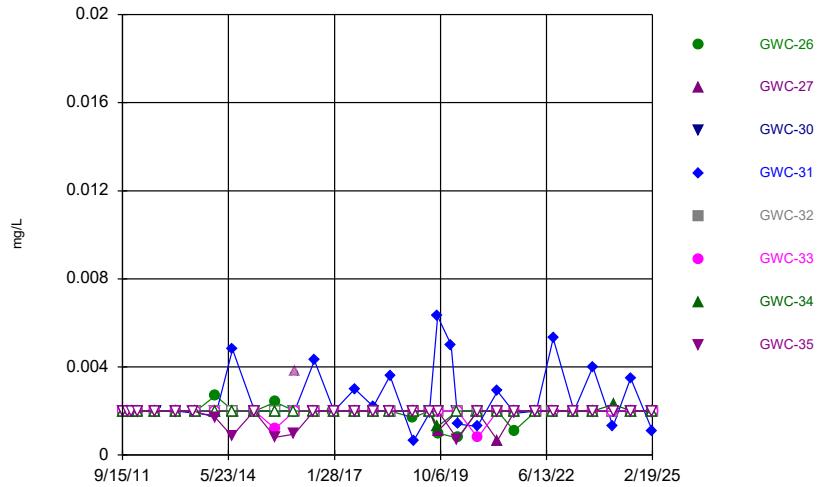
Time Series



Constituent: Copper Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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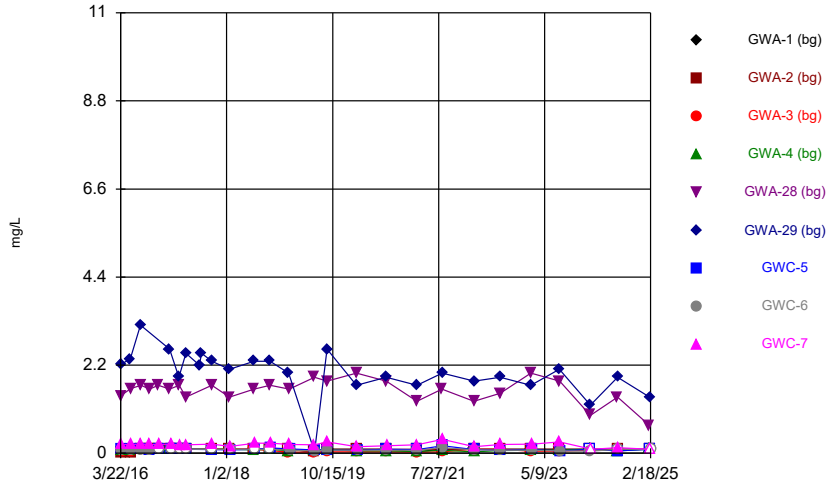
Time Series



Constituent: Copper Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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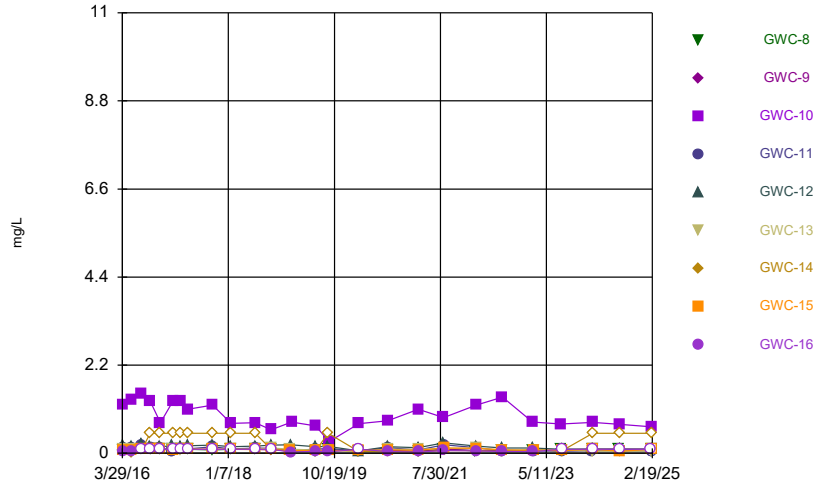
Time Series



Constituent: Fluoride Analysis Run 7/30/2025 1:40 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

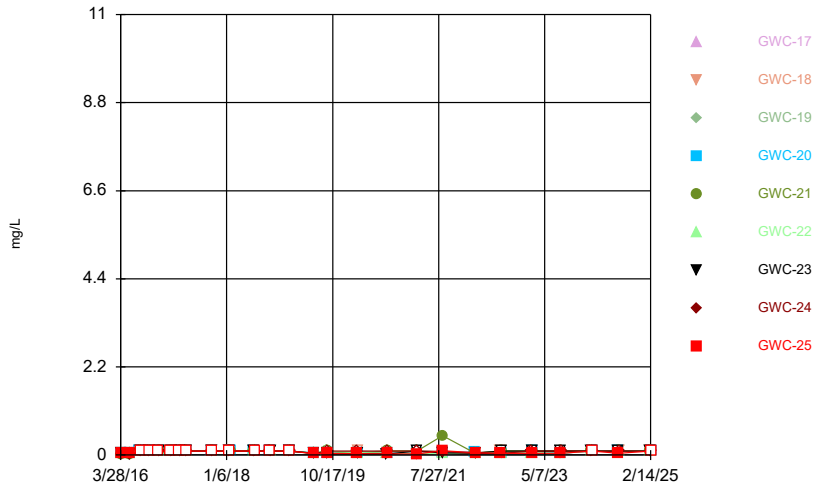
Time Series



Constituent: Fluoride Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

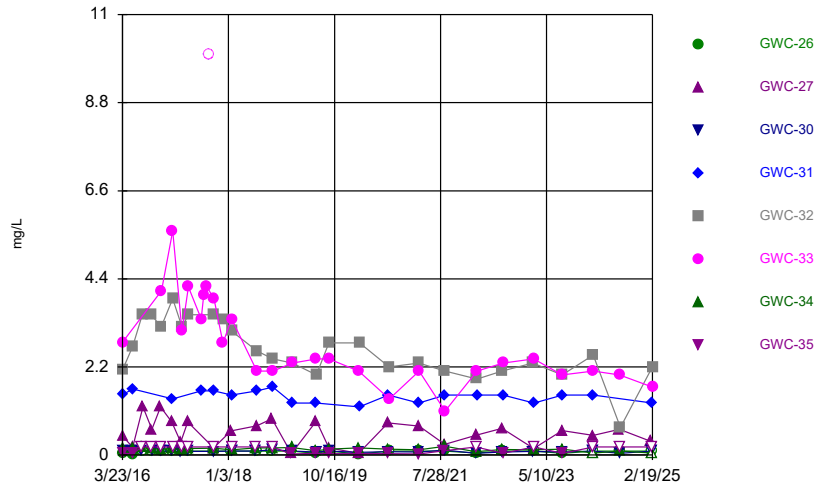
Time Series



Constituent: Fluoride Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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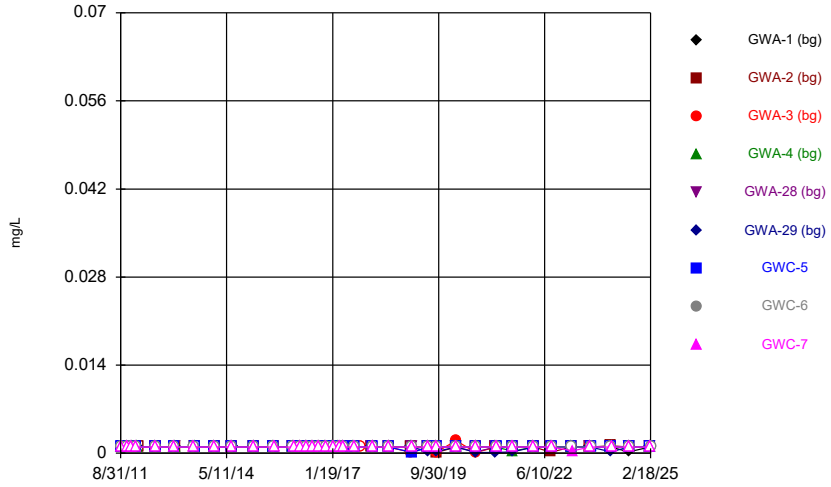
Time Series



Constituent: Fluoride Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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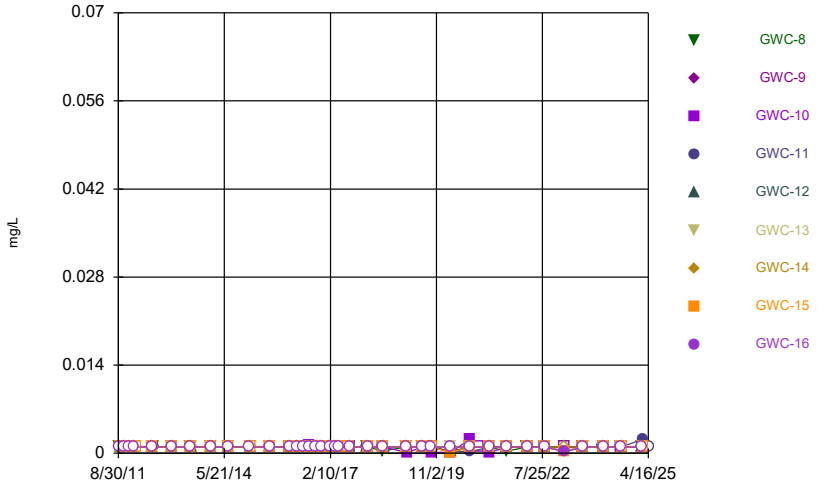
Time Series



Constituent: Lead Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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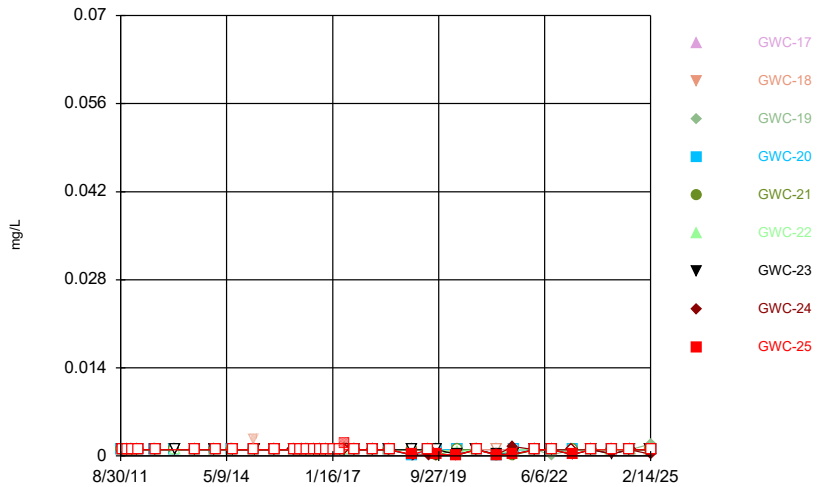
Time Series



Constituent: Lead Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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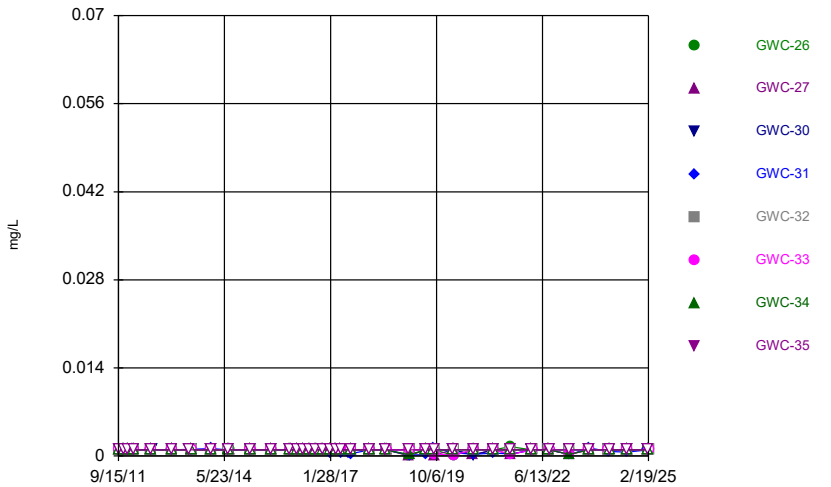
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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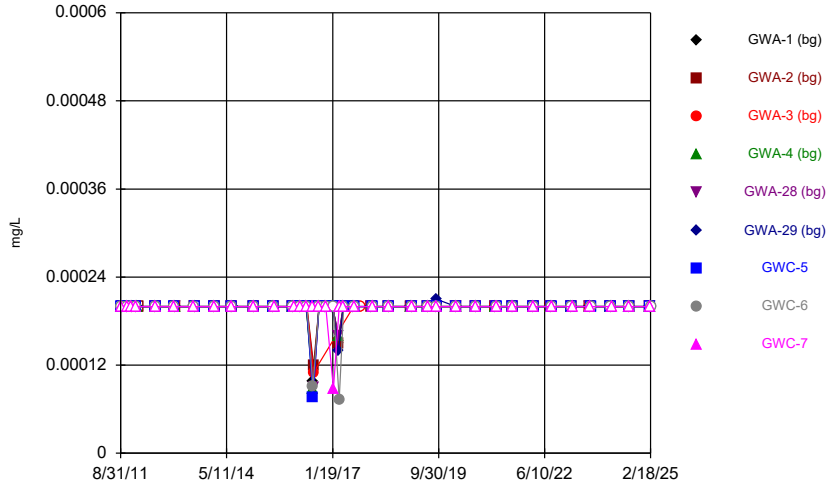
Time Series



Constituent: Lead Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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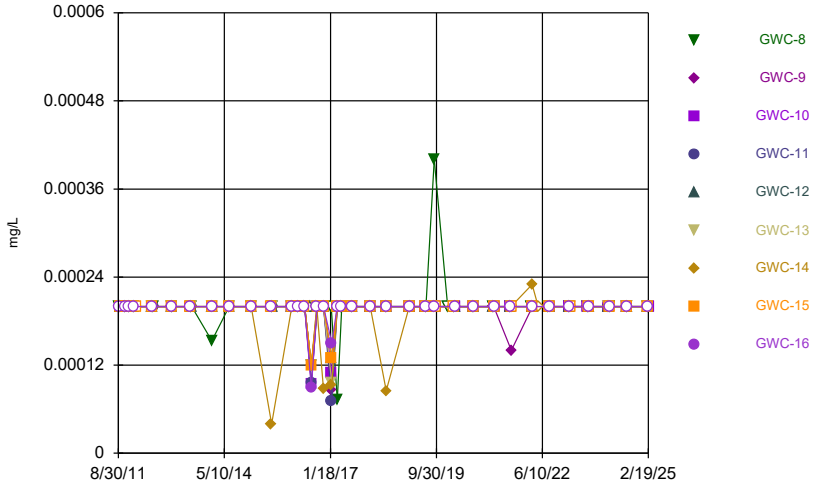
Time Series



Constituent: Mercury Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

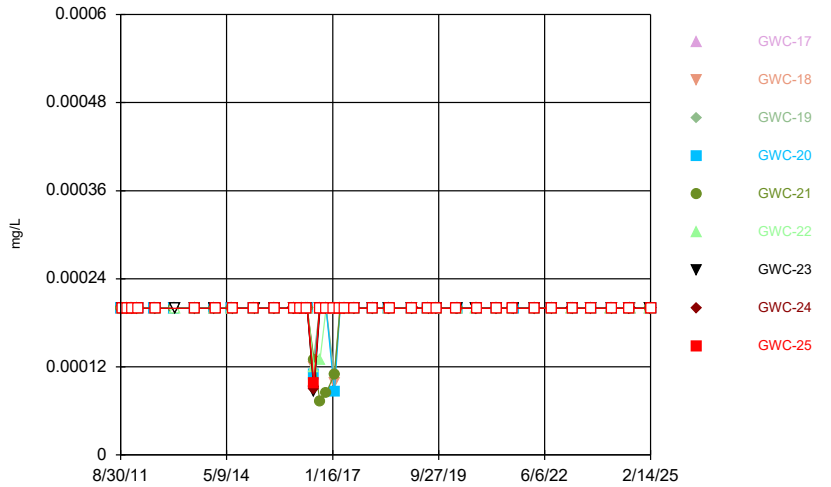
Time Series



Constituent: Mercury Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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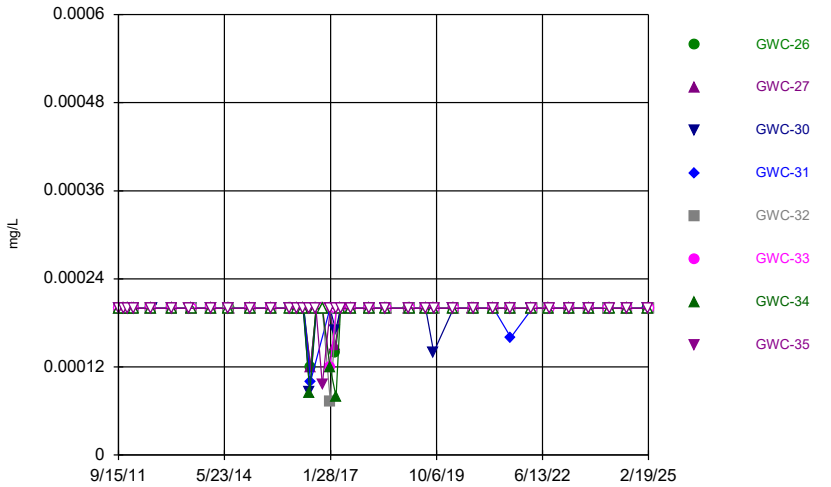
Time Series



Constituent: Mercury Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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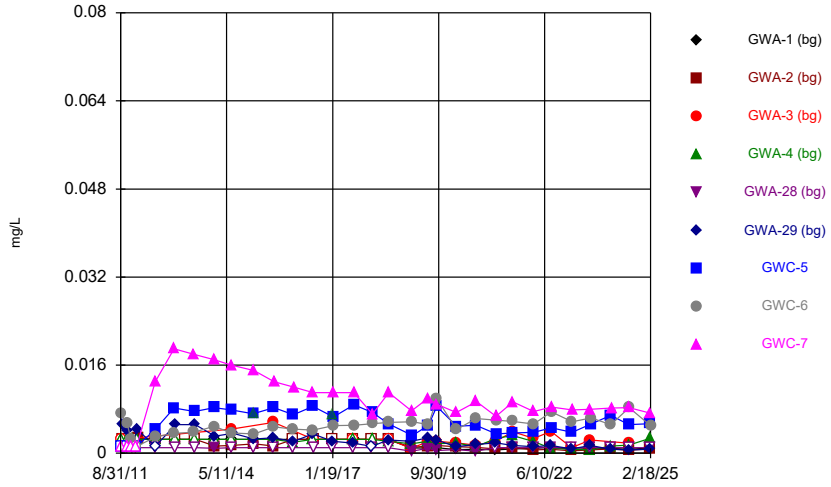
Time Series



Constituent: Mercury Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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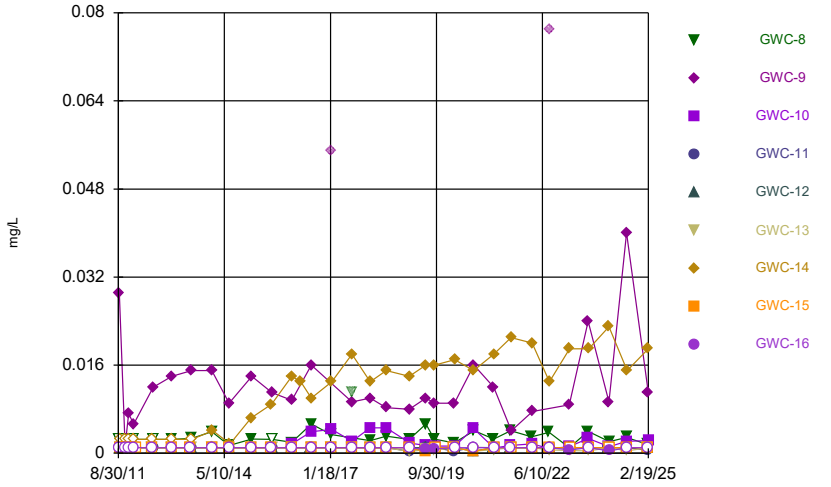
Time Series



Constituent: Nickel Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

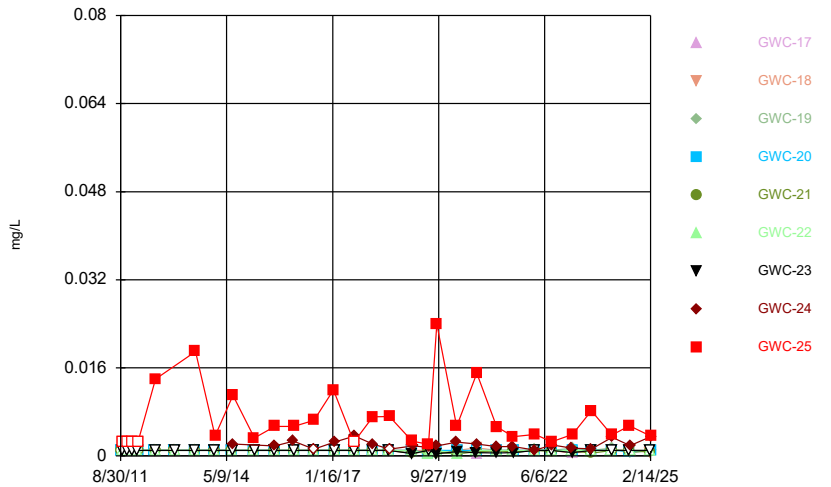
Time Series



Constituent: Nickel Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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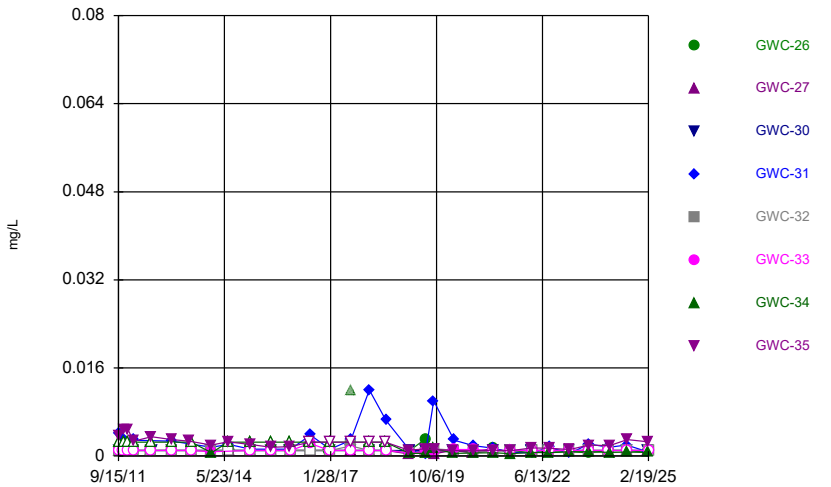
Time Series



Constituent: Nickel Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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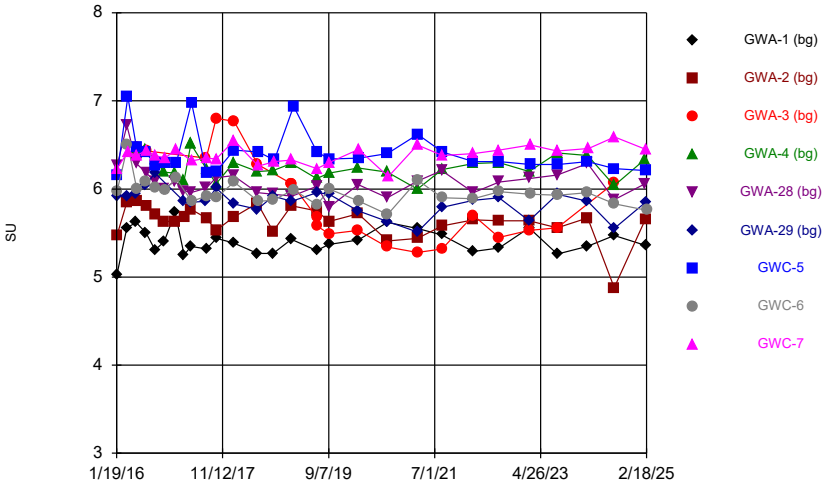
Time Series



Constituent: Nickel Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

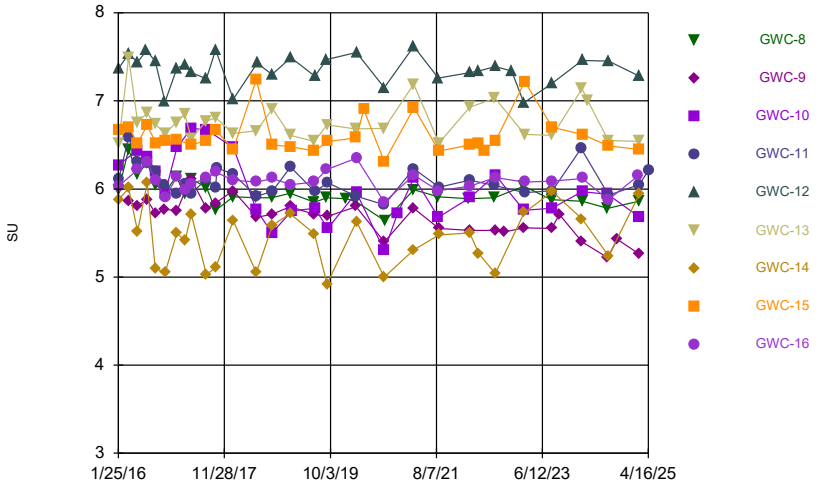
Time Series



Constituent: pH, Field Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

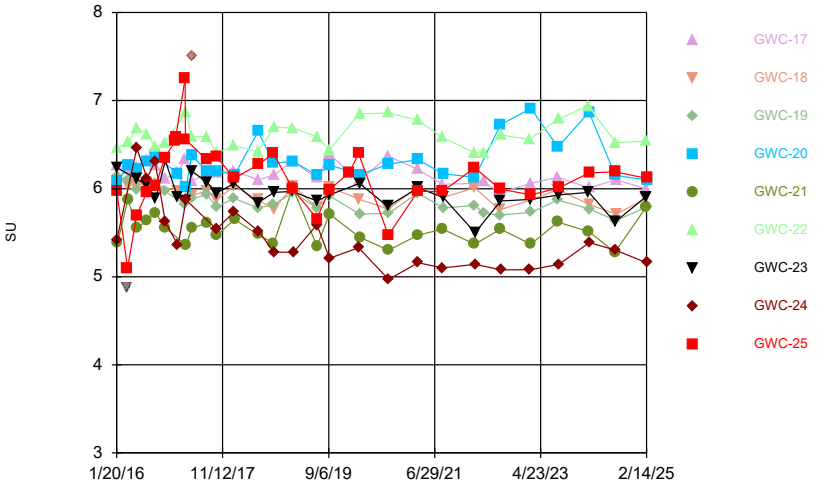
Time Series



Constituent: pH, Field Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

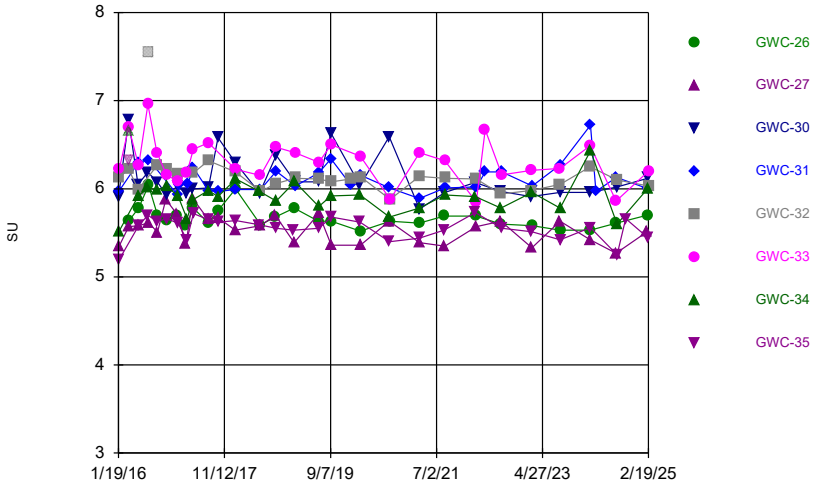
Time Series



Constituent: pH, Field Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

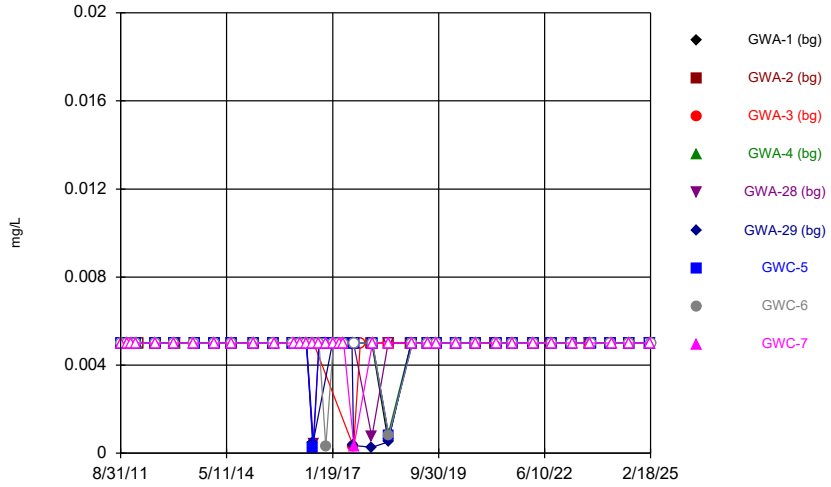
Time Series



Constituent: pH, Field Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

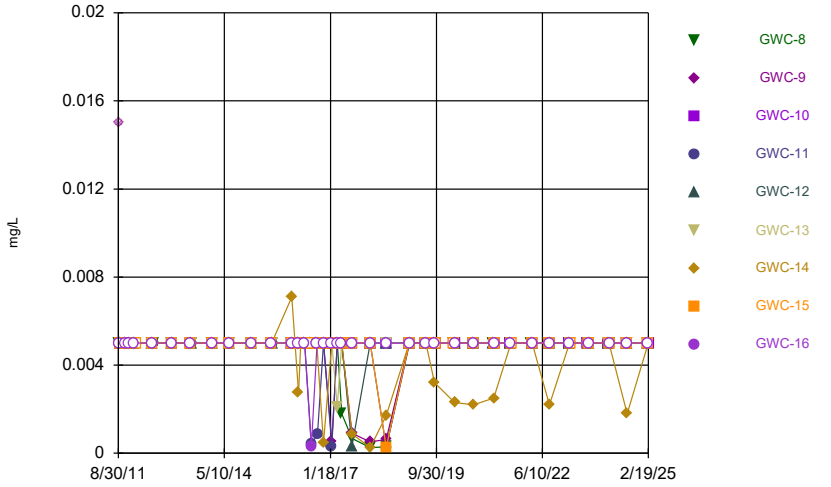
Time Series



Constituent: Selenium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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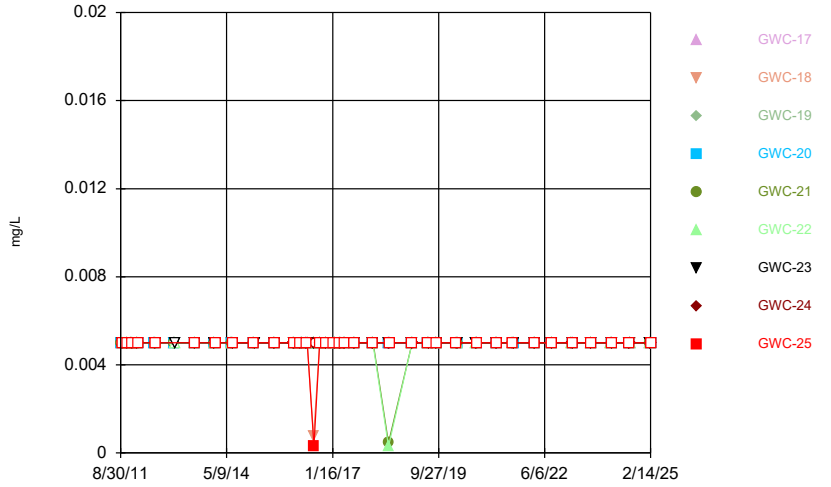
Time Series



Constituent: Selenium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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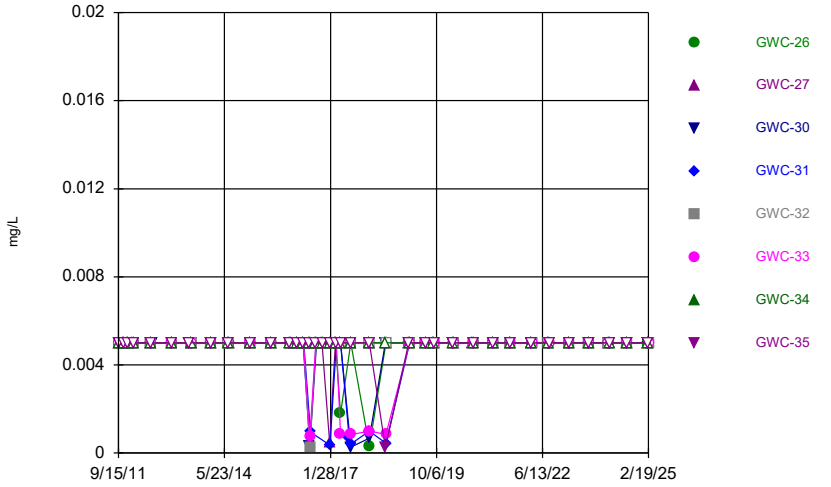
Time Series



Constituent: Selenium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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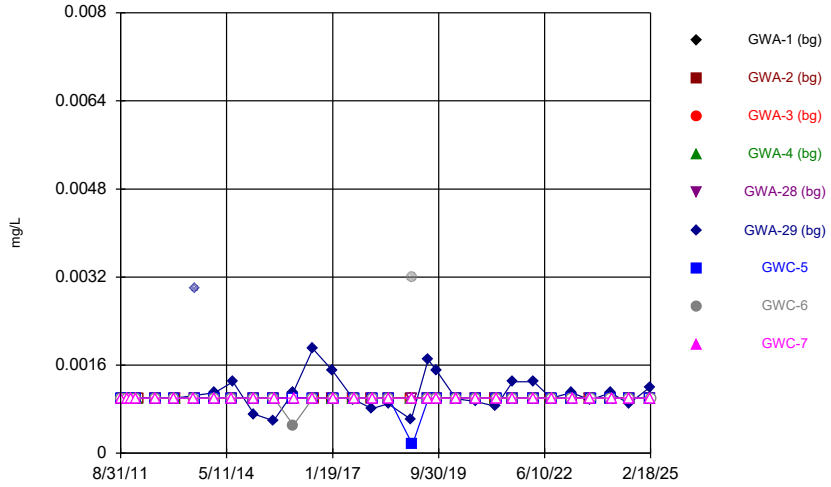
Time Series



Constituent: Selenium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

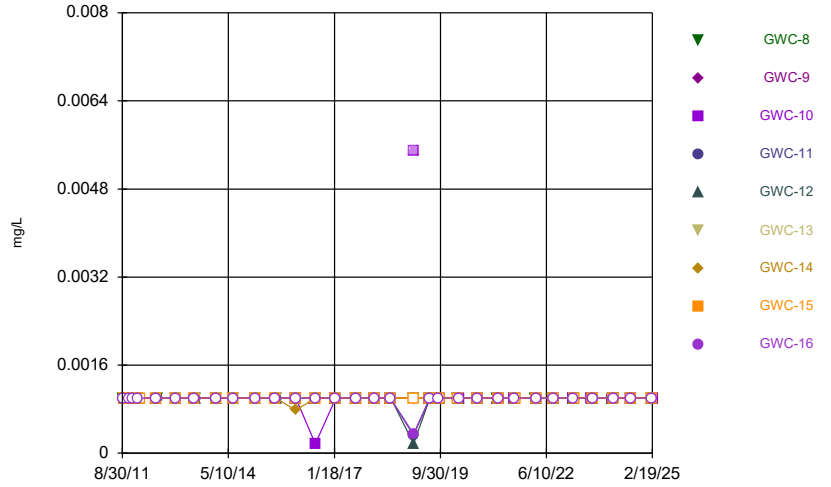
Time Series



Constituent: Silver Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

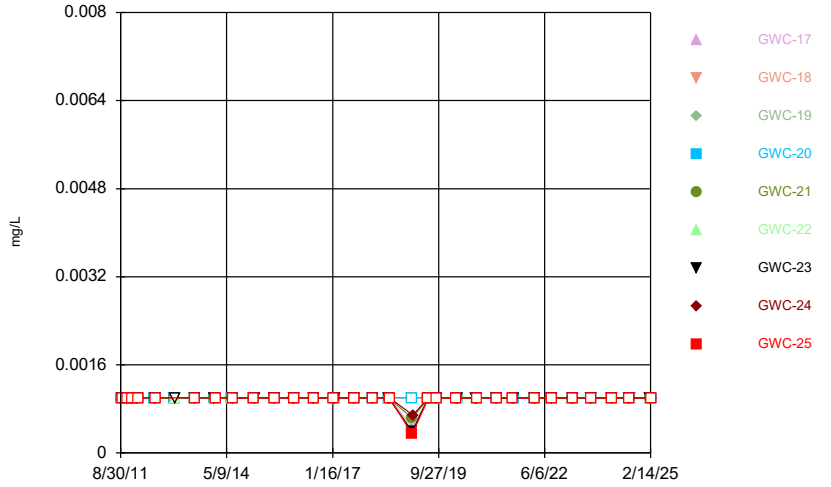
Time Series



Constituent: Silver Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

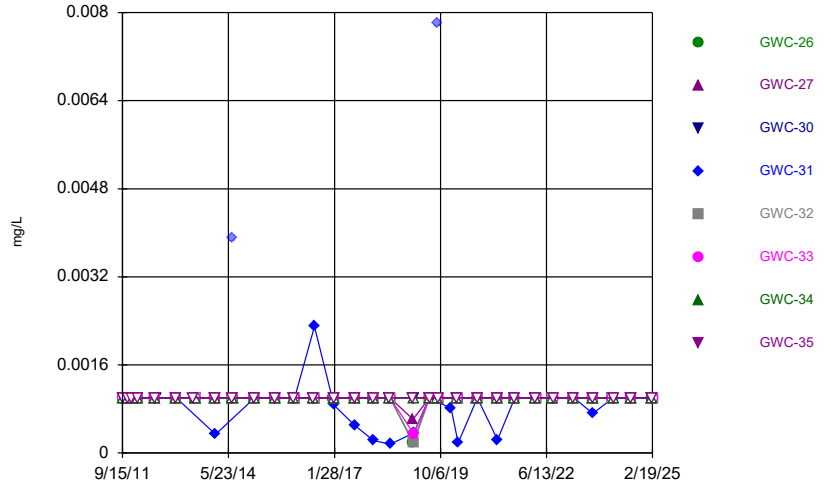
Time Series



Constituent: Silver Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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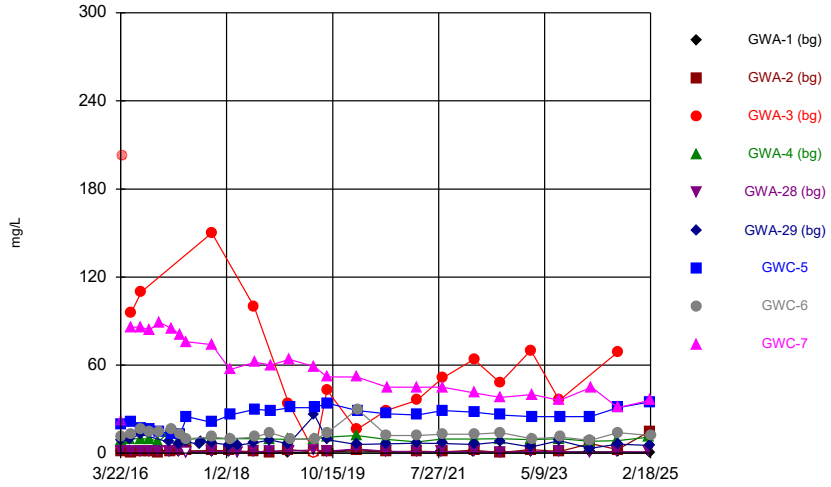
Time Series



Constituent: Silver Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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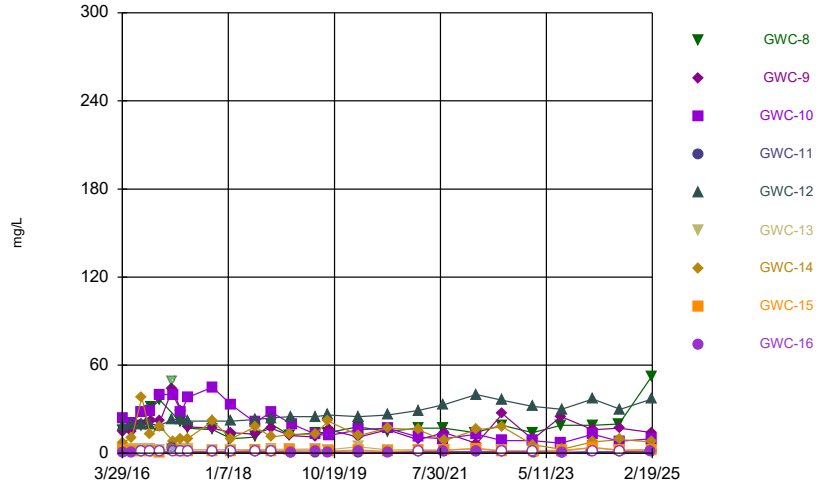
Time Series



Constituent: Sulfate Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

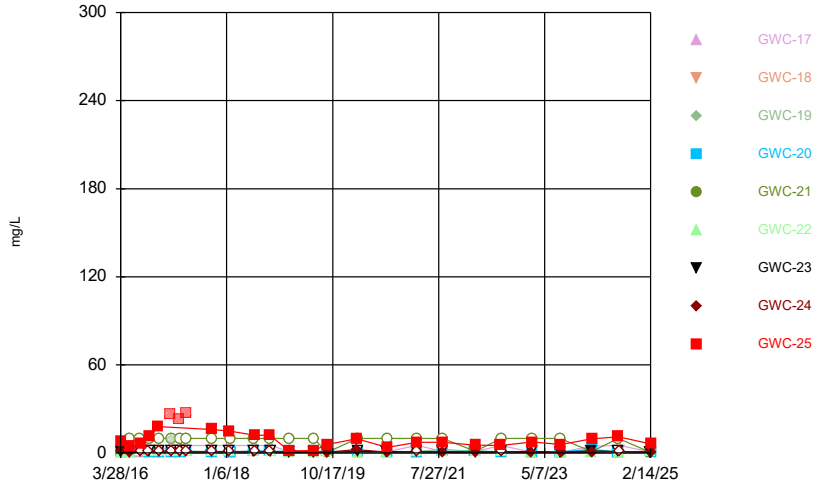
Time Series



Constituent: Sulfate Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

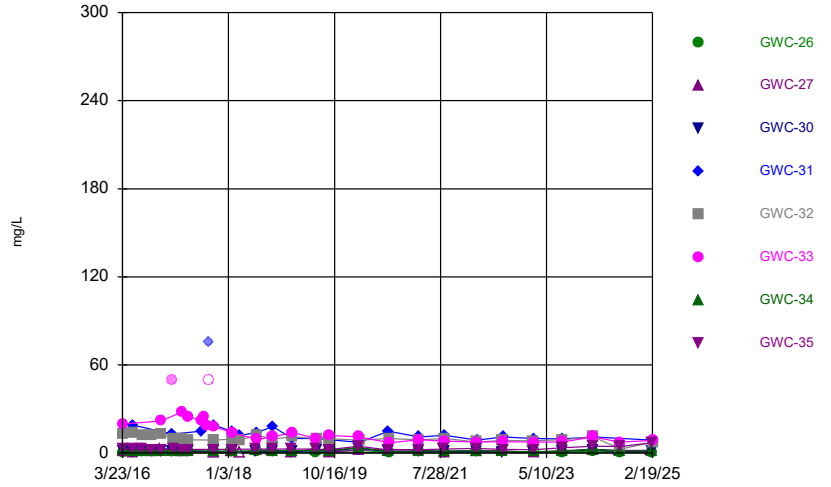
Time Series



Constituent: Sulfate Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

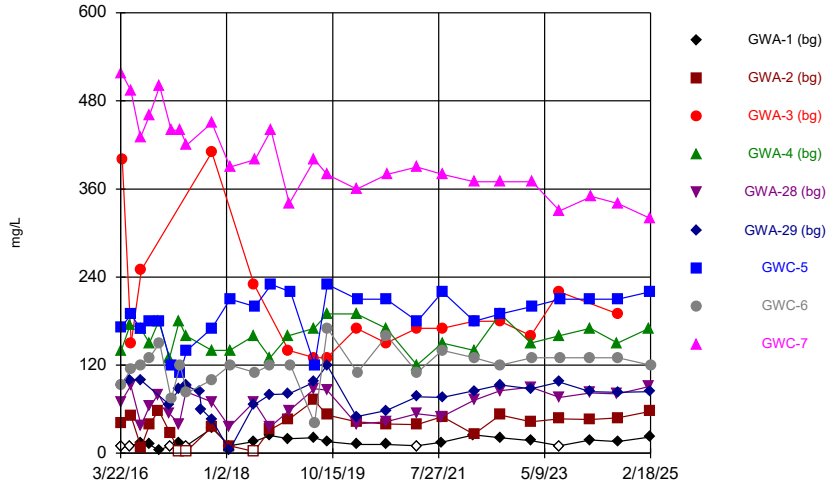
Time Series



Constituent: Sulfate Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

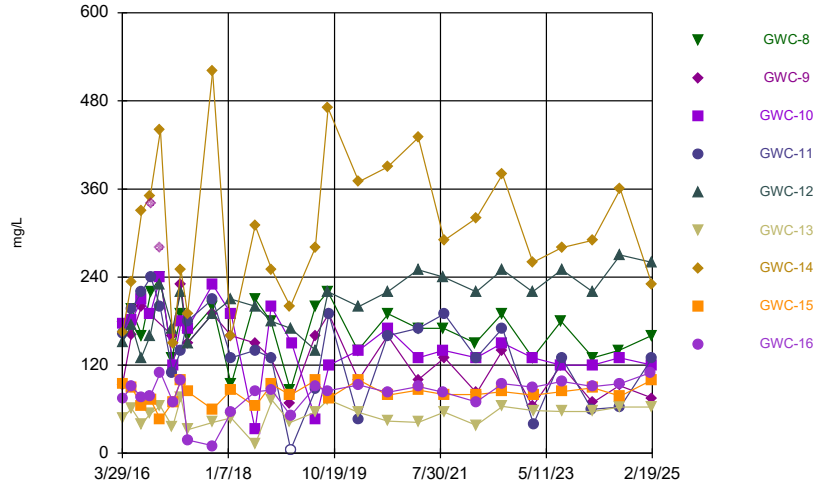
Time Series



Constituent: TDS Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

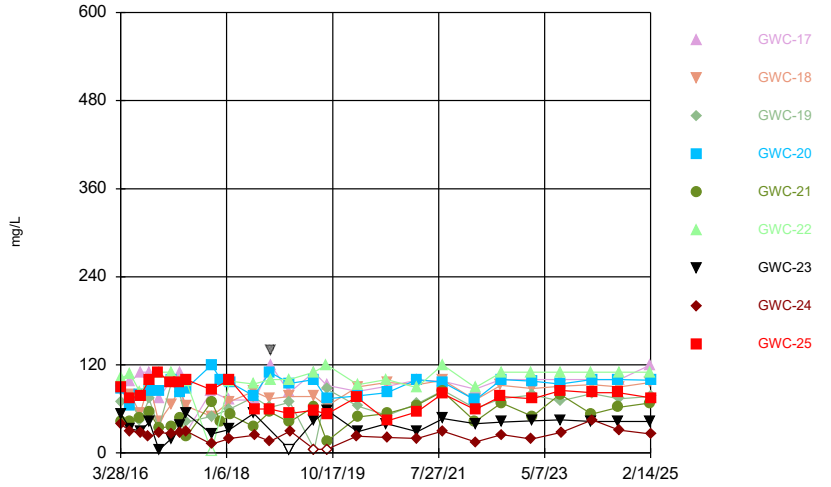
Time Series



Constituent: TDS Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

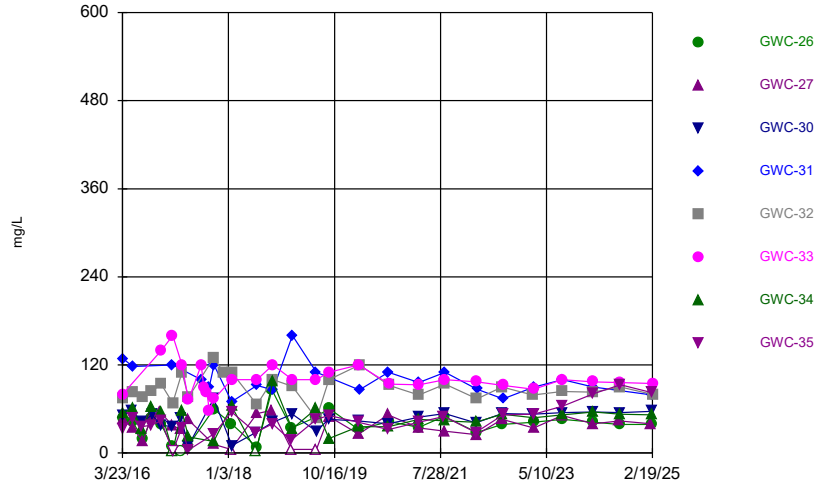
Time Series



Constituent: TDS Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

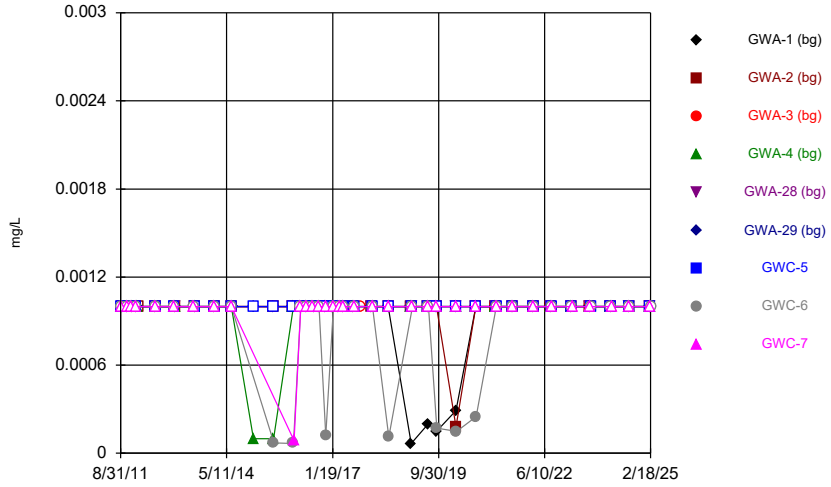
Time Series



Constituent: TDS Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

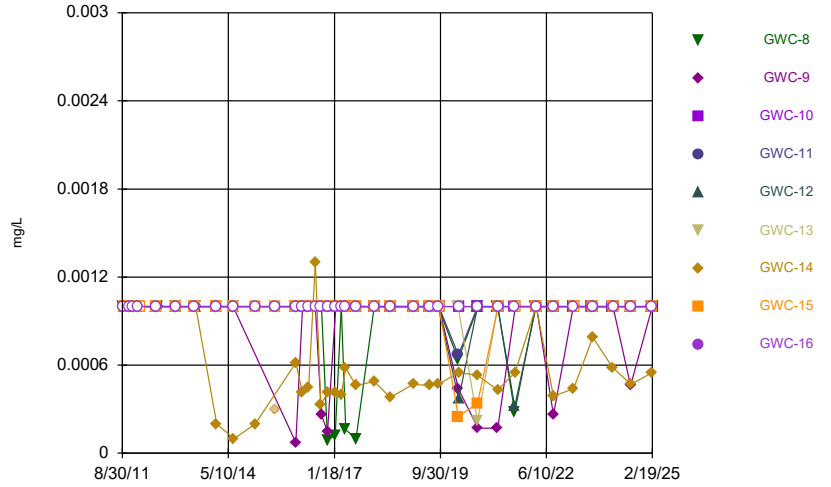
Time Series



Constituent: Thallium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

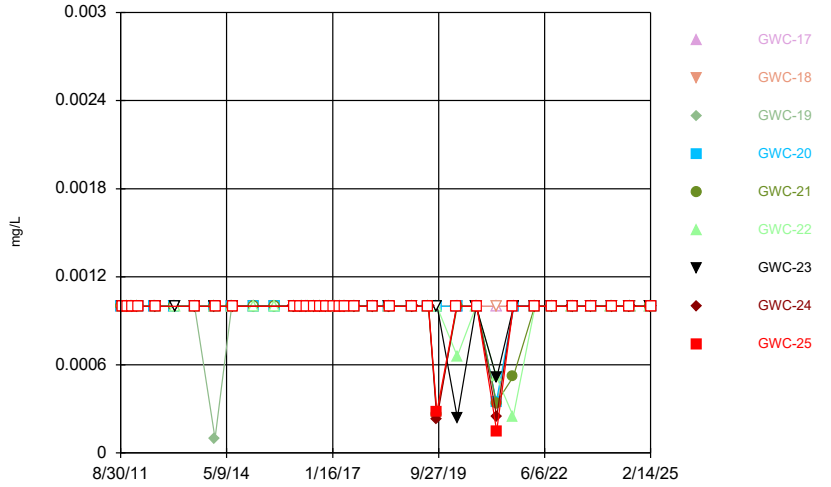
Time Series



Constituent: Thallium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

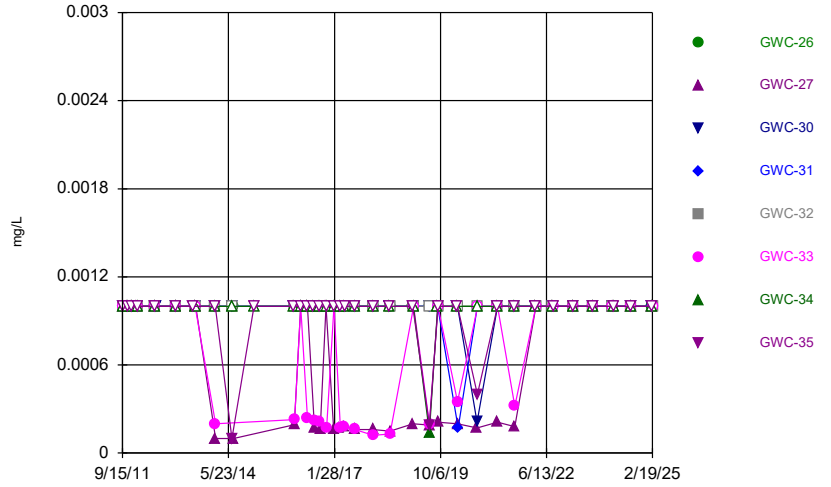
Time Series



Constituent: Thallium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

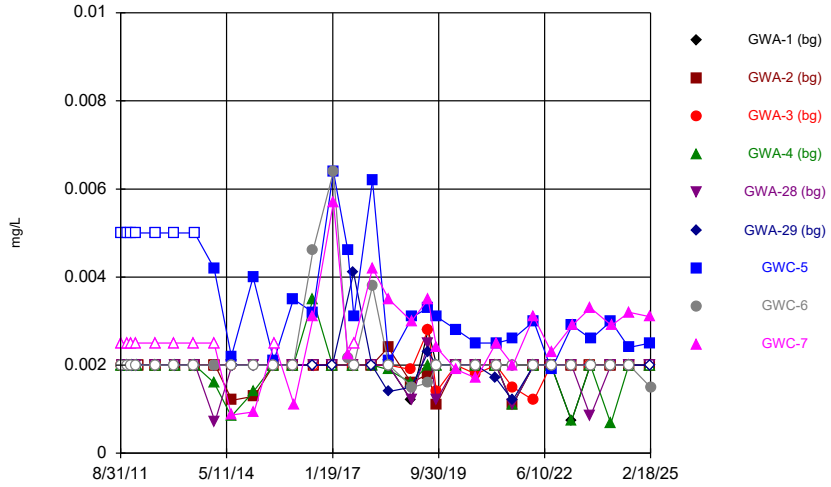
Time Series



Constituent: Thallium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

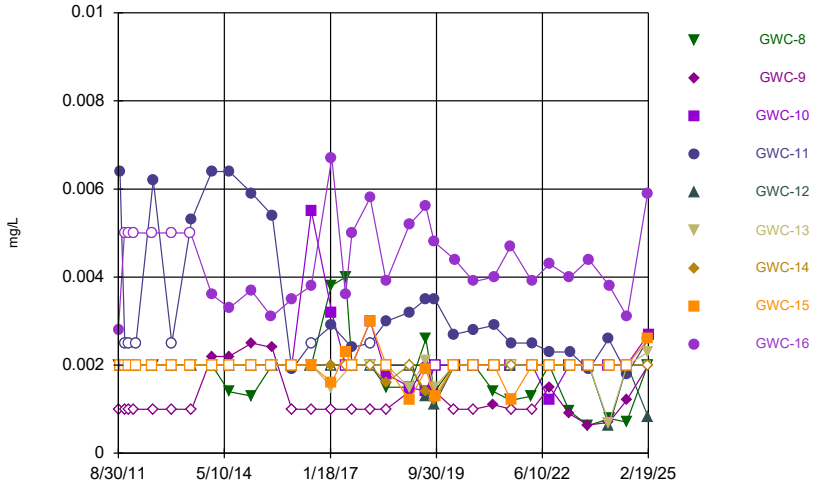
Time Series



Constituent: Vanadium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

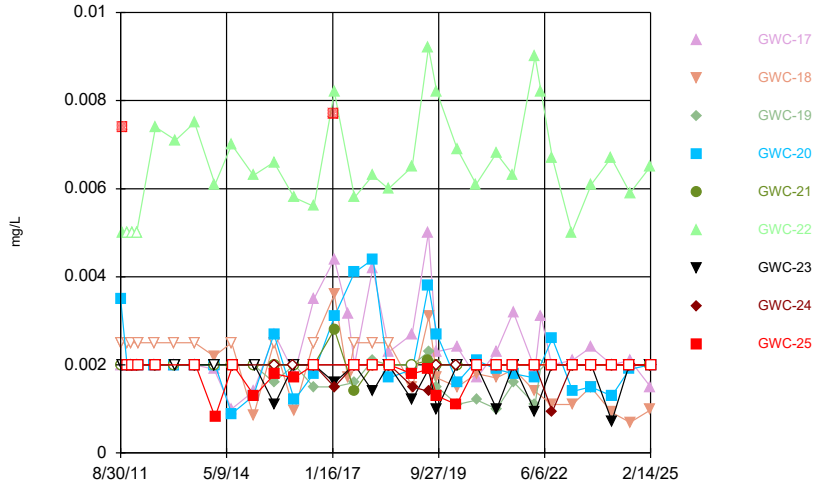
Time Series



Constituent: Vanadium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

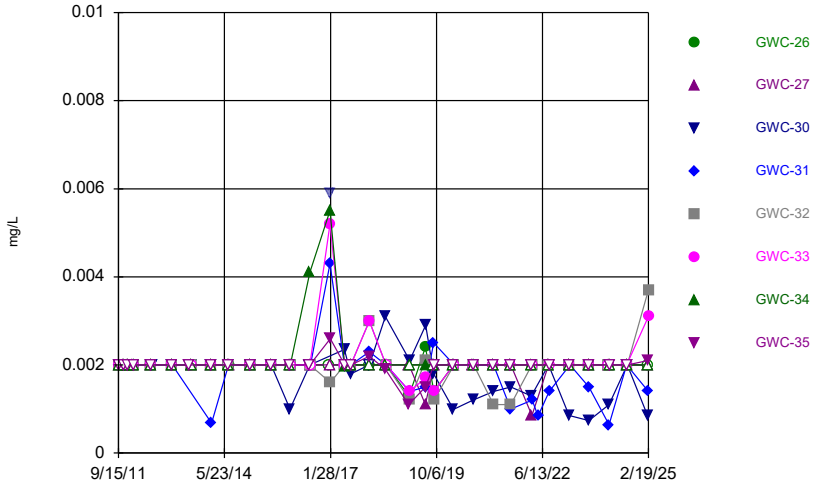
Time Series



Constituent: Vanadium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

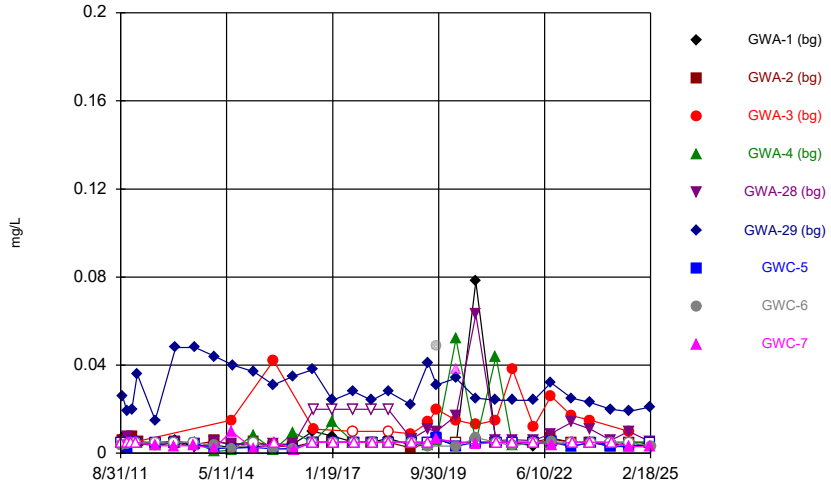
Time Series



Constituent: Vanadium Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

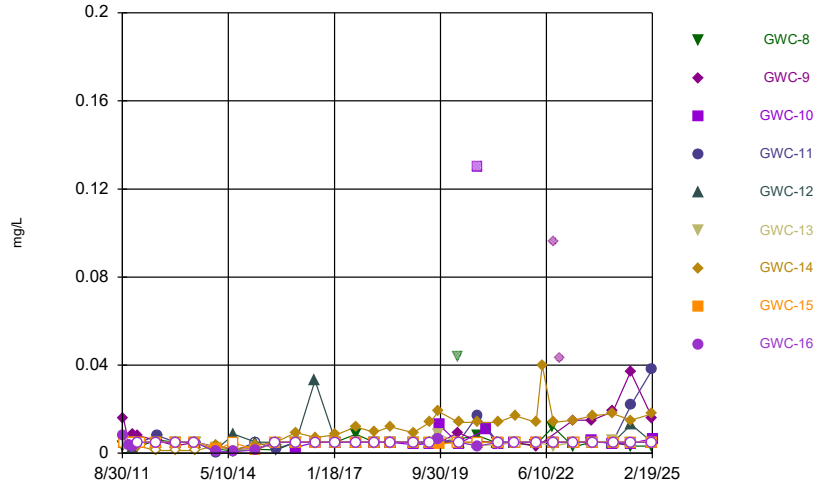
Time Series



Constituent: Zinc Analysis Run 7/30/2025 1:41 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

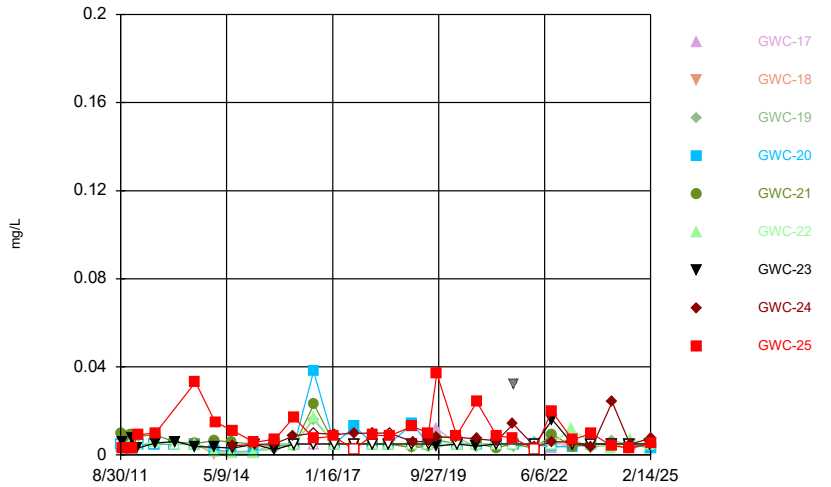
Time Series



Constituent: Zinc Analysis Run 7/30/2025 1:42 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

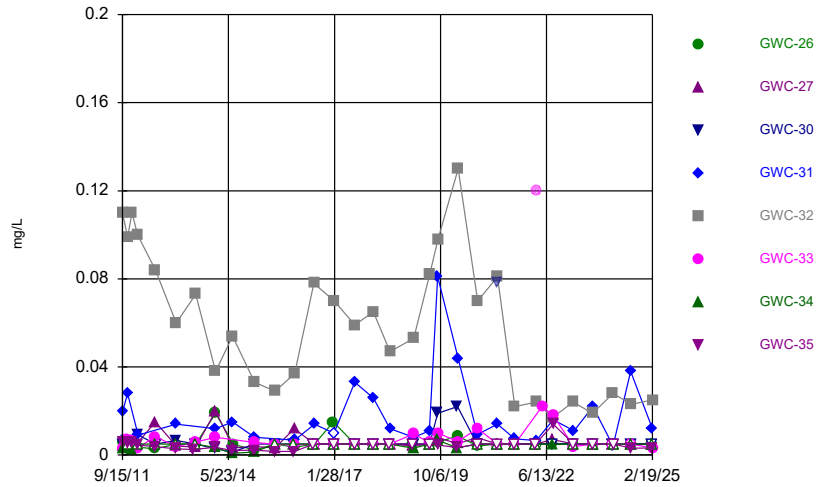
Time Series



Constituent: Zinc Analysis Run 7/30/2025 1:42 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 7/30/2025 1:42 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.002	<0.002			<0.002	<0.002	
9/7/2011									<0.002
9/16/2011	<0.002				<0.002				
9/17/2011		<0.002				<0.002			
10/27/2011	<0.002	<0.002		<0.002			<0.002		
10/28/2011					<0.002	<0.002			
10/30/2011								<0.002	<0.002
12/5/2011							<0.002	<0.002	<0.002
12/12/2011					<0.002	<0.002			
12/13/2011	<0.002								
12/14/2011		<0.002		<0.002					
1/25/2012					<0.002		<0.002	<0.002	<0.002
1/31/2012	<0.002					<0.002			
2/1/2012				<0.002					
2/7/2012		<0.002							
7/16/2012					<0.002				
7/17/2012						<0.002			
7/18/2012	<0.002						<0.002		<0.002
7/23/2012		<0.002		<0.002					
7/24/2012								<0.002	
1/7/2013									<0.002
1/8/2013								<0.002	
1/9/2013							<0.002		
1/23/2013		<0.002		<0.002					
1/24/2013	<0.002				<0.002	<0.002			
7/9/2013								<0.002	<0.002
7/17/2013	<0.002			<0.002			<0.002		
7/23/2013					<0.002				
7/24/2013		<0.002				<0.002			
1/14/2014									<0.002
1/15/2014				<0.002			<0.002	<0.002	
1/21/2014	<0.002								
1/22/2014		<0.002			<0.002	<0.002			
6/24/2014									<0.002
6/25/2014	<0.002		<0.002	<0.002			<0.002	<0.002	
7/1/2014		<0.002			<0.002				
7/8/2014						<0.002			
1/13/2015							<0.002		
1/14/2015	<0.002			<0.002					
1/20/2015								<0.002	<0.002
1/21/2015					<0.002	<0.002			
1/22/2015		<0.002							
7/21/2015	<0.002		<0.002	<0.002	<0.002				
7/22/2015		<0.002				<0.002			
7/24/2015							<0.002	<0.002	
7/27/2015									<0.002
1/19/2016						<0.002			
1/20/2016		<0.002		<0.002			0.0024 (J)	<0.002	
1/21/2016	<0.002								
1/22/2016					<0.002				
1/26/2016									<0.002
3/22/2016					<0.002	0.00113 (J)			

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.002	0.00069 (J)		<0.002					
3/28/2016							<0.002	<0.002	
3/29/2016									<0.002
3/31/2016			0.000602 (J)						
5/19/2016				<0.002		0.00103 (J)			
5/20/2016	<0.002								
5/23/2016					0.00103 (J)		<0.002		
5/24/2016		<0.002						<0.002	<0.002
5/25/2016			0.000642 (J)						
7/21/2016	<0.002			<0.002		0.0013 (J)	<0.002	<0.002	
7/22/2016									<0.002
7/25/2016					0.0021 (J)				
7/26/2016		0.0021 (J)							
7/27/2016			<0.002						
9/14/2016				<0.002					
9/15/2016	<0.002				0.0012 (J)		<0.002	<0.002	<0.002
9/16/2016		<0.002							
11/9/2016					<0.002				
11/10/2016		<0.002		<0.002					
11/11/2016	<0.002								
11/15/2016							<0.002		
11/16/2016								<0.002	<0.002
1/17/2017				<0.002	<0.002	<0.002			
1/19/2017	<0.002	<0.002							
1/26/2017							<0.002	<0.002	<0.002
3/15/2017						<0.002			
3/16/2017	<0.002			<0.002	<0.002				
3/17/2017		<0.002							
3/22/2017							<0.002	<0.002	<0.002
4/27/2017				<0.002	<0.002	<0.002			
4/28/2017	<0.002	<0.002							
5/2/2017							<0.002	<0.002	<0.002
7/18/2017						<0.002			
8/1/2017			<0.002		<0.002	<0.002			
8/2/2017		<0.002		<0.002					
8/3/2017	<0.002						<0.002	<0.002	
8/4/2017									<0.002
10/3/2017			<0.002						
1/19/2018	<0.002	<0.002			<0.002	<0.002			
1/22/2018				<0.002					
1/23/2018							<0.002	<0.002	<0.002
6/19/2018	<0.002	<0.002		<0.002	<0.002	<0.002			
6/20/2018			<0.002						
6/25/2018							<0.002	<0.002	<0.002
1/17/2019	<0.002	<0.002		<0.002					
1/18/2019			<0.002			<0.002			
1/21/2019					<0.002				<0.002
1/30/2019							0.0004 (J)	0.00039 (J)	
6/24/2019	<0.002	<0.002		<0.002					
6/25/2019			<0.002		<0.002	<0.002			<0.002
6/26/2019							<0.002	<0.002	
9/9/2019	<0.002								

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.002		<0.002	<0.002	<0.002			<0.002
9/11/2019			<0.002						
9/12/2019							<0.002	<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
3/12/2020									<0.002
3/16/2020							<0.002	<0.002	
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		
9/10/2020		<0.002							
9/11/2020								<0.002	
9/14/2020									<0.002
3/15/2021	<0.002	<0.002	<0.002	<0.002	<0.002	0.00047 (J)			
3/16/2021									<0.002
3/17/2021							<0.002	<0.002	
8/16/2021	<0.002				<0.002				
8/18/2021		<0.002	<0.002	<0.002		<0.002		<0.002	
8/19/2021							<0.002		<0.002
2/28/2022	<0.002								
3/1/2022		<0.002	<0.002	<0.002	<0.002				
3/2/2022						<0.002	<0.002	<0.002	<0.002
8/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
8/11/2022							<0.002	<0.002	<0.002
2/13/2023						<0.002			
2/14/2023	0.00037 (J)	<0.002	<0.002	<0.002	<0.002				
2/20/2023							<0.002	<0.002	
2/21/2023									<0.002
8/8/2023			<0.002			<0.002			
8/9/2023	<0.002	<0.002		<0.002	<0.002				<0.002
8/14/2023							<0.002	<0.002	
2/13/2024	<0.002								
2/14/2024		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	
2/21/2024									<0.002
7/29/2024				<0.002	<0.002				
7/30/2024	<0.002	<0.002				<0.002			
7/31/2024			<0.002				<0.002		
8/1/2024								<0.002	<0.002
2/10/2025				<0.002	<0.002				
2/11/2025	<0.002	<0.002				<0.002			
2/13/2025									<0.002
2/14/2025							<0.002		
2/18/2025								<0.002	

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.002
9/7/2011	<0.002	<0.002							
9/13/2011				<0.002	<0.002	<0.002	<0.002		
9/16/2011								<0.002	
10/26/2011									<0.002
10/27/2011							<0.002	<0.002	
10/28/2011				<0.002	<0.002	<0.002			
10/30/2011	<0.002	<0.002							
12/3/2011							<0.002	<0.002	<0.002
12/4/2011		<0.002		<0.002	<0.002	<0.002			
12/5/2011	<0.002								
1/19/2012	<0.002	<0.002							
1/24/2012					<0.002	<0.002	<0.002		
1/25/2012									<0.002
2/9/2012				<0.002				<0.002	
7/11/2012					<0.002	<0.002	<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002		<0.002					
1/7/2013	<0.002								
1/8/2013		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013								<0.002	<0.002
7/9/2013	<0.002	<0.002		<0.002					
7/10/2013					<0.002	<0.002	<0.002		
1/14/2014	<0.002	<0.002							<0.002
1/15/2014				0.0023 (J)					
1/21/2014					<0.002	<0.002	<0.002	<0.002	
6/24/2014	<0.002	<0.002						<0.002	
6/25/2014				<0.002					<0.002
7/1/2014					<0.002	<0.002	<0.002		
1/13/2015									<0.002
1/14/2015							<0.002	<0.002	
1/20/2015	<0.002	<0.002							
1/21/2015				<0.002	<0.002	<0.002			
7/22/2015							<0.002	<0.002	<0.002
7/27/2015	<0.002	<0.002							
7/28/2015				<0.002	<0.002	<0.002			
1/25/2016			<0.002						
1/26/2016	<0.002	<0.002		<0.002	<0.002				
1/27/2016						<0.002	<0.002	<0.002	<0.002
3/29/2016	<0.002	<0.002		<0.002	<0.002	<0.002			
3/30/2016			<0.002				<0.002	<0.002	<0.002
5/24/2016	<0.002	<0.002							
5/25/2016			0.000703 (J)	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
7/22/2016					<0.002				
7/25/2016		<0.002		<0.002					
7/26/2016	<0.002					<0.002	<0.002	<0.002	
7/27/2016			<0.002						<0.002
9/15/2016					<0.002	<0.002	<0.002		
9/16/2016			<0.002						<0.002
9/19/2016	<0.002	<0.002		<0.002					
9/20/2016								<0.002	
11/16/2016	<0.002	<0.002		<0.002	<0.002				
11/17/2016			<0.002			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.002								
1/31/2017		<0.002		<0.002	<0.002	<0.002			
2/1/2017			<0.002				<0.002	<0.002	<0.002
3/23/2017	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	
3/24/2017			<0.002						<0.002
5/2/2017		<0.002		<0.002					
5/3/2017	<0.002		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
8/4/2017						<0.002		<0.002	
8/7/2017	<0.002	<0.002		<0.002	<0.002		<0.002		<0.002
8/8/2017			<0.002						
1/24/2018	<0.002	<0.002		<0.002	<0.002				
1/25/2018			<0.002			<0.002	<0.002	<0.002	<0.002
6/20/2018				<0.002		<0.002	<0.002	<0.002	<0.002
6/21/2018	<0.002	<0.002	<0.002						
6/26/2018					<0.002				
1/22/2019	<0.002	<0.002				<0.002	<0.002	<0.002	
1/24/2019				<0.002					
1/25/2019					<0.002				<0.002
1/31/2019			0.00048 (J)						
6/25/2019	<0.002	<0.002				<0.002	<0.002	<0.002	<0.002
6/26/2019			<0.002	<0.002	<0.002				
9/10/2019	<0.002								
9/11/2019					<0.002				<0.002
9/12/2019						<0.002	<0.002		
9/16/2019		<0.002		<0.002					
9/17/2019			<0.002					<0.002	
3/12/2020	<0.002					<0.002			
3/16/2020		<0.002		<0.002				<0.002	
3/17/2020			<0.002				<0.002		<0.002
3/18/2020					<0.002				
9/10/2020			<0.002	<0.002	<0.002	0.00064 (J)	<0.002	<0.002	
9/11/2020		<0.002							<0.002
9/14/2020	<0.002								
3/16/2021	<0.002	<0.002			<0.002				
3/17/2021				<0.002		0.00075 (J)	<0.002		<0.002
3/18/2021			<0.002					<0.002	
8/19/2021					<0.002				
8/20/2021	<0.002		<0.002						<0.002
8/23/2021				<0.002		<0.002	<0.002		
8/24/2021								<0.002	
8/25/2021		<0.002							
3/2/2022	<0.002								
3/7/2022				<0.002	<0.002		<0.002	<0.002	
3/8/2022			<0.002			0.0011 (J)			<0.002
3/9/2022		<0.002							
8/11/2022	<0.002								
8/15/2022				<0.002		0.0011 (J)			
8/16/2022		<0.002	<0.002		<0.002		<0.002	<0.002	<0.002
2/15/2023	<0.002	<0.002	<0.002		<0.002				
2/17/2023							<0.002		
2/20/2023									<0.002
2/21/2023				<0.002		<0.002		<0.002	

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/9/2023	<0.002	<0.002							
8/10/2023			0.00073 (J)						
8/14/2023				<0.002	<0.002		<0.002	<0.002	<0.002
8/16/2023						0.00051 (J)			
2/14/2024				<0.002					
2/19/2024		<0.002				0.0027	<0.002		
2/20/2024			<0.002		<0.002				
2/21/2024	<0.002							<0.002	<0.002
3/27/2024						<0.002			
7/30/2024	<0.002								
7/31/2024		<0.002	<0.002						
8/5/2024						<0.002			<0.002
8/6/2024				<0.002	<0.002		<0.002	<0.002	
2/11/2025									<0.002
2/13/2025	<0.002								
2/17/2025					<0.002		<0.002		
2/18/2025		<0.002		<0.002		<0.002		<0.002	
2/19/2025			<0.002						

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.002	<0.002	<0.002						
8/31/2011				<0.002	<0.002				
9/15/2011						<0.002			
9/16/2011							<0.002		
9/17/2011									<0.002
10/26/2011	<0.002	<0.002	<0.002						
10/27/2011				<0.002	<0.002				
10/29/2011						<0.002	<0.002		
10/31/2011									<0.002
12/3/2011	<0.002	<0.002	<0.002						
12/4/2011				<0.002	<0.002				
12/13/2011						<0.002	<0.002		
12/14/2011									<0.002
1/25/2012	<0.002					<0.002			
1/31/2012							<0.002		
2/7/2012									<0.002
2/8/2012			<0.002	<0.002	<0.002				
2/9/2012		<0.002							
7/11/2012	<0.002	<0.002	<0.002	<0.002					
7/17/2012					<0.002				<0.002
7/18/2012						<0.002	<0.002		
1/8/2013	<0.002	<0.002	<0.002	<0.002					
1/9/2013					<0.002				
1/22/2013						<0.002	<0.002		
7/16/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
7/23/2013							<0.002		
7/24/2013									<0.002
1/14/2014	<0.002	<0.002							
1/21/2014			<0.002	<0.002	<0.002	<0.002			
1/22/2014							<0.002		
1/23/2014									<0.002
6/24/2014		<0.002	<0.002	<0.002	<0.002				
6/25/2014	<0.002					<0.002			
7/1/2014							<0.002		
7/8/2014								<0.002	<0.002
1/13/2015		<0.002	<0.002	<0.002	<0.002				
1/14/2015	<0.002					<0.002			
1/21/2015									<0.002
1/22/2015							<0.002		
7/23/2015		<0.002	<0.002	<0.002	<0.002	<0.002			
7/28/2015	<0.002								
7/29/2015							<0.002		
7/30/2015									<0.002
7/31/2015								<0.002	
1/20/2016								<0.002	
1/21/2016							<0.002		<0.002
1/26/2016					<0.002	<0.002			
1/27/2016	<0.002	<0.002	<0.002	<0.002					
3/28/2016									<0.002
3/29/2016							0.000665 (J)		
3/30/2016	<0.002	<0.002	<0.002	<0.002	<0.002			0.00174 (J)	
3/31/2016						<0.002			

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.002						<0.002	0.00163 (J)	0.00151 (J)
5/26/2016		<0.002	<0.002	<0.002	<0.002	<0.002			
7/25/2016		0.0022 (J)	<0.002	<0.002					
7/26/2016					<0.002	0.001 (J)			
7/27/2016	<0.002						<0.002	0.0019 (J)	<0.002
9/16/2016								0.002 (J)	
9/19/2016	<0.002	<0.002	<0.002						<0.002
9/20/2016				<0.002	<0.002	<0.002	<0.002		
11/15/2016									<0.002
11/17/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
11/18/2016							<0.002	0.0011 (J)	
1/24/2017									<0.002
2/1/2017	<0.002	<0.002							
2/2/2017			<0.002	<0.002	<0.002				
2/3/2017						<0.002	<0.002	<0.002	
3/23/2017									<0.002
3/24/2017	<0.002	<0.002	<0.002						
3/28/2017				<0.002	<0.002	<0.002	<0.002		
3/29/2017								<0.002	
5/2/2017									<0.002
5/3/2017	<0.002	<0.002	<0.002			<0.002			
5/4/2017				<0.002	<0.002		<0.002	<0.002	
8/3/2017									<0.002
8/7/2017	<0.002	<0.002	<0.002	<0.002	<0.002				
8/8/2017						<0.002	<0.002	<0.002	
1/25/2018	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
1/26/2018				<0.002	<0.002				
6/20/2018					<0.002	<0.002	<0.002		
6/21/2018		<0.002	<0.002	<0.002					
6/26/2018	<0.002								
6/27/2018								<0.002	<0.002
1/24/2019	<0.002				<0.002	<0.002			<0.002
1/25/2019							<0.002		
1/28/2019		<0.002	<0.002	<0.002					
1/31/2019								0.00048 (J)	
6/25/2019	<0.002			<0.002	<0.002	<0.002			<0.002
6/26/2019			<0.002				<0.002	<0.002	
6/27/2019		<0.002							
9/10/2019						<0.002			
9/11/2019	<0.002	<0.002		<0.002	<0.002			<0.002	<0.002
9/12/2019			<0.002				<0.002		
3/12/2020								<0.002	<0.002
3/17/2020	<0.002	<0.002							
3/18/2020			<0.002	<0.002	<0.002	<0.002	<0.002		
9/10/2020						<0.002	<0.002		
9/14/2020	<0.002	<0.002							<0.002
9/15/2020			<0.002	<0.002	<0.002			<0.002	
3/15/2021						<0.002			
3/16/2021	<0.002	<0.002		<0.002	<0.002				
3/17/2021			<0.002						<0.002
3/18/2021							<0.002	<0.002	
8/19/2021					<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.002								
8/23/2021							<0.002		
8/24/2021		<0.002	<0.002	<0.002					
3/7/2022				<0.002	<0.002				
3/8/2022	<0.002	<0.002	<0.002			<0.002			<0.002
3/9/2022							<0.002		
3/10/2022								<0.002	
8/10/2022									<0.002
8/11/2022	<0.002	<0.002	<0.002						
8/16/2022				<0.002	<0.002		<0.002		
8/17/2022						<0.002			
8/18/2022								<0.002	
2/14/2023						<0.002			
2/16/2023								<0.002	
2/20/2023	<0.002	<0.002							
2/21/2023			<0.002		<0.002		<0.002		<0.002
2/22/2023				0.00052 (J)					
8/9/2023		<0.002	<0.002	<0.002	<0.002				
8/10/2023	<0.002								
8/14/2023						<0.002			
8/15/2023							<0.002		<0.002
8/16/2023								<0.002	
2/14/2024						0.00041 (J)			
2/19/2024					<0.002		<0.002		
2/20/2024	<0.002			0.00064 (J)					
2/21/2024		<0.002	<0.002						<0.002
2/22/2024								0.00037 (J)	
7/30/2024					<0.002		<0.002		
8/1/2024									<0.002
8/2/2024				<0.002					
8/6/2024			<0.002			<0.002		<0.002	
8/7/2024	<0.002	<0.002							
2/11/2025					<0.002	<0.002	<0.002		
2/13/2025	<0.002	<0.002							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.002		<0.002			
9/16/2011						<0.002	<0.002	<0.002
9/17/2011	<0.002	<0.002		<0.002				
10/28/2011			<0.002					
10/29/2011	<0.002	<0.002						
10/30/2011						<0.002		
10/31/2011				<0.002	<0.002		<0.002	<0.002
12/12/2011							<0.002	<0.002
12/13/2011			<0.002		<0.002	<0.002		
12/14/2011	<0.002	<0.002						
1/25/2012		<0.002						
2/1/2012					<0.002	<0.002	<0.002	<0.002
2/7/2012	<0.002			<0.002				
2/8/2012			<0.002					
7/16/2012							<0.002	<0.002
7/17/2012	<0.002	<0.002			<0.002	<0.002		
7/18/2012			<0.002					
1/22/2013							<0.002	<0.002
1/23/2013				<0.002	<0.002	<0.002		
1/24/2013	<0.002	<0.002	<0.002					
7/2/2013								<0.002
7/17/2013						<0.002	<0.002	
7/24/2013	<0.002	<0.002	<0.002		<0.002			
1/21/2014								<0.002
1/23/2014	<0.002	<0.002	0.0014 (J)	<0.002	<0.002	<0.002	<0.002	
6/25/2014							<0.002	<0.002
7/1/2014			<0.002	<0.002	<0.002			
7/8/2014	<0.002	<0.002						
1/14/2015							<0.002	<0.002
1/20/2015			<0.002		<0.002	<0.002		
1/21/2015	<0.002	<0.002		<0.002				
7/28/2015								<0.002
7/29/2015						<0.002	<0.002	
7/30/2015		<0.002	<0.002		<0.002			
7/31/2015	<0.002							
1/19/2016			<0.002					
1/21/2016							<0.002	<0.002
1/22/2016		<0.002						
1/25/2016	<0.002			<0.002	<0.002	<0.002		
3/23/2016		<0.002	<0.002		<0.002	<0.002		
3/24/2016	0.000653 (J)						<0.002	<0.002
3/30/2016				<0.002				
5/20/2016			<0.002					
5/23/2016							<0.002	<0.002
5/24/2016		<0.002			<0.002	<0.002		
5/25/2016	0.000943 (J)			0.00129 (J)				
7/21/2016			<0.002				<0.002	<0.002
7/22/2016					<0.002	<0.002		
7/26/2016	<0.002	0.0013 (J)						
7/27/2016				0.0027				
9/15/2016							<0.002	<0.002
9/16/2016					<0.002	<0.002		

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.002	<0.002						
9/20/2016			0.0012 (J)					
11/11/2016		<0.002						
11/14/2016	<0.002		<0.002					
11/15/2016					<0.002		<0.002	<0.002
11/17/2016						<0.002		
1/19/2017	<0.002							
1/20/2017		0.0014 (J)						
1/24/2017			<0.002					
1/25/2017				<0.002		<0.002	<0.002	
1/26/2017					<0.002			<0.002
3/16/2017	<0.002	<0.002						
3/17/2017			<0.002					
3/22/2017							<0.002	<0.002
3/23/2017				<0.002		<0.002		
3/24/2017					<0.002			
4/28/2017		<0.002						
5/1/2017	<0.002		<0.002			<0.002	<0.002	
5/2/2017				<0.002	<0.002			<0.002
7/19/2017				<0.002				
8/3/2017	<0.002	<0.002			<0.002		<0.002	<0.002
8/4/2017			<0.002	<0.002		<0.002		
1/19/2018		<0.002						
1/22/2018	<0.002							
1/23/2018				<0.002	<0.002	<0.002	<0.002	<0.002
1/24/2018			<0.002					
6/19/2018								<0.002
6/20/2018							<0.002	
6/21/2018			<0.002					
6/26/2018					<0.002	<0.002		
6/27/2018	<0.002	<0.002		<0.002				
1/21/2019								<0.002
1/24/2019	<0.002	<0.002						
1/28/2019							<0.002	
1/30/2019			0.0004 (J)		0.00039 (J)	0.00055 (J)		
1/31/2019				0.00042 (J)				
6/25/2019	<0.002							
6/26/2019		<0.002		<0.002		<0.002	<0.002	<0.002
6/27/2019			<0.002		<0.002			
9/10/2019			<0.002					
9/11/2019				<0.002			<0.002	
9/12/2019	<0.002	<0.002			<0.002	<0.002		<0.002
3/11/2020			<0.002				<0.002	<0.002
3/12/2020		<0.002				<0.002		
3/13/2020	<0.002							
3/17/2020				<0.002				
3/18/2020					<0.002			
9/9/2020		<0.002						
9/10/2020			<0.002					
9/11/2020				<0.002			<0.002	<0.002
9/15/2020	<0.002				<0.002			
9/16/2020						<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				<0.002			<0.002	<0.002
3/17/2021	<0.002				<0.002			
3/18/2021		<0.002	<0.002			<0.002		
8/18/2021								<0.002
8/19/2021	<0.002							
8/23/2021		<0.002	<0.002					
8/24/2021					<0.002	<0.002	<0.002	
8/25/2021				<0.002				
3/2/2022			<0.002				<0.002	<0.002
3/8/2022		0.00064 (J)						
3/9/2022	<0.002				<0.002	<0.002		
3/10/2022				<0.002				
8/10/2022	<0.002	<0.002	<0.002		<0.002		<0.002	
8/15/2022						<0.002		<0.002
8/16/2022				<0.002				
2/14/2023			<0.002					
2/15/2023					<0.002			
2/20/2023		<0.002				<0.002	<0.002	<0.002
2/21/2023	<0.002							
2/22/2023				<0.002				
8/15/2023		<0.002			<0.002	<0.002		
8/16/2023	<0.002		<0.002	<0.002			<0.002	<0.002
2/20/2024	<0.002	<0.002			<0.002	<0.002		
2/21/2024			<0.002	<0.002				
2/22/2024							<0.002	<0.002
7/30/2024		<0.002						
7/31/2024						<0.002		
8/2/2024	<0.002			0.00076 (J)				
8/5/2024			<0.002				<0.002	<0.002
8/6/2024					0.00034 (J)			
2/11/2025		<0.002						
2/13/2025	<0.002		<0.002				<0.002	
2/18/2025				<0.002				<0.002
2/19/2025					<0.002	<0.002		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.001	<0.001			<0.001	<0.001	
9/7/2011									<0.001
9/16/2011	<0.001				<0.001				
9/17/2011		<0.001				<0.001			
10/27/2011	<0.001	<0.001		<0.001			<0.001		
10/28/2011					<0.001	<0.001			
10/30/2011								<0.001	<0.001
12/5/2011							<0.001	<0.001	<0.001
12/12/2011					<0.001	<0.001			
12/13/2011	<0.001								
12/14/2011		<0.001		<0.001					
1/25/2012					<0.001		<0.001	<0.001	<0.001
1/31/2012	<0.001					<0.001			
2/1/2012				<0.001					
2/7/2012		<0.001							
7/16/2012					<0.001				
7/17/2012						<0.001			
7/18/2012	<0.001						<0.001		<0.001
7/23/2012		<0.001		<0.001					
7/24/2012								<0.001	
1/7/2013									<0.001
1/8/2013								<0.001	
1/9/2013							<0.001		
1/23/2013		<0.001		<0.001					
1/24/2013	<0.001				<0.001	<0.001			
7/9/2013								<0.001	<0.001
7/17/2013	<0.001			<0.001			<0.001		
7/23/2013					<0.001				
7/24/2013		<0.001				<0.001			
1/14/2014									<0.001
1/15/2014				<0.001			<0.001	<0.001	
1/21/2014	<0.001								
1/22/2014		<0.001			<0.001	<0.001			
6/24/2014									<0.001
6/25/2014	<0.001		<0.001	<0.001			<0.001	<0.001	
7/1/2014		<0.001			<0.001				
7/8/2014						<0.001			
1/13/2015							<0.001		
1/14/2015	<0.001			<0.001					
1/20/2015								<0.001	<0.001
1/21/2015					<0.001	<0.001			
1/22/2015		<0.001							
7/21/2015	<0.001		<0.001	<0.001	<0.001				
7/22/2015		<0.001				<0.001			
7/24/2015							<0.001	<0.001	
7/27/2015									<0.001
1/19/2016						<0.001			
1/20/2016		<0.001		<0.001			<0.001	<0.001	
1/21/2016	<0.001								
1/22/2016					<0.001				
1/26/2016									<0.001
3/22/2016					<0.001	<0.001			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.001	<0.001		<0.001					
3/28/2016							<0.001	<0.001	
3/29/2016									<0.001
3/31/2016			<0.001						
5/19/2016				<0.001		<0.001			
5/20/2016	<0.001								
5/23/2016					<0.001		<0.001		
5/24/2016		<0.001						<0.001	<0.001
5/25/2016			<0.001						
7/21/2016	<0.001			0.00062 (J)		<0.001	<0.001	<0.001	
7/22/2016									0.00049 (J)
7/25/2016					<0.001				
7/26/2016		<0.001							
7/27/2016			<0.001						
9/14/2016				<0.001					
9/15/2016	<0.001				<0.001		<0.001	<0.001	<0.001
9/16/2016		<0.001							
11/9/2016					<0.001				
11/10/2016		<0.001		<0.001					
11/11/2016	<0.001								
11/15/2016							<0.001		
11/16/2016								<0.001	<0.001
1/17/2017				<0.001	<0.001	<0.001			
1/19/2017	<0.001	<0.001							
1/26/2017							<0.001	<0.001	<0.001
3/15/2017						<0.001			
3/16/2017	<0.001			<0.001	<0.001				
3/17/2017		<0.001							
3/22/2017							<0.001	<0.001	<0.001
4/27/2017				<0.001	<0.001	0.00064 (J)			
4/28/2017	<0.001	<0.001							
5/2/2017							<0.001	<0.001	<0.001
7/18/2017						<0.001			
8/1/2017			<0.001		<0.001	<0.001			
8/2/2017		<0.001		<0.001					
8/3/2017	<0.001						<0.001	<0.001	
8/4/2017									<0.001
10/3/2017			<0.001						
1/19/2018	<0.001	<0.001			<0.001	<0.001			
1/22/2018				0.00068 (J)					
1/23/2018							0.0014	0.00075 (J)	0.0012 (J)
6/19/2018	<0.001	<0.001		0.0011 (J)	0.00078 (J)	0.00095 (J)			
6/20/2018			0.001 (J)						
6/25/2018							<0.001	<0.001	<0.001
1/17/2019	<0.001	<0.001		<0.001					
1/18/2019			<0.001			<0.001			
1/21/2019					<0.001				<0.001
1/30/2019							<0.001	<0.001	
6/24/2019	0.00054 (J)	0.00043 (J)		0.00032 (J)					
6/25/2019			<0.001		<0.001	<0.001			0.00035 (J)
6/26/2019							<0.001	<0.001	
9/9/2019	<0.001								

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.001		<0.001	<0.001	<0.001			<0.001
9/11/2019			<0.001						
9/12/2019							<0.001	<0.001	
3/10/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/12/2020									<0.001
3/16/2020							<0.001	<0.001	
9/9/2020	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		
9/10/2020		<0.001							
9/11/2020								<0.001	
9/14/2020									<0.001
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/16/2021									<0.001
3/17/2021							<0.001	<0.001	
8/16/2021	<0.001				<0.001				
8/18/2021		<0.001	<0.001	<0.001		<0.001		<0.001	
8/19/2021							<0.001		<0.001
2/28/2022	<0.001								
3/1/2022		<0.001	<0.001	<0.001	<0.001				
3/2/2022						<0.001	<0.001	<0.001	<0.001
8/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/11/2022							<0.001	<0.001	<0.001
2/13/2023						<0.001			
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2023							<0.001	<0.001	
2/21/2023									<0.001
8/8/2023			<0.001			<0.001			
8/9/2023	<0.001	<0.001		<0.001	<0.001				<0.001
8/14/2023							<0.001	<0.001	
2/13/2024	0.0011								
2/14/2024		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/21/2024									<0.001
7/29/2024				<0.001	<0.001				
7/30/2024	<0.001	<0.001				<0.001			
7/31/2024			<0.001				<0.001		
8/1/2024								<0.001	<0.001
2/10/2025				<0.001	<0.001				
2/11/2025	<0.001	<0.001				<0.001			
2/13/2025									<0.001
2/14/2025							<0.001		
2/18/2025								<0.001	

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.001
9/7/2011	<0.001	<0.001							
9/13/2011				<0.001	<0.001	<0.001	<0.001		
9/16/2011								<0.001	
10/26/2011									<0.001
10/27/2011							<0.001	<0.001	
10/28/2011				<0.001	<0.001	<0.001			
10/30/2011	<0.001	<0.001							
12/3/2011							<0.001	<0.001	<0.001
12/4/2011		<0.001		<0.001	<0.001	<0.001			
12/5/2011	<0.001								
1/19/2012	<0.001	<0.001							
1/24/2012					<0.001	<0.001	<0.001		
1/25/2012									<0.001
2/9/2012				<0.001				<0.001	
7/11/2012					<0.001	<0.001	<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001		<0.001					
1/7/2013	<0.001								
1/8/2013		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013								<0.001	<0.001
7/9/2013	<0.001	<0.001		<0.001					
7/10/2013					<0.001	<0.001	<0.001		
1/14/2014	<0.001	<0.001							<0.001
1/15/2014				<0.001					
1/21/2014					<0.001	<0.001	<0.001	<0.001	
6/24/2014	<0.001	<0.001						<0.001	
6/25/2014				<0.001					<0.001
7/1/2014					<0.001	<0.001	<0.001		
1/13/2015									<0.001
1/14/2015							<0.001	<0.001	
1/20/2015	<0.001	<0.001							
1/21/2015				<0.001	<0.001	<0.001			
7/22/2015							<0.001	<0.001	<0.001
7/27/2015	<0.001	<0.001							
7/28/2015				<0.001	<0.001	<0.001			
1/25/2016			<0.001						
1/26/2016	<0.001	<0.001		<0.001	<0.001				
1/27/2016						<0.001	<0.001	<0.001	<0.001
3/29/2016	<0.001	<0.001		0.00165 (J)	<0.001	<0.001			
3/30/2016			<0.001				<0.001	<0.001	<0.001
5/24/2016	<0.001	<0.001							
5/25/2016			<0.001	0.00191 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
7/22/2016					0.00047 (J)				
7/25/2016		0.00046 (J)		0.0016					
7/26/2016	<0.001					<0.001	0.00096 (J)	<0.001	
7/27/2016			<0.001						<0.001
9/15/2016					<0.001	<0.001	<0.001		
9/16/2016			<0.001						<0.001
9/19/2016	<0.001	<0.001		0.0021					
9/20/2016								<0.001	
11/16/2016	<0.001	<0.001		0.0012 (J)	<0.001				
11/17/2016			<0.001			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.001								
1/31/2017		0.0011 (J)		0.001 (J)	<0.001	<0.001			
2/1/2017			<0.001				<0.001	<0.001	<0.001
3/23/2017	<0.001	0.00076 (J)		0.00076 (J)	<0.001	0.00067 (J)	<0.001	<0.001	
3/24/2017			<0.001						<0.001
5/2/2017		<0.001		0.0012 (J)					
5/3/2017	<0.001		<0.001		0.0024 (O)	<0.001	<0.001	<0.001	<0.001
8/4/2017						<0.001		<0.001	
8/7/2017	<0.001	0.00052 (J)		0.0018	<0.001		<0.001		<0.001
8/8/2017			<0.001						
10/13/2017				0.0028					
1/24/2018	<0.001	<0.001		0.0011 (J)	<0.001				
1/25/2018			<0.001			<0.001	<0.001	<0.001	<0.001
6/20/2018				0.002		0.0012 (J)	<0.001	<0.001	0.00084 (J)
6/21/2018	0.00052 (J)	0.00095 (J)	<0.001						
6/26/2018					<0.001				
1/22/2019	<0.001	0.00059 (J)				<0.001	0.00041 (J)	<0.001	
1/24/2019				0.00065 (J)					
1/25/2019					<0.001				<0.001
1/31/2019			<0.001						
6/25/2019	0.00045 (J)	0.00086 (J)				<0.001	0.00048 (J)	<0.001	<0.001
6/26/2019			<0.001	0.0015	<0.001				
9/10/2019	0.00043 (J)								
9/11/2019					0.00036 (J)				<0.001
9/12/2019						<0.001	<0.001		
9/16/2019		0.00069 (J)		0.0018					
9/17/2019			<0.001					<0.001	
3/12/2020	0.00049 (J)					<0.001			
3/16/2020		0.00065 (J)		0.0009 (J)				<0.001	
3/17/2020			<0.001				0.00031 (J)		<0.001
3/18/2020					0.00061 (J)				
9/10/2020			<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	
9/11/2020		0.0008 (J)							<0.001
9/14/2020	<0.001								
3/16/2021	<0.001	<0.001			0.00041 (J)				
3/17/2021				0.0012		<0.001	<0.001		<0.001
3/18/2021			<0.001					<0.001	
8/19/2021					<0.001				
8/20/2021	<0.001		<0.001						<0.001
8/23/2021				0.0014		<0.001	<0.001		
8/24/2021								<0.001	
8/25/2021		0.00045 (J)							
3/2/2022	<0.001								
3/7/2022				0.00088 (J)	0.0005 (J)		<0.001	<0.001	
3/8/2022			<0.001			<0.001			<0.001
3/9/2022		<0.001							
8/11/2022	<0.001								
8/15/2022				0.0013		<0.001			
8/16/2022		0.00092 (J)	<0.001		<0.001		<0.001	<0.001	<0.001
2/15/2023	<0.001	<0.001	<0.001		<0.001				
2/17/2023							<0.001		
2/20/2023									<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/21/2023				<0.001		<0.001		<0.001	
8/9/2023	<0.001	<0.001							
8/10/2023			<0.001						
8/14/2023				0.0013	<0.001		0.00088 (J)	<0.001	<0.001
8/16/2023						<0.001			
2/14/2024				0.0012					
2/19/2024		<0.001				<0.001	<0.001		
2/20/2024			<0.001		<0.001				
2/21/2024	<0.001							<0.001	<0.001
7/30/2024	<0.001								
7/31/2024		0.0009 (J)	<0.001						
8/5/2024						<0.001			<0.001
8/6/2024				0.0014	<0.001		<0.001	<0.001	
2/11/2025									<0.001
2/13/2025	<0.001								
2/17/2025					<0.001		<0.001		
2/18/2025		<0.001		0.001		<0.001		<0.001	
2/19/2025			<0.001						

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.001	<0.001	<0.001						
8/31/2011				<0.001	<0.001				
9/15/2011						<0.001			
9/16/2011							<0.001		
9/17/2011									<0.001
10/26/2011	<0.001	<0.001	<0.001						
10/27/2011				<0.001	<0.001				
10/29/2011						<0.001	<0.001		
10/31/2011									<0.001
12/3/2011	<0.001	<0.001	<0.001						
12/4/2011				<0.001	<0.001				
12/13/2011						<0.001	<0.001		
12/14/2011									<0.001
1/25/2012	<0.001					<0.001			
1/31/2012							<0.001		
2/7/2012									<0.001
2/8/2012			<0.001	<0.001	<0.001				
2/9/2012		<0.001							
7/11/2012	<0.001	<0.001	<0.001	<0.001					
7/17/2012					<0.001				<0.001
7/18/2012						<0.001	<0.001		
1/8/2013	<0.001	<0.001	<0.001	<0.001					
1/9/2013					<0.001				
1/22/2013						<0.001	<0.001		
7/16/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/23/2013							<0.001		
7/24/2013									<0.001
1/14/2014	<0.001	<0.001							
1/21/2014			<0.001	<0.001	<0.001	<0.001			
1/22/2014							<0.001		
1/23/2014									<0.001
6/24/2014		<0.001	<0.001	<0.001	<0.001				
6/25/2014	<0.001					<0.001			
7/1/2014							<0.001		
7/8/2014								<0.001	<0.001
1/13/2015		<0.001	<0.001	<0.001	<0.001				
1/14/2015	<0.001					<0.001			
1/21/2015									<0.001
1/22/2015							<0.001		
7/23/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
7/28/2015	<0.001								
7/29/2015							<0.001		
7/30/2015									<0.001
7/31/2015								<0.001	
1/20/2016								<0.001	
1/21/2016							<0.001		<0.001
1/26/2016					<0.001	<0.001			
1/27/2016	<0.001	<0.001	<0.001	<0.001					
3/28/2016									<0.001
3/29/2016							<0.001		
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
3/31/2016						<0.001			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.001						<0.001	<0.001	<0.001
5/26/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
7/25/2016		0.00056 (J)	<0.001	<0.001					
7/26/2016					<0.001	<0.001			
7/27/2016	<0.001						<0.001	<0.001	<0.001
9/16/2016								<0.001	
9/19/2016	<0.001	<0.001	<0.001						<0.001
9/20/2016				<0.001	<0.001	<0.001	<0.001		
11/15/2016									<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/18/2016							<0.001	0.00055 (J)	
1/24/2017									0.00061 (J)
2/1/2017	<0.001	<0.001							
2/2/2017			<0.001	<0.001	<0.001				
2/3/2017						<0.001	<0.001	<0.001	
3/23/2017									<0.001
3/24/2017	<0.001	<0.001	<0.001						
3/28/2017				<0.001	<0.001	<0.001	<0.001		
3/29/2017								<0.001	
5/2/2017									0.00085 (J)
5/3/2017	<0.001	<0.001	<0.001			<0.001			
5/4/2017				<0.001	<0.001		<0.001	<0.001	
8/3/2017									<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
8/8/2017						<0.001	<0.001	<0.001	
1/25/2018	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
1/26/2018				<0.001	<0.001				
6/20/2018					<0.001	0.00073 (J)	0.00086 (J)		
6/21/2018		0.001 (J)	0.0013	0.00049 (J)					
6/26/2018	<0.001								
6/27/2018								<0.001	<0.001
1/24/2019	<0.001				<0.001	<0.001			<0.001
1/25/2019							<0.001		
1/28/2019		<0.001	<0.001	<0.001					
1/31/2019								<0.001	
6/25/2019	0.00038 (J)			<0.001	0.00037 (J)	<0.001			<0.001
6/26/2019			<0.001				<0.001	<0.001	
6/27/2019		<0.001							
9/10/2019						<0.001			
9/11/2019	<0.001	<0.001		<0.001	0.00047 (J)			<0.001	0.00041 (J)
9/12/2019			<0.001				<0.001		
3/12/2020								<0.001	<0.001
3/17/2020	<0.001	<0.001							
3/18/2020			<0.001	<0.001	<0.001	0.00058 (J)	<0.001		
9/10/2020						<0.001	<0.001		
9/14/2020	<0.001	<0.001							<0.001
9/15/2020			<0.001	<0.001	<0.001			<0.001	
3/15/2021						<0.001			
3/16/2021	<0.001	<0.001		0.00039 (J)	<0.001				
3/17/2021			0.00031 (J)						<0.001
3/18/2021							0.00038 (J)	<0.001	
8/19/2021					<0.001	<0.001		<0.001	<0.001

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.001								
8/23/2021							<0.001		
8/24/2021		<0.001	<0.001	<0.001					
3/7/2022				<0.001	<0.001				
3/8/2022	<0.001	<0.001	<0.001			<0.001			<0.001
3/9/2022							<0.001		
3/10/2022								<0.001	
8/10/2022									<0.001
8/11/2022	<0.001	<0.001	<0.001						
8/16/2022				<0.001	<0.001		<0.001		
8/17/2022						<0.001			
8/18/2022								<0.001	
2/14/2023						<0.001			
2/16/2023								<0.001	
2/20/2023	<0.001	<0.001							
2/21/2023			<0.001		<0.001		<0.001		<0.001
2/22/2023				<0.001					
8/9/2023		<0.001	<0.001	<0.001	<0.001				
8/10/2023	<0.001								
8/14/2023						<0.001			
8/15/2023							<0.001		<0.001
8/16/2023								<0.001	
2/14/2024						<0.001			
2/19/2024					<0.001		<0.001		
2/20/2024	<0.001			<0.001					
2/21/2024		<0.001	<0.001						<0.001
2/22/2024								<0.001	
7/30/2024					<0.001		<0.001		
8/1/2024									<0.001
8/2/2024				<0.001					
8/6/2024			<0.001			<0.001		<0.001	
8/7/2024	0.001	<0.001							
2/11/2025					<0.001	<0.001	<0.001		
2/13/2025	<0.001	<0.001							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.001		<0.001			
9/16/2011						<0.001	<0.001	<0.001
9/17/2011	<0.001	<0.001		<0.001				
10/28/2011			<0.001					
10/29/2011	<0.001	<0.001						
10/30/2011						<0.001		
10/31/2011				<0.001	<0.001		<0.001	<0.001
12/12/2011							<0.001	<0.001
12/13/2011			<0.001		<0.001	<0.001		
12/14/2011	<0.001	<0.001						
1/25/2012		<0.001						
2/1/2012					<0.001	<0.001	<0.001	<0.001
2/7/2012	<0.001			<0.001				
2/8/2012			<0.001					
7/16/2012							<0.001	<0.001
7/17/2012	<0.001	<0.001			<0.001	<0.001		
7/18/2012			<0.001					
1/22/2013							<0.001	<0.001
1/23/2013				<0.001	<0.001	<0.001		
1/24/2013	<0.001	<0.001	<0.001					
7/2/2013								<0.001
7/17/2013						<0.001	<0.001	
7/24/2013	<0.001	<0.001	<0.001		<0.001			
1/21/2014								<0.001
1/23/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
6/25/2014							<0.001	<0.001
7/1/2014			<0.001	<0.001	<0.001			
7/8/2014	<0.001	<0.001						
1/14/2015							<0.001	<0.001
1/20/2015			<0.001		<0.001	<0.001		
1/21/2015	<0.001	<0.001		<0.001				
7/28/2015								<0.001
7/29/2015						<0.001	<0.001	
7/30/2015		<0.001	<0.001		<0.001			
7/31/2015	<0.001							
1/19/2016			<0.001					
1/21/2016							<0.001	<0.001
1/22/2016		<0.001						
1/25/2016	<0.001			<0.001	<0.001	<0.001		
3/23/2016		<0.001	<0.001		<0.001	<0.001		
3/24/2016	<0.001						<0.001	<0.001
3/30/2016				<0.001				
5/20/2016			<0.001					
5/23/2016							<0.001	<0.001
5/24/2016		<0.001			<0.001	<0.001		
5/25/2016	<0.001			<0.001				
7/21/2016			<0.001				<0.001	<0.001
7/22/2016					<0.001	<0.001		
7/26/2016	<0.001	<0.001						
7/27/2016				0.00055 (J)				
9/15/2016							<0.001	<0.001
9/16/2016					<0.001	<0.001		

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.001	<0.001						
9/20/2016			<0.001					
11/11/2016		<0.001						
11/14/2016	<0.001		<0.001					
11/15/2016					<0.001		<0.001	<0.001
11/17/2016						<0.001		
1/19/2017	<0.001							
1/20/2017		<0.001						
1/24/2017			<0.001					
1/25/2017				<0.001		<0.001	<0.001	
1/26/2017					<0.001			<0.001
3/16/2017	<0.001	<0.001						
3/17/2017			<0.001					
3/22/2017							<0.001	<0.001
3/23/2017				<0.001		<0.001		
3/24/2017					<0.001			
4/28/2017		<0.001						
5/1/2017	<0.001		<0.001			<0.001	<0.001	
5/2/2017				<0.001	<0.001			<0.001
7/19/2017				0.00055 (J)				
8/3/2017	<0.001	<0.001			<0.001		<0.001	<0.001
8/4/2017			<0.001	<0.001		<0.001		
1/19/2018		<0.001						
1/22/2018	0.00054 (J)							
1/23/2018				0.0012 (J)	0.00078 (J)	0.0013	0.0012 (J)	0.001 (J)
1/24/2018			<0.001					
6/19/2018								<0.001
6/20/2018							0.001 (J)	
6/21/2018			<0.001					
6/26/2018					<0.001	<0.001		
6/27/2018	<0.001	<0.001		<0.001				
1/21/2019								<0.001
1/24/2019	<0.001	<0.001						
1/28/2019							<0.001	
1/30/2019			<0.001		<0.001	<0.001		
1/31/2019				<0.001				
6/25/2019	<0.001							
6/26/2019		<0.001		<0.001		<0.001	<0.001	<0.001
6/27/2019			<0.001		<0.001			
9/10/2019			<0.001					
9/11/2019				0.00032 (J)			<0.001	
9/12/2019	<0.001	<0.001			0.00034 (J)	<0.001		<0.001
3/11/2020			<0.001				<0.001	<0.001
3/12/2020		<0.001				<0.001		
3/13/2020	<0.001							
3/17/2020				<0.001				
3/18/2020					<0.001			
9/9/2020		<0.001						
9/10/2020			<0.001					
9/11/2020				<0.001			<0.001	<0.001
9/15/2020	<0.001				<0.001			
9/16/2020						<0.001		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				<0.001			<0.001	<0.001
3/17/2021	<0.001				<0.001			
3/18/2021		<0.001	<0.001			<0.001		
8/18/2021								<0.001
8/19/2021	<0.001							
8/23/2021		<0.001	<0.001					
8/24/2021					<0.001	<0.001	<0.001	
8/25/2021				<0.001				
3/2/2022			<0.001				<0.001	<0.001
3/8/2022		<0.001						
3/9/2022	<0.001				<0.001	<0.001		
3/10/2022				<0.001				
8/10/2022	<0.001	<0.001	<0.001		<0.001		<0.001	
8/15/2022						<0.001		<0.001
8/16/2022				<0.001				
2/14/2023			<0.001					
2/15/2023					<0.001			
2/20/2023		<0.001				<0.001	<0.001	<0.001
2/21/2023	<0.001							
2/22/2023				<0.001				
8/15/2023		<0.001			<0.001	<0.001		
8/16/2023	<0.001		<0.001	<0.001			<0.001	<0.001
2/20/2024	<0.001	<0.001			<0.001	<0.001		
2/21/2024			<0.001	<0.001				
2/22/2024							<0.001	<0.001
7/30/2024		<0.001						
7/31/2024						<0.001		
8/2/2024	<0.001			0.0011				
8/5/2024			<0.001				<0.001	<0.001
8/6/2024					<0.001			
2/11/2025		<0.001						
2/13/2025	<0.001		<0.001				<0.001	
2/18/2025				<0.001				<0.001
2/19/2025					<0.001	<0.001		

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			0.1	0.092			0.024	0.064	
9/7/2011									0.06
9/16/2011	0.013				0.0022				
9/17/2011		0.011				0.0016			
10/27/2011	0.012	0.013		0.061			0.026		
10/28/2011					0.0016	0.0015			
10/30/2011								0.06	0.053
12/5/2011							0.024	0.061	0.059
12/12/2011					0.0018	0.0013			
12/13/2011	0.012								
12/14/2011		0.01		0.1					
1/25/2012					<0.01		0.028	0.064	0.068
1/31/2012	0.011					<0.01			
2/1/2012				0.087					
2/7/2012		0.014							
7/16/2012					0.0011				
7/17/2012						0.0016			
7/18/2012	0.012						0.026		0.098
7/23/2012		0.014		0.13					
7/24/2012								0.054	
1/7/2013									0.13
1/8/2013								0.063	
1/9/2013							0.029		
1/23/2013		0.02		0.11					
1/24/2013	0.012				<0.01	0.0013			
7/9/2013								0.051	0.13
7/17/2013	0.0097			0.087			0.022		
7/23/2013					<0.01				
7/24/2013		0.016				0.0022			
1/14/2014									0.14
1/15/2014				0.081			0.023	0.06	
1/21/2014	0.0096								
1/22/2014		0.017			0.0013	0.0012 (J)			
6/24/2014									0.13
6/25/2014	0.0094		0.048	0.081			0.02	0.045	
7/1/2014		0.015			0.0012 (J)				
7/8/2014						0.0013			
1/13/2015							0.023		
1/14/2015	0.0095			0.13					
1/20/2015								0.048	0.13
1/21/2015					0.00042 (J)	0.0015			
1/22/2015		0.019							
7/21/2015	0.0099		0.036	0.11	0.00055 (J)				
7/22/2015		0.014				0.0014			
7/24/2015							0.018	0.051	
7/27/2015									0.11
1/19/2016						0.00092 (J)			
1/20/2016		0.016		0.086			0.027	0.051	
1/21/2016	0.011								
1/22/2016					0.00037 (J)				
1/26/2016									0.11
3/22/2016					<0.01	<0.01			

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	0.00968 (J)	0.00773 (J)		0.112					
3/28/2016							0.0207	0.0506	
3/29/2016									0.109
3/31/2016			0.027						
5/19/2016				0.11		0.00265 (J)			
5/20/2016	0.0096 (J)								
5/23/2016					<0.01		0.0191		
5/24/2016		0.00761 (J)						0.052	0.0996
5/25/2016			0.027						
7/21/2016	0.0087			0.14		0.0038	0.018	0.049	
7/22/2016									0.089
7/25/2016					0.001 (J)				
7/26/2016		0.0078							
7/27/2016			0.029						
9/14/2016				0.15					
9/15/2016	0.0086				0.00092 (J)		0.037	0.062	0.097
9/16/2016		0.017							
11/9/2016					0.0016 (J)				
11/10/2016		0.016		0.17					
11/11/2016	0.0095								
11/15/2016							0.024		
11/16/2016								0.062	0.11
1/17/2017				0.18	<0.01	0.0011 (J)			
1/19/2017	0.0087	0.02							
1/26/2017							0.025	0.062	0.097
3/15/2017						0.00085 (J)			
3/16/2017	0.01			0.15	0.00055 (J)				
3/17/2017		0.016							
3/22/2017							0.02	0.048	0.083
4/27/2017				0.13	<0.01	0.00097 (J)			
4/28/2017	0.0091	0.016							
5/2/2017							0.02	0.043	0.088
7/18/2017						0.0016 (J)			
8/1/2017			0.03		0.00059 (J)	0.0011 (J)			
8/2/2017		0.014		0.15					
8/3/2017	0.0099						0.025	0.049	
8/4/2017									0.088
10/3/2017			0.038						
1/19/2018	0.0089	0.014			<0.01	0.00076 (J)			
1/22/2018				0.15					
1/23/2018							0.027	0.05	0.094
6/19/2018	0.012	0.015		0.13	<0.01	0.00078 (J)			
6/20/2018			0.029						
6/25/2018							0.02	0.053	0.078
1/17/2019	0.01	0.01		0.12					
1/18/2019			0.033			0.0007 (J)			
1/21/2019					0.00088				0.083
1/30/2019							0.016	0.054	
6/24/2019	0.0096 (J)	0.011		0.12					
6/25/2019			0.082		<0.01	<0.01			0.075
6/26/2019							0.02	0.045	
9/9/2019	0.012								

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		0.015		0.16	0.0022 (J)	0.0033 (J)			0.086
9/11/2019			0.094						
9/12/2019							0.03	0.074	
3/10/2020	0.01	0.01	0.079	0.14	0.0018 (J)	<0.01			
3/12/2020									0.072
3/16/2020							0.023	0.045	
9/9/2020	0.01		0.088	0.12	<0.01	<0.01	0.024		
9/10/2020		0.012							
9/11/2020								0.064	
9/14/2020									0.074
3/15/2021	0.01	0.011	0.1	0.13	<0.01	<0.01			
3/16/2021									0.066
3/17/2021							0.021	0.059	
8/16/2021	0.01				<0.01				
8/18/2021		0.014	0.092	0.12		<0.01		0.061	
8/19/2021							0.025		0.069
2/28/2022	0.01								
3/1/2022		0.012	0.078	0.12	<0.01				
3/2/2022						<0.01	0.024	0.054	0.071
8/9/2022	0.012	0.015	0.098	0.12	<0.01	0.0011 (J)			
8/11/2022							0.023	0.066	0.062
2/13/2023						<0.01			
2/14/2023	0.011	0.011	0.075	0.12	0.001 (J)				
2/20/2023							0.026	0.059	
2/21/2023									0.071
8/8/2023			0.11			0.00089 (J)			
8/9/2023	0.011	0.014		0.14	0.01				0.066
8/14/2023							0.025	0.06	
2/13/2024	0.012								
2/14/2024		0.014		0.19	<0.01	<0.01	0.032	0.06	
2/21/2024									0.066
7/29/2024				0.15	<0.01				
7/30/2024	0.011	0.014				<0.01			
7/31/2024			0.066				0.03		
8/1/2024								0.074	0.07
2/10/2025				0.16	0.0027 (J)				
2/11/2025	0.011	0.021				<0.01			
2/13/2025									0.062
2/14/2025							0.039		
2/18/2025								0.064	

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									0.018
9/7/2011	0.088	0.13							
9/13/2011				0.2	0.013	0.0043	0.01		
9/16/2011								0.0061	
10/26/2011									0.017
10/27/2011							0.019	0.0068	
10/28/2011				0.27	0.0092	0.0041			
10/30/2011	0.092	0.02							
12/3/2011							0.011	0.0067	0.018
12/4/2011		0.11		0.22	0.0089	0.0037			
12/5/2011	0.11								
1/19/2012	0.084	0.15							
1/24/2012					0.0099	0.0042	0.015		
1/25/2012									0.017
2/9/2012				0.19				0.0066	
7/11/2012					0.0099	0.0038	0.01	0.0064	0.017
7/18/2012	0.11	0.11		0.36					
1/7/2013	0.095								
1/8/2013		0.14		0.2	0.012	0.0034	0.013	0.0075	0.019
7/2/2013								0.011	0.017
7/9/2013	0.085	0.13		0.26					
7/10/2013					0.014	0.0035	0.014		
1/14/2014	0.066	0.099							0.017
1/15/2014				0.21					
1/21/2014					0.014	0.0037	0.021	0.012	
6/24/2014	0.078	0.2						0.0094	
6/25/2014				0.44					0.017
7/1/2014					0.014	0.0035	0.014		
1/13/2015									0.017
1/14/2015							0.033	0.01	
1/20/2015	0.053	0.12							
1/21/2015				0.31	0.016	0.0031			
7/22/2015							0.072	0.0084	0.017
7/27/2015	0.055	0.17							
7/28/2015				0.38	0.013	0.0039			
1/25/2016			0.014						
1/26/2016	0.044	0.088		0.15	0.014				
1/27/2016						0.0026	0.083	0.012	0.016
3/29/2016	0.05	0.11		0.372	0.0179	0.00337 (J)			
3/30/2016			0.0127				0.0943	0.0136	0.0174
5/24/2016	0.051	0.17							
5/25/2016			0.014	0.396	0.0173	0.0028 (J)	0.117	0.00957 (J)	0.0173
7/22/2016					0.017				
7/25/2016		0.17		0.25					
7/26/2016	0.044					0.0023 (J)	0.11	0.0068	
7/27/2016			0.03						0.016
9/15/2016					0.017	0.0026	0.16		
9/16/2016			0.017						0.016
9/19/2016	0.043	0.18		0.33					
9/20/2016								0.007	
11/16/2016	0.053	0.18		0.29	0.018				
11/17/2016			0.028			0.0027	0.27	0.0072	0.017

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	0.043								
1/31/2017		0.1		0.19	0.022	0.0029			
2/1/2017			0.023				0.088	0.009	0.018
3/23/2017	0.053	0.12		0.24	0.019	0.0032	0.11	0.011	
3/24/2017			0.012						0.017
5/2/2017		0.11		0.34					
5/3/2017	0.047		0.024		0.02	0.0028	0.1	0.0092	0.017
8/4/2017						0.0032		0.01	
8/7/2017	0.048	0.17		0.4	0.021		0.23		0.017
8/8/2017			0.014						
1/24/2018	0.038	0.14		0.27	0.022				
1/25/2018			0.025			0.0037	0.1	0.01	0.016
6/20/2018				0.31		0.0035	0.25	0.011	0.017
6/21/2018	0.058	0.16	0.023						
6/26/2018					0.021				
1/22/2019	0.04	0.11				0.0029	0.15	0.012	
1/24/2019				0.09					
1/25/2019					0.024				0.019
1/31/2019			0.025						
6/25/2019	0.06	0.18				0.0069 (J)	0.16	0.0096 (J)	0.018
6/26/2019			0.02	0.26	0.02				
9/10/2019	0.066								
9/11/2019					0.022				0.02
9/12/2019						0.0054 (J)	0.32		
9/16/2019		0.18		0.35					
9/17/2019			0.026					0.0072 (J)	
3/12/2020	0.031					0.0026 (J)			
3/16/2020		0.079		0.066				0.012	
3/17/2020			0.025				0.23		0.019
3/18/2020					0.023				
9/10/2020			0.029	0.27	0.025	0.0041 (J)	0.24	0.0076 (J)	
9/11/2020		0.15							0.018
9/14/2020	0.052								
3/16/2021	0.037	0.099			0.026				
3/17/2021				0.26		0.0039 (J)	0.26		0.017
3/18/2021			0.013					0.011	
8/19/2021					0.023				
8/20/2021	0.044		0.017						0.018
8/23/2021				0.23		0.0031 (J)	0.17		
8/24/2021								0.0075 (J)	
8/25/2021		0.14							
3/2/2022	0.037								
3/7/2022				0.16	0.025		0.23	0.011	
3/8/2022			0.013			0.0034 (J)			0.018
3/9/2022		0.094							
8/11/2022	0.037								
8/15/2022				0.22		0.0042 (J)			
8/16/2022		0.16	0.011		0.025		0.24	0.0076 (J)	0.018
2/15/2023	0.027	0.076	0.017		0.029				
2/17/2023							0.17		
2/20/2023									0.018
2/21/2023				0.076		0.0033 (J)		0.011	

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/9/2023	0.041	0.15							
8/10/2023			0.017						
8/14/2023				0.19	0.025		0.14	0.0079 (J)	0.018
8/16/2023						0.0041 (J)			
2/14/2024				0.16					
2/19/2024		0.072				0.0078 (J)	0.23		
2/20/2024			0.018		0.027				
2/21/2024	0.029							0.0095 (J)	0.02
7/30/2024	0.036								
7/31/2024		0.11	0.02						
8/5/2024						0.0033 (J)			0.019
8/6/2024				0.21	0.028		0.23	0.0077 (J)	
2/11/2025									0.022
2/13/2025	0.036								
2/17/2025					0.03		0.15		
2/18/2025		0.07		0.2		0.0038 (J)		0.01	
2/19/2025			0.026						

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	0.021	0.033	0.037						
8/31/2011				0.038	0.015				
9/15/2011						0.025			
9/16/2011							0.011		
9/17/2011									0.016
10/26/2011	0.014	0.028	0.037						
10/27/2011				0.034	0.01				
10/29/2011						0.024	0.0075		
10/31/2011									0.013
12/3/2011	0.015	0.03	0.037						
12/4/2011				0.033	0.011				
12/13/2011						0.027	0.011		
12/14/2011									0.018
1/25/2012	0.014					0.029			
1/31/2012							0.009		
2/7/2012									0.033
2/8/2012			0.048	0.037	0.013				
2/9/2012		0.029							
7/11/2012	0.015	0.03	0.035	0.035					
7/17/2012					0.013				0.025
7/18/2012						0.027	0.0076		
1/8/2013	0.017	0.036	0.059	0.034					
1/9/2013					0.013				
1/22/2013						0.029	0.0078		
7/16/2013	0.013	0.034	0.069	0.034	0.023	0.025			
7/23/2013							0.0075		
7/24/2013									0.043
1/14/2014	0.015	0.037							
1/21/2014			0.075	0.035	0.026	0.027			
1/22/2014							0.004		
1/23/2014									0.025
6/24/2014		0.032	0.066	0.034	0.027				
6/25/2014	0.016					0.025			
7/1/2014							0.0066		
7/8/2014								0.022	0.046
1/13/2015		0.034	0.076	0.031	0.024				
1/14/2015	0.017					0.025			
1/21/2015									0.023
1/22/2015							0.0067		
7/23/2015		0.03	0.05	0.036	0.024	0.025			
7/28/2015	0.016								
7/29/2015							0.0064		
7/30/2015									0.022
7/31/2015								0.02	
1/20/2016								0.026	
1/21/2016							0.0055		0.028
1/26/2016					0.026	0.023			
1/27/2016	0.016	0.032	0.092	0.03					
3/28/2016									0.0383
3/29/2016							0.0114		
3/30/2016	0.0178	0.0349	0.0986	0.0344	0.0293			0.00874 (J)	
3/31/2016						0.0249			

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	0.0169						0.00579 (J)	0.00545 (J)	0.0439
5/26/2016		0.0323	0.0687	0.0336	0.0237	0.0235			
7/25/2016		0.031	0.047	0.03					
7/26/2016					0.016	0.021			
7/27/2016	0.016						0.0043	0.0047	0.037
9/16/2016								0.018	
9/19/2016	0.016	0.028	0.039						0.041
9/20/2016				0.035	0.014	0.026	0.0056		
11/15/2016									0.033
11/17/2016	0.017	0.033	0.046	0.034	0.012	0.025			
11/18/2016							0.0043	0.022	
1/24/2017									0.04
2/1/2017	0.017	0.037							
2/2/2017			0.085	0.035	0.014				
2/3/2017						0.027	0.005	0.02	
3/23/2017									0.032
3/24/2017	0.016	0.037	0.079						
3/28/2017				0.031	0.021	0.024	0.0041		
3/29/2017								0.02	
5/2/2017									0.041
5/3/2017	0.016	0.034	0.1			0.025			
5/4/2017				0.035	0.02		0.0063	0.023	
8/3/2017									0.012
8/7/2017	0.017	0.035	0.06	0.033	0.027				
8/8/2017						0.025	0.006	0.026	
1/25/2018	0.015	0.033	0.094			0.027	0.0048	0.021	0.036
1/26/2018				0.038	0.032				
6/20/2018					0.033	0.026	0.0047		
6/21/2018		0.033	0.09	0.031					
6/26/2018	0.017								
6/27/2018								0.011	0.036
1/24/2019	0.016				0.046	0.026			0.03
1/25/2019							0.0069		
1/28/2019		0.037	0.12	0.033					
1/31/2019								0.011	
6/25/2019	0.017			0.034	0.046	0.026			0.032
6/26/2019			0.077				0.0041 (J)	0.0093 (J)	
6/27/2019		0.035							
9/10/2019						0.027			
9/11/2019	0.018	0.04		0.035	0.028			0.02	0.056
9/12/2019			0.058				0.0053 (J)		
3/12/2020								0.0082 (J)	0.03
3/17/2020	0.017	0.039							
3/18/2020			0.13	0.031	0.056	0.025	0.0055 (J)		
9/10/2020						0.024	0.0059 (J)		
9/14/2020	0.016	0.041							0.04
9/15/2020			0.067	0.035	0.045			0.011	
3/15/2021						0.025			
3/16/2021	0.015	0.038		0.032	0.061				
3/17/2021			0.12						0.029
3/18/2021							0.005 (J)	0.0099 (J)	
8/19/2021					0.062	0.024		0.013	0.03

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	0.016								
8/23/2021							0.0053 (J)		
8/24/2021		0.04	0.07	0.032					
3/7/2022				0.032	0.063				
3/8/2022	0.016	0.04	0.12			0.026			0.023
3/9/2022							0.0041 (J)		
3/10/2022								0.0095 (J)	
8/10/2022									0.031
8/11/2022	0.017	0.036	0.054						
8/16/2022				0.031	0.042		0.0049 (J)		
8/17/2022						0.022			
8/18/2022								0.014	
2/14/2023						0.024			
2/16/2023								0.013	
2/20/2023	0.025	0.043							
2/21/2023			0.15		0.052		0.005 (J)		0.026
2/22/2023				0.032					
8/9/2023		0.045	0.062	0.035	0.052				
8/10/2023	0.019								
8/14/2023						0.024			
8/15/2023							0.0047 (J)		0.034
8/16/2023								0.011	
2/14/2024						0.027			
2/19/2024					0.049		0.0047 (J)		
2/20/2024	0.027			0.037					
2/21/2024		0.045	0.15						0.026
2/22/2024								0.022	
7/30/2024					0.043		0.0052 (J)		
8/1/2024									0.031
8/2/2024				0.039					
8/6/2024			0.064			0.025		0.022	
8/7/2024	0.023	0.046							
2/11/2025					0.052	0.026	0.0053 (J)		
2/13/2025	0.022	0.045							
2/14/2025			0.12	0.04				0.025	0.024

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			0.0074		0.0043			
9/16/2011						0.0049	0.01	0.019
9/17/2011	0.038	0.02		0.01				
10/28/2011			0.0074					
10/29/2011	0.036	0.015						
10/30/2011						0.0085		
10/31/2011				0.0068	0.0035		0.0089	0.018
12/12/2011							0.011	0.02
12/13/2011			0.0075		0.0036	0.0073		
12/14/2011	0.035	0.016						
1/25/2012		0.016						
2/1/2012					0.0037	0.0077	0.011	0.02
2/7/2012	0.04			0.0016				
2/8/2012			0.0075					
7/16/2012							0.011	0.02
7/17/2012	0.033	0.0057			0.0038	0.012		
7/18/2012			0.0068					
1/22/2013							0.011	0.021
1/23/2013				0.0038	0.003	0.012		
1/24/2013	0.034	0.0062	0.0083					
7/2/2013								0.019
7/17/2013						0.012	0.011	
7/24/2013	0.036	0.01	0.006		0.0019			
1/21/2014								0.02
1/23/2014	0.031	0.013	0.0051	0.0045	0.0012 (J)	0.0099	0.0097	
6/25/2014							0.011	0.019
7/1/2014			0.0061	0.0048	0.0014			
7/8/2014	0.031	0.014						
1/14/2015							0.011	0.019
1/20/2015			0.0061		0.0012 (J)	0.011		
1/21/2015	0.031	0.015		0.0022				
7/28/2015								0.019
7/29/2015						0.0095	0.011	
7/30/2015		0.0092	0.0059		0.0011 (J)			
7/31/2015	0.017							
1/19/2016			0.0075					
1/21/2016							0.012	0.021
1/22/2016		0.0063						
1/25/2016	0.03			0.002	0.001 (J)	0.009		
3/23/2016		0.0107	0.00731 (J)		<0.01	0.00902 (J)		
3/24/2016	0.0362						0.0132	0.0206
3/30/2016				0.00491 (J)				
5/20/2016			0.00703 (J)					
5/23/2016							0.0119	0.0221
5/24/2016		0.00672 (J)			<0.01	0.00573 (J)		
5/25/2016	0.0348			0.00502 (J)				
7/21/2016			0.0067				0.011	0.019
7/22/2016					0.0014 (J)	0.01		
7/26/2016	0.028	0.0085						
7/27/2016				0.0033				
9/15/2016							0.012	0.02
9/16/2016					0.0018 (J)	0.0061		

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	0.029	0.008						
9/20/2016			0.007					
11/11/2016		0.017						
11/14/2016	0.036		0.007					
11/15/2016					0.0014 (J)		0.011	0.02
11/17/2016						0.014		
1/19/2017	0.034							
1/20/2017		0.013						
1/24/2017			0.0075					
1/25/2017				0.0051		<0.0025	0.011	
1/26/2017					0.003			0.021
3/16/2017	0.035	0.0096						
3/17/2017			0.0071					
3/22/2017							0.01	0.019
3/23/2017				0.0024 (J)		0.0096		
3/24/2017					0.0021 (J)			
4/28/2017		0.0097						
5/1/2017	0.03		0.0057			0.0057	0.012	
5/2/2017				0.0026	0.0025			0.02
7/19/2017				0.004				
8/3/2017	0.032	0.015			0.0022 (J)		0.031 (O)	0.02
8/4/2017			0.0072	0.0033		0.0062		
1/19/2018		0.013						
1/22/2018	0.031							
1/23/2018				0.0025	0.0027	0.0047	0.011	0.019
1/24/2018			0.0084					
6/19/2018								0.02
6/20/2018							0.012	
6/21/2018			0.011					
6/26/2018					0.0014 (J)	0.0067		
6/27/2018	0.033	0.015		0.0016 (J)				
1/21/2019								0.022
1/24/2019	0.036	0.009						
1/28/2019							0.013	
1/30/2019			0.013		0.0017 (J)	0.021		
1/31/2019				0.0016 (J)				
6/25/2019	0.038							
6/26/2019		0.017		<0.01		0.0057 (J)	0.011	0.021
6/27/2019			0.0071 (J)		<0.01			
9/10/2019			0.0098 (J)					
9/11/2019				0.0055 (J)			0.014	
9/12/2019	0.039	0.012			0.002 (J)	0.009 (J)		0.02
3/11/2020			0.0081 (J)				0.012	0.02
3/12/2020		0.008 (J)				0.0067 (J)		
3/13/2020	0.035							
3/17/2020				0.002 (J)				
3/18/2020					<0.01			
9/9/2020		0.015						
9/10/2020			0.0076 (J)					
9/11/2020				0.002 (J)			0.013	0.021
9/15/2020	0.037				<0.01			
9/16/2020						0.007 (J)		

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

Time Series

Constituent: Barium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				0.0022 (J)			0.012	0.02
3/17/2021	0.035				0.0031 (J)			
3/18/2021		0.016	0.0083 (J)			0.006 (J)		
8/18/2021								0.023
8/19/2021	0.036							
8/23/2021		0.01	0.0076 (J)					
8/24/2021					<0.01	0.01	0.012	
8/25/2021				0.0029 (J)				
3/2/2022			0.0072 (J)				0.012	0.022
3/8/2022		0.015						
3/9/2022	0.037				<0.01	0.006 (J)		
3/10/2022				<0.01				
8/10/2022	0.037	0.017	0.0076 (J)		0.0011 (J)		0.013	
8/15/2022						0.0042 (J)		0.027
8/16/2022				0.0013 (J)				
2/14/2023			0.0069 (J)					
2/15/2023					<0.01			
2/20/2023		0.0098 (J)				0.0056 (J)	0.015	0.031
2/21/2023	0.037							
2/22/2023				0.003 (J)				
8/15/2023		0.014			<0.01	0.0062 (J)		
8/16/2023	0.035		0.007 (J)	0.0044 (J)			0.014	0.033
2/20/2024	0.038	0.013			<0.01	0.0057 (J)		
2/21/2024			0.0089 (J)	0.0013 (J)				
2/22/2024							0.016	0.046
7/30/2024		0.016						
7/31/2024						0.0064 (J)		
8/2/2024	0.041			0.0036 (J)				
8/5/2024			0.0075 (J)				0.014	0.063
8/6/2024					0.00094 (J)			
2/11/2025		0.014						
2/13/2025	0.036		0.0074 (J)				0.013	
2/18/2025				0.0023 (J)				0.065
2/19/2025					0.0012 (J)	0.0067 (J)		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.0025	<0.0025			<0.0025	<0.0025	
9/7/2011									<0.0025
9/16/2011	<0.0025				<0.0025				
9/17/2011		<0.0025				<0.0013			
10/27/2011	<0.0025	<0.0025		<0.0025			<0.0025		
10/28/2011					<0.0025	<0.0013			
10/30/2011								<0.0025	<0.0025
12/5/2011							<0.0025	<0.0025	<0.0025
12/12/2011					<0.0025	0.0015			
12/13/2011	<0.0025								
12/14/2011		<0.0025		<0.0025					
1/25/2012					<0.0025		<0.0025	<0.0025	<0.0025
1/31/2012	<0.0025					0.0016			
2/1/2012				<0.0025					
2/7/2012		<0.0025							
7/16/2012					<0.0025				
7/17/2012						0.002			
7/18/2012	<0.0025						<0.0025		<0.0025
7/23/2012		<0.0025		<0.0025					
7/24/2012								<0.0025	
1/7/2013									<0.0025
1/8/2013								<0.0025	
1/9/2013							<0.0025		
1/23/2013		<0.0025		<0.0025					
1/24/2013	<0.0025				<0.0025	0.0025			
7/9/2013								<0.0025	<0.0025
7/17/2013	<0.0025			<0.0025			<0.0025		
7/23/2013					<0.0025				
7/24/2013		<0.0025				0.0027			
1/14/2014									<0.0025
1/15/2014				<0.0025			<0.0025	<0.0025	
1/21/2014	<0.0025								
1/22/2014		<0.0025			0.00034 (J)	0.002			
6/24/2014									<0.0025
6/25/2014	<0.0025		<0.0025	<0.0025			<0.0025	<0.0025	
7/1/2014		<0.0025			0.00039 (J)				
7/8/2014						0.0024			
1/13/2015							<0.0025		
1/14/2015	<0.0025			<0.0025					
1/20/2015								<0.0025	<0.0025
1/21/2015					0.0005 (J)	0.0026			
1/22/2015		0.00011 (J)							
7/21/2015	<0.0025		<0.0025	<0.0025	0.00042 (J)				
7/22/2015		<0.0025				0.0024			
7/24/2015							<0.0025	<0.0025	
7/27/2015									<0.0025
1/19/2016						0.0024			
1/20/2016		0.00012 (J)		<0.0025			<0.0025	7.8E-05 (J)	
1/21/2016	7.5E-05 (J)								
1/22/2016					0.00044 (J)				
1/26/2016									<0.0025
3/22/2016					<0.0025	0.00194 (J)			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.0025	<0.0025		<0.0025					
3/28/2016							<0.0025	<0.0025	
3/29/2016									<0.0025
3/31/2016			<0.0025						
5/19/2016				<0.0025		0.00188 (J)			
5/20/2016	<0.0025								
5/23/2016					<0.0025		<0.0025		
5/24/2016		<0.0025						<0.0025	<0.0025
5/25/2016			<0.0025						
7/21/2016	<0.0025			<0.0025		0.0021 (J)	<0.0025	<0.0025	
7/22/2016									<0.0025
7/25/2016					0.00037 (J)				
7/26/2016		<0.0025							
7/27/2016			<0.0025						
9/14/2016				<0.0025					
9/15/2016	<0.0025				0.00039 (J)		<0.0025	<0.0025	<0.0025
9/16/2016		<0.0025							
11/9/2016					0.00041 (J)				
11/10/2016		<0.0025		<0.0025					
11/11/2016	<0.0025								
11/15/2016							<0.0025		
11/16/2016								<0.0025	<0.0025
1/17/2017				<0.0025	0.0004 (J)	0.0024 (J)			
1/19/2017	<0.0025	<0.0025							
1/26/2017							<0.0025	<0.0025	<0.0025
3/15/2017						0.002 (J)			
3/16/2017	<0.0025			<0.0025	<0.0025				
3/17/2017		<0.0025							
3/22/2017							<0.0025	<0.0025	<0.0025
4/27/2017				<0.0025	0.00042 (J)	0.0019 (J)			
4/28/2017	<0.0025	<0.0025							
5/2/2017							<0.0025	<0.0025	<0.0025
7/18/2017						0.0018 (J)			
8/1/2017			<0.0025		0.0004 (J)	0.0019 (J)			
8/2/2017		<0.0025		<0.0025					
8/3/2017	<0.0025						<0.0025	<0.0025	
8/4/2017									<0.0025
10/3/2017			<0.0025						
1/19/2018	<0.0025	<0.0025			0.00045 (J)	0.0018 (J)			
1/22/2018				<0.0025					
1/23/2018							<0.0025	<0.0025	<0.0025
6/19/2018	<0.0025	<0.0025		<0.0025	0.00038 (J)	0.0021 (J)			
6/20/2018			<0.0025						
6/25/2018							<0.0025	<0.0025	<0.0025
1/17/2019	7.4E-05 (J)	<0.0025		<0.0025					
1/18/2019			<0.0025			0.0021 (J)			
1/21/2019					0.00041 (J)				<0.0025
1/30/2019							<0.0025	<0.0025	
6/24/2019	0.00029 (J)	0.00023 (J)		<0.0025					
6/25/2019			<0.0025		0.00039 (J)	0.0023			<0.0025
6/26/2019							<0.0025	<0.0025	
9/9/2019	0.00019 (J)								

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.0025		<0.0025	0.00049 (J)	0.0023			<0.0025
9/11/2019			0.0003 (J)						
9/12/2019							<0.0025	<0.0025	
3/10/2020	0.00019 (J)	<0.0025	<0.0025	<0.0025	0.00051 (J)	0.002 (J)			
3/12/2020									<0.0025
3/16/2020							<0.0025	<0.0025	
9/9/2020	<0.0025		<0.0025	<0.0025	0.0003 (J)	0.0017 (J)	<0.0025		
9/10/2020		<0.0025							
9/11/2020								<0.0025	
9/14/2020									<0.0025
3/15/2021	<0.0025	<0.0025	<0.0025	<0.0025	0.00046 (J)	0.002 (J)			
3/16/2021									<0.0025
3/17/2021							<0.0025	<0.0025	
8/16/2021	<0.0025				0.00041 (J)				
8/18/2021		<0.0025	<0.0025	<0.0025		0.0021 (J)		<0.0025	
8/19/2021							<0.0025		<0.0025
2/28/2022	<0.0025								
3/1/2022		<0.0025	<0.0025	<0.0025	0.00042 (J)				
3/2/2022						0.002 (J)	<0.0025	<0.0025	<0.0025
8/9/2022	<0.0025	<0.0025	<0.0025	<0.0025	0.00045 (J)	0.0021 (J)			
8/11/2022							<0.0025	<0.0025	<0.0025
2/13/2023						0.002 (J)			
2/14/2023	<0.0025	<0.0025	<0.0025	<0.0025	0.00044 (J)				
2/20/2023							<0.0025	<0.0025	
2/21/2023									<0.0025
8/8/2023			<0.0025			0.0017 (J)			
8/9/2023	<0.0025	<0.0025		<0.0025	0.00043 (J)				<0.0025
8/14/2023							<0.0025	<0.0025	
2/13/2024	<0.0025								
2/14/2024		<0.0025		<0.0025	0.00045 (J)	0.0018 (J)	<0.0025	<0.0025	
2/21/2024									<0.0025
7/29/2024				<0.0025	0.00052 (J)				
7/30/2024	<0.0025	<0.0025				0.002 (J)			
7/31/2024			<0.0025				<0.0025		
8/1/2024								<0.0025	<0.0025
2/10/2025				<0.0025	0.00043 (J)				
2/11/2025	<0.0025	<0.0025				0.0018 (J)			
2/13/2025									<0.0025
2/14/2025							<0.0025		
2/18/2025								<0.0025	

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.0025
9/7/2011	<0.0025	<0.0025							
9/13/2011				<0.0025	<0.0025	<0.0025	<0.0025		
9/16/2011								<0.0025	
10/26/2011									<0.0025
10/27/2011							<0.0025	<0.0025	
10/28/2011				<0.0025	<0.0025	<0.0025			
10/30/2011	<0.0025	<0.0025							
12/3/2011							<0.0025	<0.0025	<0.0025
12/4/2011		<0.0025		<0.0025	<0.0025	<0.0025			
12/5/2011	<0.0025								
1/19/2012	<0.0025	<0.0025							
1/24/2012					<0.0025	<0.0025	<0.0025		
1/25/2012									<0.0025
2/9/2012				<0.0025				<0.0025	
7/11/2012					<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025		<0.0025					
1/7/2013	<0.0025								
1/8/2013		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013								<0.0025	<0.0025
7/9/2013	<0.0025	<0.0025		<0.0025					
7/10/2013					<0.0025	<0.0025	<0.0025		
1/14/2014	<0.0025	0.00012 (J)							<0.0025
1/15/2014				<0.0025					
1/21/2014					<0.0025	<0.0025	0.00012 (J)	<0.0025	
6/24/2014	<0.0025	0.00014 (J)						<0.0025	
6/25/2014				8.3E-05 (J)					<0.0025
7/1/2014					<0.0025	<0.0025	<0.0025		
1/13/2015									<0.0025
1/14/2015							0.00015 (J)	<0.0025	
1/20/2015	<0.0025	0.00014 (J)							
1/21/2015				<0.0025	<0.0025	<0.0025			
7/22/2015							0.00023 (J)	<0.0025	<0.0025
7/27/2015	<0.0025	0.00012 (J)							
7/28/2015				<0.0025	<0.0025	<0.0025			
1/25/2016			<0.0025						
1/26/2016	<0.0025	<0.0025		<0.0025	<0.0025				
1/27/2016						<0.0025	0.00011 (J)	<0.0025	<0.0025
3/29/2016	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025			
3/30/2016			<0.0025				<0.0025	<0.0025	<0.0025
5/24/2016	<0.0025	<0.0025							
5/25/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/22/2016					<0.0025				
7/25/2016		<0.0025		<0.0025					
7/26/2016	<0.0025					<0.0025	<0.0025	<0.0025	
7/27/2016			<0.0025						<0.0025
9/15/2016					<0.0025	<0.0025	0.00044 (J)		
9/16/2016			<0.0025						<0.0025
9/19/2016	<0.0025	<0.0025		<0.0025					
9/20/2016								<0.0025	
11/16/2016	<0.0025	<0.0025		<0.0025	<0.0025				
11/17/2016			<0.0025			<0.0025	0.00055 (J)	<0.0025	<0.0025

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.0025								
1/31/2017		<0.0025		<0.0025	<0.0025	<0.0025			
2/1/2017			<0.0025				<0.0025	<0.0025	<0.0025
3/23/2017	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/24/2017			<0.0025						<0.0025
5/2/2017		<0.0025		<0.0025					
5/3/2017	<0.0025		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017						<0.0025		<0.0025	
8/7/2017	<0.0025	<0.0025		<0.0025	<0.0025		0.00059 (J)		<0.0025
8/8/2017			<0.0025						
1/24/2018	<0.0025	<0.0025		<0.0025	<0.0025				
1/25/2018			<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
6/20/2018				<0.0025		<0.0025	0.00064 (J)	<0.0025	<0.0025
6/21/2018	<0.0025	<0.0025	<0.0025						
6/26/2018					<0.0025				
1/22/2019	5.8E-05 (J)	7.9E-05 (J)				<0.0025	0.0004 (J)	<0.0025	
1/24/2019				0.00015 (J)					
1/25/2019					<0.0025				7.2E-05 (J)
1/31/2019			<0.0025						
6/25/2019	<0.0025	<0.0025				<0.0025	0.00041 (J)	<0.0025	<0.0025
6/26/2019			<0.0025	<0.0025	<0.0025				
9/10/2019	<0.0025								
9/11/2019					0.00024 (J)				0.00024 (J)
9/12/2019						<0.0025	0.00092 (J)		
9/16/2019		<0.0025		<0.0025					
9/17/2019			<0.0025					<0.0025	
3/12/2020	0.00061 (J)					<0.0025			
3/16/2020		0.00041 (J)		0.00039 (J)				<0.0025	
3/17/2020			<0.0025				0.00059 (J)		<0.0025
3/18/2020					0.00029 (J)				
9/10/2020			<0.0025	<0.0025	<0.0025	<0.0025	0.00064 (J)	0.00022 (J)	
9/11/2020		<0.0025							<0.0025
9/14/2020	<0.0025								
3/16/2021	<0.0025	<0.0025			<0.0025				
3/17/2021				<0.0025		<0.0025	0.00074 (J)		<0.0025
3/18/2021			<0.0025					<0.0025	
8/19/2021					<0.0025				
8/20/2021	<0.0025		<0.0025						<0.0025
8/23/2021				<0.0025		<0.0025	0.00026 (J)		
8/24/2021								<0.0025	
8/25/2021		<0.0025							
3/2/2022	<0.0025								
3/7/2022				<0.0025	<0.0025		0.00051 (J)	<0.0025	
3/8/2022			<0.0025			<0.0025			<0.0025
3/9/2022		<0.0025							
8/11/2022	<0.0025								
8/15/2022				<0.0025		<0.0025			
8/16/2022		0.00035 (J)	<0.0025		<0.0025		0.0006 (J)	<0.0025	<0.0025
2/15/2023	<0.0025	<0.0025	<0.0025		<0.0025				
2/17/2023							0.0003 (J)		
2/20/2023									<0.0025
2/21/2023				<0.0025		<0.0025		<0.0025	

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/9/2023	<0.0025	0.00023 (J)							
8/10/2023			<0.0025						
8/14/2023				<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
8/16/2023						<0.0025			
2/14/2024				<0.0025					
2/19/2024		0.00024 (J)				<0.0025	0.00034 (J)		
2/20/2024			<0.0025		<0.0025				
2/21/2024	<0.0025							<0.0025	<0.0025
7/30/2024	<0.0025								
7/31/2024		0.00041 (J)	<0.0025						
8/5/2024						<0.0025			<0.0025
8/6/2024				<0.0025	<0.0025		0.00056 (J)	<0.0025	
2/11/2025									<0.0025
2/13/2025	<0.0025								
2/17/2025					<0.0025		0.00021 (J)		
2/18/2025		0.00048 (J)		0.00041 (J)		<0.0025		<0.0025	
2/19/2025			0.00025 (J)						

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.0025	<0.0025	<0.0025						
8/31/2011				<0.0025	<0.0025				
9/15/2011						<0.0025			
9/16/2011							<0.0025		
9/17/2011									<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025						
10/27/2011				<0.0025	<0.0025				
10/29/2011						<0.0025	<0.0025		
10/31/2011									<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025						
12/4/2011				<0.0025	<0.0025				
12/13/2011						<0.0025	<0.0025		
12/14/2011									<0.0025
1/25/2012	<0.0025					<0.0025			
1/31/2012							<0.0025		
2/7/2012									<0.0025
2/8/2012			<0.0025	<0.0025	<0.0025				
2/9/2012		<0.0025							
7/11/2012	<0.0025	<0.0025	<0.0025	<0.0025					
7/17/2012					<0.0025				<0.0025
7/18/2012						<0.0025	<0.0025		
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025					
1/9/2013					<0.0025				
1/22/2013						<0.0025	<0.0025		
7/16/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/23/2013							<0.0025		
7/24/2013									<0.0025
1/14/2014	<0.0025	<0.0025							
1/21/2014			<0.0025	<0.0025	<0.0025	<0.0025			
1/22/2014							<0.0025		
1/23/2014									<0.0025
6/24/2014		<0.0025	<0.0025	<0.0025	<0.0025				
6/25/2014	<0.0025					<0.0025			
7/1/2014							<0.0025		
7/8/2014								8.3E-05 (J)	<0.0025
1/13/2015		<0.0025	<0.0025	<0.0025	<0.0025				
1/14/2015	<0.0025					<0.0025			
1/21/2015									<0.0025
1/22/2015							<0.0025		
7/23/2015		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/28/2015	<0.0025								
7/29/2015							8E-05 (J)		
7/30/2015									<0.0025
7/31/2015								0.00012 (J)	
1/20/2016								9.3E-05 (J)	
1/21/2016							<0.0025		<0.0025
1/26/2016					<0.0025	<0.0025			
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/28/2016									<0.0025
3/29/2016							<0.0025		
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	
3/31/2016						<0.0025			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.0025						<0.0025	<0.0025	<0.0025
5/26/2016		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/25/2016		<0.0025	<0.0025	<0.0025					
7/26/2016					<0.0025	<0.0025			
7/27/2016	<0.0025						<0.0025	<0.0025	<0.0025
9/16/2016								<0.0025	
9/19/2016	<0.0025	<0.0025	<0.0025						<0.0025
9/20/2016				<0.0025	<0.0025	<0.0025	<0.0025		
11/15/2016									<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/18/2016							<0.0025	<0.0025	
1/24/2017									<0.0025
2/1/2017	<0.0025	<0.0025							
2/2/2017			<0.0025	<0.0025	<0.0025				
2/3/2017						<0.0025	<0.0025	<0.0025	
3/23/2017									<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025						
3/28/2017				<0.0025	<0.0025	<0.0025	<0.0025		
3/29/2017								<0.0025	
5/2/2017									<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025			<0.0025			
5/4/2017				<0.0025	<0.0025		<0.0025	<0.0025	
8/3/2017									<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
8/8/2017						<0.0025	<0.0025	<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
1/26/2018				<0.0025	<0.0025				
6/20/2018					<0.0025	<0.0025	<0.0025		
6/21/2018		<0.0025	<0.0025	<0.0025					
6/26/2018	<0.0025								
6/27/2018								<0.0025	<0.0025
1/24/2019	<0.0025				7.9E-05 (J)	<0.0025			6.7E-05 (J)
1/25/2019							<0.0025		
1/28/2019		<0.0025	0.00011 (J)	<0.0025					
1/31/2019								<0.0025	
6/25/2019	<0.0025			<0.0025	<0.0025	0.00017 (J)			<0.0025
6/26/2019			<0.0025				<0.0025	0.00017 (J)	
6/27/2019		<0.0025							
9/10/2019						<0.0025			
9/11/2019	0.00018 (J)	0.00019 (J)		<0.0025	0.0002 (J)			<0.0025	0.00019 (J)
9/12/2019			<0.0025				<0.0025		
3/12/2020								0.0002 (J)	<0.0025
3/17/2020	<0.0025	<0.0025							
3/18/2020			<0.0025	<0.0025	<0.0025	0.00038 (J)	<0.0025		
9/10/2020						<0.0025	<0.0025		
9/14/2020	<0.0025	<0.0025							<0.0025
9/15/2020			<0.0025	<0.0025	<0.0025			<0.0025	
3/15/2021						0.0002 (J)			
3/16/2021	<0.0025	<0.0025		0.00041 (J)	<0.0025				
3/17/2021			0.00046 (J)						<0.0025
3/18/2021							0.00052 (J)	0.00024 (J)	
8/19/2021					<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.0025								
8/23/2021							<0.0025		
8/24/2021		<0.0025	<0.0025	<0.0025					
3/7/2022				<0.0025	<0.0025				
3/8/2022	<0.0025	<0.0025	<0.0025			<0.0025			<0.0025
3/9/2022							<0.0025		
3/10/2022								<0.0025	
8/10/2022									<0.0025
8/11/2022	<0.0025	<0.0025	<0.0025						
8/16/2022				<0.0025	<0.0025		<0.0025		
8/17/2022						<0.0025			
8/18/2022								<0.0025	
2/14/2023						<0.0025			
2/16/2023								<0.0025	
2/20/2023	<0.0025	<0.0025							
2/21/2023			0.0002 (J)		<0.0025		<0.0025		<0.0025
2/22/2023				<0.0025					
8/9/2023		<0.0025	<0.0025	<0.0025	<0.0025				
8/10/2023	<0.0025								
8/14/2023						<0.0025			
8/15/2023							<0.0025		<0.0025
8/16/2023								<0.0025	
2/14/2024						<0.0025			
2/19/2024					<0.0025		<0.0025		
2/20/2024	<0.0025			<0.0025					
2/21/2024		<0.0025	0.0002 (J)						<0.0025
2/22/2024								<0.0025	
7/30/2024					<0.0025		<0.0025		
8/1/2024									<0.0025
8/2/2024				<0.0025					
8/6/2024			<0.0025			<0.0025		<0.0025	
8/7/2024	<0.0025	<0.0025							
2/11/2025					<0.0025	<0.0025	<0.0025		
2/13/2025	<0.0025	<0.0025							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.0025		<0.0013			
9/16/2011						<0.0025	<0.0025	<0.0025
9/17/2011	<0.0025	0.0066		<0.003				
10/28/2011			<0.0025					
10/29/2011	<0.0025	0.0055						
10/30/2011						<0.0025		
10/31/2011				<0.003	<0.0013		<0.0025	<0.0025
12/12/2011							<0.0025	<0.0025
12/13/2011			<0.0025		<0.0013	<0.0025		
12/14/2011	<0.0025	0.0058						
1/25/2012		0.006						
2/1/2012					<0.0013	<0.0025	<0.0025	<0.0025
2/7/2012	<0.0025			<0.003				
2/8/2012			<0.0025					
7/16/2012							<0.0025	<0.0025
7/17/2012	<0.0025	<0.003			<0.0013	<0.0025		
7/18/2012			<0.0025					
1/22/2013							<0.0025	<0.0025
1/23/2013				<0.003	<0.0013	<0.0025		
1/24/2013	<0.0025	<0.003	<0.0025					
7/2/2013								<0.0025
7/17/2013						<0.0025	<0.0025	
7/24/2013	<0.0025	0.0027	<0.0025		<0.0013			
1/21/2014								<0.0025
1/23/2014	<0.0025	0.0047	<0.0025	0.00099 (J)	0.00068 (J)	0.00054 (J)	<0.0025	
6/25/2014							<0.0025	<0.0025
7/1/2014			<0.0025	0.0011 (J)	0.00062 (J)			
7/8/2014	<0.0025	0.005						
1/14/2015							<0.0025	<0.0025
1/20/2015			<0.0025		0.00066 (J)	0.00091 (J)		
1/21/2015	<0.0025	0.0053		0.00082 (J)				
7/28/2015								8.5E-05 (J)
7/29/2015						0.0011 (J)	0.00011 (J)	
7/30/2015		0.0013	<0.0025		0.001 (J)			
7/31/2015	<0.0025							
1/19/2016			9E-05 (J)					
1/21/2016							0.00012 (J)	8.5E-05 (J)
1/22/2016		0.00038 (J)						
1/25/2016	<0.0025			0.00061 (J)	0.00066 (J)	0.00075 (J)		
3/23/2016		0.00229 (J)	<0.0025		0.000735 (J)	0.000892 (J)		
3/24/2016	<0.0025						<0.0025	<0.0025
3/30/2016				<0.003				
5/20/2016			<0.0025					
5/23/2016							<0.0025	<0.0025
5/24/2016		<0.003			0.00134 (J)	0.00065 (J)		
5/25/2016	<0.0025			<0.003				
7/21/2016			<0.0025				<0.0025	<0.0025
7/22/2016					0.0012 (J)	0.0011 (J)		
7/26/2016	<0.0025	0.0015 (J)						
7/27/2016				0.00076 (J)				
9/15/2016							<0.0025	<0.0025
9/16/2016					0.0015 (J)	0.001 (J)		

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.0025	0.0013 (J)						
9/20/2016			<0.0025					
11/11/2016		0.0057						
11/14/2016	<0.0025		<0.0025					
11/15/2016					0.0015 (J)		<0.0025	<0.0025
11/17/2016						0.00046 (J)		
1/19/2017	<0.0025							
1/20/2017		0.003						
1/24/2017			<0.0025					
1/25/2017				0.00064 (J)		<0.0025	<0.0025	
1/26/2017					0.001 (J)			<0.0025
3/16/2017	<0.0025	0.0018 (J)						
3/17/2017			<0.0025					
3/22/2017							<0.0025	<0.0025
3/23/2017				0.00067 (J)		0.00077 (J)		
3/24/2017					0.0016 (J)			
4/28/2017		0.00075 (J)						
5/1/2017	<0.0025		<0.0025			0.00062 (J)	<0.0025	
5/2/2017				0.00077 (J)	0.0012 (J)			<0.0025
7/19/2017				0.00083 (J)				
8/3/2017	<0.0025	0.005			0.0018 (J)		<0.0025	<0.0025
8/4/2017			<0.0025	0.0011 (J)		0.00051 (J)		
1/19/2018		0.0057						
1/22/2018	<0.0025							
1/23/2018				0.001 (J)	0.0018 (J)	0.00034 (J)	<0.0025	<0.0025
1/24/2018			<0.0025					
6/19/2018								<0.0025
6/20/2018							<0.0025	
6/21/2018			<0.0025					
6/26/2018					0.0015 (J)	<0.0025		
6/27/2018	<0.0025	0.005		0.00071 (J)				
1/21/2019								<0.0025
1/24/2019	8.1E-05 (J)	0.00039 (J)						
1/28/2019							6.1E-05 (J)	
1/30/2019			<0.0025		0.0016 (J)	0.00036 (J)		
1/31/2019				0.00057 (J)				
6/25/2019	<0.0025							
6/26/2019		0.0056		0.00084 (J)		0.00027 (J)	0.00032 (J)	0.00022 (J)
6/27/2019			<0.0025		0.0017			
9/10/2019			<0.0025					
9/11/2019				0.00092 (J)			<0.0025	
9/12/2019	<0.0025	0.0012			0.0019	0.00044 (J)		<0.0025
1/14/2020					0.0015			
3/11/2020			<0.0025				<0.0025	<0.0025
3/12/2020		0.00038 (J)				0.00049 (J)		
3/13/2020	0.00019 (J)							
3/17/2020				0.0004 (J)				
3/18/2020					0.0014 (J)			
9/9/2020		0.0034						
9/10/2020			<0.0025					
9/11/2020				0.00068 (J)			<0.0025	0.00024 (J)
9/15/2020	<0.0025				0.0018 (J)			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/16/2020						0.00027 (J)		
3/16/2021				0.0006 (J)			<0.0025	<0.0025
3/17/2021	<0.0025				0.0013 (J)			
3/18/2021		0.0043	<0.0025			0.0002 (J)		
8/18/2021								<0.0025
8/19/2021	<0.0025							
8/23/2021		0.0015 (J)	<0.0025					
8/24/2021					0.0011 (J)	<0.0025	<0.0025	
8/25/2021				0.00072 (J)				
3/2/2022			<0.0025				<0.0025	<0.0025
3/8/2022		0.0048						
3/9/2022	<0.0025				0.001 (J)	<0.0025		
3/10/2022				0.00074 (J)				
8/10/2022	<0.0025	0.0056	<0.0025		0.0016 (J)		<0.0025	
8/15/2022						0.00044 (J)		<0.0025
8/16/2022				0.00041 (J)				
2/14/2023			<0.0025					
2/15/2023					0.0013 (J)			
2/20/2023		0.0016 (J)				0.00044 (J)	<0.0025	<0.0025
2/21/2023	<0.0025							
2/22/2023				0.00091 (J)				
8/15/2023		0.0039			0.001 (J)	0.0004 (J)		
8/16/2023	<0.0025		<0.0025	0.00083 (J)			<0.0025	<0.0025
2/20/2024	<0.0025	0.0038			0.0015 (J)	0.00029 (J)		
2/21/2024			<0.0025	0.00029 (J)				
2/22/2024							<0.0025	<0.0025
7/30/2024		0.0044						
7/31/2024						0.00028 (J)		
8/2/2024	<0.0025			0.00073 (J)				
8/5/2024			<0.0025				<0.0025	<0.0025
8/6/2024					0.0014 (J)			
2/11/2025		0.0038						
2/13/2025	<0.0025		<0.0025				<0.0025	
2/18/2025				0.00068 (J)				<0.0025
2/19/2025					0.0011 (J)	0.00046 (J)		

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					<0.08	<0.08			
3/23/2016	<0.08	<0.08		<0.08					
3/28/2016							<0.08	<0.08	
3/29/2016									<0.08
3/31/2016			<0.08						
5/19/2016				<0.08		<0.08			
5/20/2016	<0.08								
5/23/2016					<0.08		<0.08		
5/24/2016		<0.08						<0.08	<0.08
5/25/2016			<0.08						
7/21/2016	<0.08			<0.08		<0.08	<0.08	<0.08	
7/22/2016									<0.08
7/25/2016					<0.08				
7/26/2016		<0.08							
7/27/2016			<0.08						
9/14/2016				<0.08					
9/15/2016	<0.08				<0.08		<0.08	<0.08	<0.08
9/16/2016		<0.08							
11/9/2016					<0.08				
11/10/2016		<0.08		<0.08					
11/11/2016	<0.08								
11/15/2016							<0.08		
11/16/2016								<0.08	<0.08
1/17/2017				<0.08	<0.08	<0.08			
1/19/2017	<0.08	<0.08							
1/26/2017							<0.08	<0.08	<0.08
3/15/2017						<0.08			
3/16/2017	<0.08			<0.08	<0.08				
3/17/2017		<0.08							
3/22/2017							<0.08	<0.08	<0.08
4/27/2017				<0.08	<0.08	<0.08			
4/28/2017	<0.08	<0.08							
5/2/2017							<0.08	<0.08	<0.08
7/18/2017						0.027 (J)			
8/1/2017			<0.08			<0.08			
10/3/2017		<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
10/4/2017	<0.08								
1/19/2018	<0.08	<0.08			<0.08	<0.08			
1/22/2018				<0.08					
1/23/2018							<0.08	<0.08	<0.08
6/19/2018	<0.08	<0.08		<0.08	<0.08	<0.08			
6/20/2018			<0.08						
6/25/2018							<0.08	<0.08	<0.08
9/25/2018	<0.08	<0.08		<0.08	<0.08	<0.08		<0.08	
10/2/2018									<0.08
10/3/2018							<0.08		
1/17/2019	<0.08	<0.08		<0.08					
1/18/2019			<0.08			<0.08			
1/21/2019					<0.08				<0.08
1/30/2019							<0.08	<0.08	
6/24/2019	0.034 (J)	<0.08		<0.08					
6/25/2019			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/26/2019							0.045 (J)	0.044 (J)	
9/9/2019	<0.08								
9/10/2019		<0.08		<0.08	<0.08	<0.08			<0.08
9/11/2019			<0.08						
9/12/2019							<0.08	<0.08	
3/10/2020	0.041 (J)	<0.08	<0.08	<0.08	<0.08	<0.08			
3/12/2020									<0.08
3/16/2020							<0.08	<0.08	
9/9/2020	<0.08		<0.08	<0.08	<0.08	<0.08	<0.08		
9/10/2020		<0.08							
9/11/2020								<0.08	
9/14/2020									<0.08
3/15/2021	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
3/16/2021									<0.08
3/17/2021							<0.08	<0.08	
8/16/2021	<0.08				<0.08				
8/18/2021		<0.08	<0.08	<0.08		<0.08		<0.08	
8/19/2021							<0.08		<0.08
2/28/2022	<0.08								
3/1/2022		<0.08	<0.08	<0.08	<0.08				
3/2/2022						<0.08	<0.08	<0.08	<0.08
8/9/2022	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
8/11/2022							<0.08	<0.08	<0.08
2/13/2023						<0.08			
2/14/2023	<0.08	<0.08	<0.08	<0.08	<0.08				
2/20/2023							<0.08	0.022 (J)	
2/21/2023									<0.08
8/8/2023			<0.08			<0.08			
8/9/2023	<0.08	<0.08		<0.08	<0.08				<0.08
8/14/2023							<0.08	<0.08	
2/13/2024	<0.08								
2/14/2024		<0.08		0.022 (J)	<0.08	<0.08	<0.08	<0.08	
2/21/2024									0.035 (J)
7/29/2024				<0.08	<0.08				
7/30/2024	<0.08	<0.08				<0.08			
7/31/2024			<0.08				<0.08		
8/1/2024								<0.08	0.026 (J)
2/10/2025				<0.08	<0.08				
2/11/2025	<0.08	<0.08				<0.08			
2/13/2025									0.027 (J)
2/14/2025							<0.08		
2/18/2025								<0.08	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	<0.08	0.0635 (J)		<0.08	<0.08	<0.08			
3/30/2016			<0.08				0.291	0.0787 (J)	<0.08
5/24/2016	0.022 (J)	0.0981 (J)							
5/25/2016			<0.08	<0.08	<0.08	<0.08	0.443	0.0536 (J)	<0.08
7/22/2016					<0.08				
7/25/2016		0.26		<0.08					
7/26/2016	<0.08					<0.08	1.1	<0.08	
7/27/2016			<0.08						<0.08
9/15/2016					<0.08	<0.08	0.61		
9/16/2016			<0.08						<0.08
9/19/2016	<0.08	0.38		<0.08					
9/20/2016								<0.08	
11/16/2016	<0.08	0.44		<0.08	<0.08				
11/17/2016			<0.08			<0.08	1	<0.08	<0.08
1/26/2017	<0.08								
1/31/2017		0.11		<0.08	<0.08	<0.08			
2/1/2017			<0.08				0.29	0.023 (J)	<0.08
3/23/2017	<0.08	0.071		<0.08	<0.08	<0.08	0.44	0.042 (J)	
3/24/2017			<0.08						<0.08
5/2/2017		0.089		<0.08					
5/3/2017	<0.08		<0.08		<0.08	<0.08	0.44	0.034 (J)	<0.08
10/3/2017		0.12							
10/4/2017			<0.08	0.022 (J)	0.022 (J)		0.95	0.044 (J)	
10/5/2017	<0.08					<0.08			<0.08
12/1/2017		0.1					1.2		
1/24/2018	<0.08	0.044 (J)		<0.08	0.023 (J)				
1/25/2018			<0.08			<0.08	0.43	0.052	<0.08
6/20/2018				<0.08		<0.08	1.2	<0.08	<0.08
6/21/2018	<0.08	0.07	<0.08						
6/26/2018					0.024 (J)				
9/26/2018	<0.08	0.14							
9/27/2018			<0.08	<0.08					
9/28/2018					<0.08				
10/1/2018							0.57	0.03 (J)	<0.08
10/2/2018						<0.08			
1/22/2019	<0.08	0.038 (J)				<0.08	0.63	0.1	
1/24/2019				<0.08					
1/25/2019					0.036 (J)				<0.08
1/31/2019			<0.08						
6/25/2019	<0.08	0.068 (J)				<0.08	0.71	0.066 (J)	<0.08
6/26/2019			0.053 (J)	<0.08	0.057 (J)				
9/10/2019	<0.08								
9/11/2019					0.042 (J)				<0.08
9/12/2019						<0.08	1.8		
9/16/2019		0.19		<0.08					
9/17/2019			<0.08					<0.08	
3/12/2020	<0.08					<0.08			
3/16/2020		0.052 (J)		<0.08				0.14	
3/17/2020			<0.08				1.2		<0.08
3/18/2020					0.058 (J)				
5/4/2020								0.049 (J)	
9/10/2020			<0.08	<0.08	0.043 (J)	<0.08	1.1	0.064 (J)	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
9/11/2020		0.14							<0.08
9/14/2020	<0.08								
3/16/2021	<0.08	0.05 (J)			<0.08				
3/17/2021				<0.08		<0.08	1		<0.08
3/18/2021			<0.08					0.071 (J)	
8/19/2021					0.077 (J)				
8/20/2021	0.04 (J)		<0.08						<0.08
8/23/2021				<0.08		<0.08	0.61		
8/24/2021								0.047 (J)	
8/25/2021		0.083							
3/2/2022	<0.08								
3/7/2022				0.067 (J)	0.11		1	0.14	
3/8/2022			<0.08			<0.08			<0.08
3/9/2022		<0.08							
5/3/2022					0.075 (J)		1.3		
5/4/2022								0.13	
6/7/2022								0.067 (J)	
8/11/2022	<0.08								
8/15/2022				<0.08		<0.08			
8/16/2022		0.075 (J)	<0.08		0.088		1.2	<0.08	<0.08
11/29/2022					0.098				
2/15/2023	<0.08	0.041 (J)	<0.08		0.077 (J)				
2/17/2023							0.65		
2/20/2023									<0.08
2/21/2023				<0.08		<0.08		0.04 (J)	
8/9/2023	<0.08	0.088							
8/10/2023			<0.08						
8/14/2023				0.025 (J)	0.073 (J)		0.51	0.061 (J)	<0.08
8/16/2023						<0.08			
9/27/2023		0.13							
2/14/2024				<0.08					
2/19/2024		0.08				<0.08	0.71		
2/20/2024			<0.08		0.08				
2/21/2024	0.036 (J)							0.072 (J)	<0.08
7/30/2024	0.025 (J)								
7/31/2024		0.088	<0.08						
8/5/2024						<0.08			<0.08
8/6/2024				0.026 (J)	0.11		1.3	0.041 (J)	
9/30/2024		0.089							
2/11/2025									<0.08
2/13/2025	<0.08								
2/17/2025					0.14		0.39		
2/18/2025		0.059 (J)		<0.08		<0.08		0.075 (J)	
2/19/2025			<0.08						

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									<0.08
3/29/2016							<0.08		
3/30/2016	<0.08	<0.08	<0.08	<0.08	<0.08			<0.08	
3/31/2016						<0.08			
5/25/2016	<0.08						<0.08	<0.08	<0.08
5/26/2016		<0.08	<0.08	<0.08	<0.08	<0.08			
7/25/2016		<0.08	<0.08	<0.08					
7/26/2016					<0.08	<0.08			
7/27/2016	<0.08						<0.08	<0.08	<0.08
9/16/2016								<0.08	
9/19/2016	<0.08	<0.08	<0.08						<0.08
9/20/2016				<0.08	<0.08	<0.08	<0.08		
11/15/2016									<0.08
11/17/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08			
11/18/2016							<0.08	<0.08	
1/24/2017									<0.08
2/1/2017	<0.08	<0.08							
2/2/2017			<0.08	<0.08	<0.08				
2/3/2017						<0.08	<0.08	<0.08	
3/23/2017									<0.08
3/24/2017	<0.08	<0.08	<0.08						
3/28/2017				<0.08	<0.08	<0.08	<0.08		
3/29/2017								<0.08	
5/2/2017									<0.08
5/3/2017	<0.08	<0.08	<0.08			<0.08			
5/4/2017				<0.08	<0.08		<0.08	<0.08	
10/4/2017	<0.08								
10/5/2017		<0.08	<0.08			<0.08	<0.08	<0.08	<0.08
10/6/2017				<0.08	<0.08				
1/25/2018	<0.08	<0.08	<0.08			<0.08	<0.08	<0.08	<0.08
1/26/2018				<0.08	<0.08				
6/20/2018					<0.08	<0.08	<0.08		
6/21/2018		<0.08	<0.08	<0.08					
6/26/2018	<0.08								
6/27/2018								<0.08	<0.08
9/26/2018									0.023 (J)
9/27/2018			<0.08	<0.08	<0.08				
9/28/2018		<0.08						<0.08	
10/1/2018						<0.08	<0.08		
10/2/2018	<0.08								
1/24/2019	<0.08				<0.08	<0.08			<0.08
1/25/2019							<0.08		
1/28/2019		<0.08	<0.08	<0.08					
1/31/2019								<0.08	
6/25/2019	<0.08			<0.08	<0.08	<0.08			<0.08
6/26/2019			0.036 (J)				<0.08	<0.08	
6/27/2019		<0.08							
9/10/2019						<0.08			
9/11/2019	<0.08	<0.08		<0.08	<0.08			0.053 (J)	<0.08
9/12/2019			<0.08				<0.08		
3/12/2020								<0.08	<0.08
3/17/2020	<0.08	<0.08							

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/18/2020			<0.08	<0.08	<0.08	0.041 (J)	<0.08		
9/10/2020						<0.08	<0.08		
9/14/2020	<0.08	<0.08							<0.08
9/15/2020			<0.08	<0.08	<0.08			<0.08	
3/15/2021						<0.08			
3/16/2021	<0.08	<0.08		<0.08	<0.08				
3/17/2021			<0.08						<0.08
3/18/2021							<0.08	<0.08	
8/19/2021					0.047 (J)	<0.08		<0.08	<0.08
8/20/2021	<0.08								
8/23/2021							<0.08		
8/24/2021		<0.08	<0.08	<0.08					
3/7/2022				<0.08	<0.08				
3/8/2022	<0.08	<0.08	<0.08			<0.08			<0.08
3/9/2022							<0.08		
3/10/2022								<0.08	
8/10/2022									<0.08
8/11/2022	<0.08	<0.08	<0.08						
8/16/2022				<0.08	<0.08		<0.08		
8/17/2022						<0.08			
8/18/2022								<0.08	
2/14/2023						<0.08			
2/16/2023								0.036 (J)	
2/20/2023	<0.08	<0.08							
2/21/2023			<0.08		<0.08		<0.08		<0.08
2/22/2023				<0.08					
8/9/2023		<0.08	<0.08	<0.08	<0.08				
8/10/2023	<0.08								
8/14/2023						<0.08			
8/15/2023							<0.08		<0.08
8/16/2023								<0.08	
2/14/2024						<0.08			
2/19/2024					<0.08		<0.08		
2/20/2024	<0.08			<0.08					
2/21/2024		<0.08	<0.08						<0.08
2/22/2024								<0.08	
7/30/2024					<0.08		<0.08		
8/1/2024									<0.08
8/2/2024				<0.08					
8/6/2024			0.08			<0.08		<0.08	
8/7/2024	<0.08	<0.08							
2/11/2025					<0.08	<0.08	<0.08		
2/13/2025	<0.08	<0.08							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		<0.08	<0.08		<0.08	<0.08		
3/24/2016	<0.08						<0.08	<0.08
3/30/2016				<0.08				
5/20/2016			<0.08					
5/23/2016							<0.08	<0.08
5/24/2016		<0.08			<0.08	<0.08		
5/25/2016	<0.08			<0.08				
7/21/2016			<0.08				<0.08	<0.08
7/22/2016					<0.08	<0.08		
7/26/2016	<0.08	<0.08						
7/27/2016				<0.08				
9/15/2016							<0.08	<0.08
9/16/2016					<0.08	<0.08		
9/19/2016	<0.08	<0.08						
9/20/2016			<0.08					
11/11/2016		<0.08						
11/14/2016	<0.08		<0.08					
11/15/2016					<0.08		<0.08	<0.08
11/17/2016						0.023 (J)		
1/19/2017	<0.08							
1/20/2017		<0.08						
1/24/2017			<0.08					
1/25/2017				<0.08		<0.08	<0.08	
1/26/2017					<0.08			<0.08
3/16/2017	<0.08	<0.08						
3/17/2017			<0.08					
3/22/2017							<0.08	<0.08
3/23/2017				<0.08		<0.08		
3/24/2017					<0.08			
4/28/2017		<0.08						
5/1/2017	<0.08		<0.08			<0.08	<0.08	
5/2/2017				<0.08	<0.08			<0.08
7/19/2017				<0.08				
8/4/2017				<0.08		<0.08		
10/3/2017		<0.08					<0.08	<0.08
10/4/2017	<0.08		<0.08					
10/5/2017						0.025 (J)		
10/6/2017				<0.08	<0.08			
1/19/2018		<0.08						
1/22/2018	<0.08							
1/23/2018				<0.08	<0.08	<0.08	<0.08	<0.08
1/24/2018			<0.08					
6/19/2018								<0.08
6/20/2018							<0.08	
6/21/2018			<0.08					
6/26/2018					<0.08	<0.08		
6/27/2018	<0.08	<0.08		<0.08				
9/27/2018	<0.08	<0.08						
10/1/2018								<0.08
10/2/2018					<0.08	<0.08	<0.08	
10/3/2018			<0.08	<0.08				
1/21/2019								<0.08

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/24/2019	<0.08	<0.08						
1/28/2019							<0.08	
1/30/2019			<0.08		<0.08	<0.08		
1/31/2019				<0.08				
6/25/2019	<0.08							
6/26/2019		<0.08		<0.08		<0.08	<0.08	<0.08
6/27/2019			<0.08		<0.08			
9/10/2019			<0.08					
9/11/2019				<0.08			<0.08	
9/12/2019	<0.08	<0.08			<0.08	<0.08		<0.08
3/11/2020			<0.08				<0.08	<0.08
3/12/2020		<0.08				<0.08		
3/13/2020	<0.08							
3/17/2020				<0.08				
3/18/2020					<0.08			
9/9/2020		<0.08						
9/10/2020			<0.08					
9/11/2020				<0.08			<0.08	<0.08
9/15/2020	<0.08				<0.08			
9/16/2020						<0.08		
3/16/2021				<0.08			<0.08	<0.08
3/17/2021	<0.08				<0.08			
3/18/2021		<0.08	<0.08			<0.08		
8/18/2021								<0.08
8/19/2021	<0.08							
8/23/2021		<0.08	<0.08					
8/24/2021					<0.08	<0.08	<0.08	
8/25/2021				<0.08				
3/2/2022			<0.08				<0.08	<0.08
3/8/2022		<0.08						
3/9/2022	0.066 (J)				<0.08	<0.08		
3/10/2022				<0.08				
8/10/2022	<0.08	<0.08	<0.08		<0.08		<0.08	
8/15/2022						<0.08		<0.08
8/16/2022				<0.08				
2/14/2023			<0.08					
2/15/2023					<0.08			
2/20/2023		<0.08				0.022 (J)	<0.08	0.024 (J)
2/21/2023	<0.08							
2/22/2023				<0.08				
8/15/2023		<0.08			<0.08	<0.08		
8/16/2023	<0.08		<0.08	<0.08			<0.08	0.028 (J)
2/20/2024	<0.08	<0.08			<0.08	<0.08		
2/21/2024			0.046 (J)	0.034 (J)				
2/22/2024							<0.08	0.06 (J)
7/30/2024		<0.08						
7/31/2024						<0.08		
8/2/2024	<0.08			<0.08				
8/5/2024			0.033 (J)				<0.08	0.093
8/6/2024					0.051 (J)			
9/30/2024								0.094
2/11/2025		<0.08						

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

Time Series

Constituent: Boron (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/13/2025	<0.08		<0.08				<0.08	
2/18/2025				<0.08				0.1
2/19/2025					<0.08	<0.08		

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.0025	<0.0025			<0.0025	<0.0025	
9/7/2011									<0.0025
9/16/2011	<0.0025				<0.0025				
9/17/2011		<0.0025				<0.0025			
10/27/2011	<0.0025	<0.0025		<0.0025			<0.0025		
10/28/2011					<0.0025	<0.0025			
10/30/2011								<0.0025	<0.0025
12/5/2011							<0.0025	<0.0025	<0.0025
12/12/2011					<0.0025	<0.0025			
12/13/2011	<0.0025								
12/14/2011		<0.0025		<0.0025					
1/25/2012					<0.0025		<0.0025	<0.0025	<0.0025
1/31/2012	<0.0025					<0.0025			
2/1/2012				<0.0025					
2/7/2012		<0.0025							
7/16/2012					<0.0025				
7/17/2012						<0.0025			
7/18/2012	<0.0025						<0.0025		<0.0025
7/23/2012		<0.0025		<0.0025					
7/24/2012								<0.0025	
1/7/2013									<0.0025
1/8/2013								<0.0025	
1/9/2013							<0.0025		
1/23/2013		<0.0025		<0.0025					
1/24/2013	<0.0025				<0.0025	<0.0025			
7/9/2013								<0.0025	<0.0025
7/17/2013	<0.0025			<0.0025			<0.0025		
7/23/2013					<0.0025				
7/24/2013		<0.0025				<0.0025			
1/14/2014									<0.0025
1/15/2014				<0.0025			<0.0025	<0.0025	
1/21/2014	<0.0025								
1/22/2014		<0.0025			<0.0025	<0.0025			
6/24/2014									<0.0025
6/25/2014	<0.0025		<0.0025	<0.0025			<0.0025	<0.0025	
7/1/2014		<0.0025			<0.0025				
7/8/2014						<0.0025			
1/13/2015							<0.0025		
1/14/2015	<0.0025			<0.0025					
1/20/2015								<0.0025	<0.0025
1/21/2015					<0.0025	<0.0025			
1/22/2015		<0.0025							
7/21/2015	<0.0025		0.00042 (J)	<0.0025	<0.0025				
7/22/2015		<0.0025				<0.0025			
7/24/2015							<0.0025	<0.0025	
7/27/2015									<0.0025
1/19/2016						<0.0025			
1/20/2016		<0.0025		<0.0025			<0.0025	<0.0025	
1/21/2016	<0.0025								
1/22/2016					<0.0025				
1/26/2016									<0.0025
3/22/2016					<0.0025	<0.0025			

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.0025	<0.0025		<0.0025					
3/28/2016							<0.0025	<0.0025	
3/29/2016									<0.0025
3/31/2016			0.000546 (J)						
5/19/2016				<0.0025		0.000111 (J)			
5/20/2016	<0.0025								
5/23/2016					<0.0025		<0.0025		
5/24/2016		<0.0025						<0.0025	<0.0025
5/25/2016			0.000137 (J)						
7/21/2016	<0.0025			<0.0025		<0.0025	<0.0025	<0.0025	
7/22/2016									<0.0025
7/25/2016					<0.0025				
7/26/2016		<0.0025							
7/27/2016			<0.0025						
9/14/2016				<0.0025					
9/15/2016	<0.0025				<0.0025		<0.0025	<0.0025	<0.0025
9/16/2016		<0.0025							
11/9/2016					<0.0025				
11/10/2016		<0.0025		<0.0025					
11/11/2016	<0.0025								
11/15/2016							<0.0025		
11/16/2016								<0.0025	<0.0025
1/17/2017				<0.0025	<0.0025	<0.0025			
1/19/2017	<0.0025	<0.0025							
1/26/2017							<0.0025	<0.0025	<0.0025
3/15/2017						<0.0025			
3/16/2017	<0.0025			<0.0025	<0.0025				
3/17/2017		<0.0025							
3/22/2017							<0.0025	<0.0025	<0.0025
4/27/2017				<0.0025	<0.0025	<0.0025			
4/28/2017	<0.0025	<0.0025							
5/2/2017							<0.0025	<0.0025	<0.0025
7/18/2017						<0.0025			
8/1/2017			<0.0025		<0.0025	<0.0025			
8/2/2017		<0.0025		<0.0025					
8/3/2017	<0.0025						<0.0025	<0.0025	
8/4/2017									<0.0025
10/3/2017			<0.0025						
1/19/2018	<0.0025	<0.0025			<0.0025	<0.0025			
1/22/2018				<0.0025					
1/23/2018							<0.0025	<0.0025	<0.0025
6/19/2018	0.0005 (J)	<0.0025		<0.0025	<0.0025	<0.0025			
6/20/2018			<0.0025						
6/25/2018							<0.0025	<0.0025	<0.0025
1/17/2019	<0.0025	<0.0025		<0.0025					
1/18/2019			<0.0025			<0.0025			
1/21/2019					<0.0025				<0.0025
1/30/2019							<0.0025	<0.0025	
6/24/2019	<0.0025	<0.0025		<0.0025					
6/25/2019			0.00014 (J)		<0.0025	<0.0025			<0.0025
6/26/2019							<0.0025	<0.0025	
9/9/2019	<0.0025								

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.0025		<0.0025	<0.0025	<0.0025			<0.0025
9/11/2019			<0.0025						
9/12/2019							<0.0025	<0.0025	
3/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
3/12/2020									<0.0025
3/16/2020							<0.0025	<0.0025	
9/9/2020	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
9/10/2020		<0.0025							
9/11/2020								<0.0025	
9/14/2020									<0.0025
3/15/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
3/16/2021									<0.0025
3/17/2021							<0.0025	<0.0025	
8/16/2021	<0.0025				<0.0025				
8/18/2021		<0.0025	<0.0025	<0.0025		<0.0025		<0.0025	
8/19/2021							<0.0025		<0.0025
2/28/2022	<0.0025								
3/1/2022		<0.0025	<0.0025	<0.0025	<0.0025				
3/2/2022						<0.0025	<0.0025	<0.0025	<0.0025
8/9/2022	<0.0025	<0.0025	0.00018 (J)	<0.0025	<0.0025	8.5E-05 (J)			
8/11/2022							<0.0025	<0.0025	<0.0025
2/13/2023						<0.0025			
2/14/2023	9E-05 (J)	<0.0025	0.00015 (J)	<0.0025	8E-05 (J)				
2/20/2023							<0.0025	<0.0025	
2/21/2023									8.5E-05 (J)
8/8/2023			0.00012 (J)			<0.0025			
8/9/2023	<0.0025	<0.0025		<0.0025	<0.0025				<0.0025
8/14/2023							<0.0025	<0.0025	
2/13/2024	<0.0025								
2/14/2024		<0.0025		<0.0025	<0.0025	<0.0025	0.0001 (J)	<0.0025	
2/21/2024									<0.0025
7/29/2024				<0.0025	<0.0025				
7/30/2024	<0.0025	<0.0025				<0.0025			
7/31/2024			0.00011 (J)				<0.0025		
8/1/2024								<0.0025	<0.0025
2/10/2025				<0.0025	<0.0025				
2/11/2025	<0.0025	<0.0025				<0.0025			
2/13/2025									<0.0025
2/14/2025							<0.0025		
2/18/2025								<0.0025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.0025
9/7/2011	<0.0025	<0.0025							
9/13/2011				<0.0025	<0.0025	<0.0025	<0.0025		
9/16/2011								<0.0025	
10/26/2011									<0.0025
10/27/2011							<0.0025	<0.0025	
10/28/2011				<0.0025	<0.0025	<0.0025			
10/30/2011	<0.0025	<0.0025							
12/3/2011							<0.0025	<0.0025	<0.0025
12/4/2011		<0.0025		<0.0025	<0.0025	<0.0025			
12/5/2011	<0.0025								
1/19/2012	<0.0025	<0.0025							
1/24/2012					<0.0025	<0.0025	<0.0025		
1/25/2012									<0.0025
2/9/2012				<0.0025				<0.0025	
7/11/2012					<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025		<0.0025					
1/7/2013	<0.0025								
1/8/2013		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013								<0.0025	<0.0025
7/9/2013	<0.0025	<0.0025		<0.0025					
7/10/2013					<0.0025	<0.0025	<0.0025		
1/14/2014	<0.0025	<0.0025							<0.0025
1/15/2014				<0.0025					
1/21/2014					<0.0025	<0.0025	<0.0025	<0.0025	
6/24/2014	<0.0025	<0.0025						<0.0025	
6/25/2014				<0.0025					<0.0025
7/1/2014					<0.0025	<0.0025	<0.0025		
1/13/2015									<0.0025
1/14/2015							<0.0025	<0.0025	
1/20/2015	<0.0025	<0.0025							
1/21/2015				0.0014	<0.0025	<0.0025			
7/22/2015							0.00028 (J)	<0.0025	<0.0025
7/27/2015	<0.0025	<0.0025							
7/28/2015				0.0022	<0.0025	<0.0025			
1/25/2016			<0.0025						
1/26/2016	<0.0025	<0.0025		<0.0025	<0.0025				
1/27/2016						<0.0025	<0.0025	<0.0025	<0.0025
3/29/2016	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025			
3/30/2016			<0.0025				0.000222 (J)	<0.0025	<0.0025
5/24/2016	<0.0025	<0.0025							
5/25/2016			<0.0025	<0.0025	<0.0025	<0.0025	0.000327 (J)	<0.0025	<0.0025
7/22/2016					<0.0025				
7/25/2016		<0.0025		<0.0025					
7/26/2016	<0.0025					<0.0025	<0.0025	<0.0025	
7/27/2016			<0.0025						<0.0025
9/15/2016					<0.0025	<0.0025	0.00053 (J)		
9/16/2016			<0.0025						<0.0025
9/19/2016	<0.0025	<0.0025		<0.0025					
9/20/2016								<0.0025	
11/16/2016	<0.0025	<0.0025		<0.0025	<0.0025				
11/17/2016			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.0025								
1/31/2017		<0.0025		<0.0025	<0.0025	<0.0025			
2/1/2017			<0.0025				<0.0025	<0.0025	<0.0025
3/23/2017	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/24/2017			<0.0025						<0.0025
5/2/2017		<0.0025		<0.0025					
5/3/2017	<0.0025		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017						<0.0025		<0.0025	
8/7/2017	<0.0025	<0.0025		<0.0025	<0.0025		0.00051 (J)		<0.0025
8/8/2017			<0.0025						
1/24/2018	<0.0025	<0.0025		<0.0025	<0.0025				
1/25/2018			<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
6/20/2018				<0.0025		<0.0025	0.00047 (J)	<0.0025	<0.0025
6/21/2018	<0.0025	<0.0025	<0.0025						
6/26/2018					<0.0025				
1/22/2019	<0.0025	<0.0025				<0.0025	0.00021 (J)	<0.0025	
1/24/2019				<0.0025					
1/25/2019					<0.0025				<0.0025
1/31/2019			<0.0025						
6/25/2019	<0.0025	<0.0025				<0.0025	0.00021 (J)	<0.0025	<0.0025
6/26/2019			<0.0025	<0.0025	<0.0025				
9/10/2019	<0.0025								
9/11/2019					<0.0025				<0.0025
9/12/2019						<0.0025	0.00052 (J)		
9/16/2019		<0.0025		<0.0025					
9/17/2019			<0.0025					<0.0025	
3/12/2020	0.00032 (J)					<0.0025			
3/16/2020		<0.0025		0.00033 (J)				<0.0025	
3/17/2020			<0.0025				0.00036 (J)		<0.0025
3/18/2020					<0.0025				
9/10/2020			<0.0025	<0.0025	<0.0025	<0.0025	0.00043 (J)	<0.0025	
9/11/2020		<0.0025							<0.0025
9/14/2020	<0.0025								
3/16/2021	<0.0025	<0.0025			<0.0025				
3/17/2021				<0.0025		<0.0025	0.00043 (J)		<0.0025
3/18/2021			<0.0025					<0.0025	
8/19/2021					<0.0025				
8/20/2021	<0.0025		<0.0025						<0.0025
8/23/2021				<0.0025		<0.0025	<0.0025		
8/24/2021								<0.0025	
8/25/2021		<0.0025							
3/2/2022	<0.0025								
3/7/2022				<0.0025	<0.0025		<0.0025	<0.0025	
3/8/2022			<0.0025			<0.0025			<0.0025
3/9/2022		<0.0025							
8/11/2022	<0.0025								
8/15/2022				<0.0025		0.0001 (J)			
8/16/2022		9.5E-05 (J)	<0.0025		<0.0025		0.00045 (J)	<0.0025	<0.0025
2/15/2023	<0.0025	<0.0025	<0.0025		<0.0025				
2/17/2023							0.00011 (J)		
2/20/2023									<0.0025
2/21/2023				<0.0025		<0.0025		<0.0025	

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/9/2023	<0.0025	<0.0025							
8/10/2023			<0.0025						
8/14/2023				<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
8/16/2023						<0.0025			
2/14/2024				<0.0025					
2/19/2024		<0.0025				0.00026 (J)	0.0001 (J)		
2/20/2024			8E-05 (J)		<0.0025				
2/21/2024	<0.0025							<0.0025	<0.0025
7/30/2024	<0.0025								
7/31/2024		0.00032 (J)	<0.0025						
8/5/2024						<0.0025			<0.0025
8/6/2024				<0.0025	<0.0025		0.00037 (J)	<0.0025	
2/11/2025									<0.0025
2/13/2025	<0.0025								
2/17/2025					<0.0025		<0.0025		
2/18/2025		<0.0025		<0.0025		<0.0025		<0.0025	
2/19/2025			<0.0025						

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.0025	<0.0025	<0.0025						
8/31/2011				<0.0025	<0.0025				
9/15/2011						<0.0025			
9/16/2011							<0.0025		
9/17/2011									<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025						
10/27/2011				<0.0025	<0.0025				
10/29/2011						<0.0025	<0.0025		
10/31/2011									<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025						
12/4/2011				<0.0025	<0.0025				
12/13/2011						<0.0025	<0.0025		
12/14/2011									<0.0025
1/25/2012	<0.0025					<0.0025			
1/31/2012							<0.0025		
2/7/2012									<0.0025
2/8/2012			<0.0025	<0.0025	<0.0025				
2/9/2012		<0.0025							
7/11/2012	<0.0025	<0.0025	<0.0025	<0.0025					
7/17/2012					<0.0025				<0.0025
7/18/2012						<0.0025	<0.0025		
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025					
1/9/2013					<0.0025				
1/22/2013						<0.0025	<0.0025		
7/16/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/23/2013							<0.0025		
7/24/2013									<0.0025
1/14/2014	<0.0025	<0.0025							
1/21/2014			<0.0025	<0.0025	0.00029 (J)	<0.0025			
1/22/2014							<0.0025		
1/23/2014									<0.0025
6/24/2014		<0.0025	<0.0025	<0.0025	<0.0025				
6/25/2014	<0.0025					<0.0025			
7/1/2014							<0.0025		
7/8/2014								<0.0025	<0.0025
1/13/2015		<0.0025	<0.0025	<0.0025	<0.0025				
1/14/2015	<0.0025					<0.0025			
1/21/2015									<0.0025
1/22/2015							<0.0025		
7/23/2015		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/28/2015	<0.0025								
7/29/2015							<0.0025		
7/30/2015									<0.0025
7/31/2015								<0.0025	
1/20/2016								<0.0025	
1/21/2016							<0.0025		<0.0025
1/26/2016					<0.0025	<0.0025			
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025					
3/28/2016									<0.0025
3/29/2016							<0.0025		
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			0.000124 (J)	
3/31/2016						<0.0025			

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.0025						<0.0025	<0.0025	<0.0025
5/26/2016		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/25/2016		<0.0025	<0.0025	<0.0025					
7/26/2016					<0.0025	<0.0025			
7/27/2016	<0.0025						<0.0025	<0.0025	<0.0025
9/16/2016								<0.0025	
9/19/2016	<0.0025	<0.0025	<0.0025						<0.0025
9/20/2016				<0.0025	<0.0025	<0.0025	<0.0025		
11/15/2016									<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/18/2016							<0.0025	<0.0025	
1/24/2017									<0.0025
2/1/2017	<0.0025	<0.0025							
2/2/2017			<0.0025	<0.0025	<0.0025				
2/3/2017						<0.0025	<0.0025	0.0021 (J)	
3/23/2017									<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025						
3/28/2017				<0.0025	<0.0025	<0.0025	<0.0025		
3/29/2017								<0.0025	
5/2/2017									<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025			<0.0025			
5/4/2017				<0.0025	<0.0025		<0.0025	<0.0025	
8/3/2017									<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
8/8/2017						<0.0025	<0.0025	<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
1/26/2018				<0.0025	<0.0025				
6/20/2018					<0.0025	<0.0025	<0.0025		
6/21/2018		<0.0025	<0.0025	<0.0025					
6/26/2018	<0.0025								
6/27/2018								<0.0025	<0.0025
1/24/2019	<0.0025				<0.0025	<0.0025			<0.0025
1/25/2019							<0.0025		
1/28/2019		<0.0025	<0.0025	<0.0025					
1/31/2019								<0.0025	
6/25/2019	<0.0025			<0.0025	<0.0025	0.00057 (J)			<0.0025
6/26/2019			<0.0025				<0.0025	<0.0025	
6/27/2019		<0.0025							
9/10/2019						0.00046 (J)			
9/11/2019	<0.0025	<0.0025		<0.0025	0.00018 (J)			<0.0025	0.0002 (J)
9/12/2019			<0.0025				<0.0025		
3/12/2020								<0.0025	<0.0025
3/17/2020	<0.0025	<0.0025							
3/18/2020			<0.0025	<0.0025	<0.0025	0.00062 (J)	<0.0025		
9/10/2020						<0.0025	<0.0025		
9/14/2020	<0.0025	<0.0025							<0.0025
9/15/2020			<0.0025	<0.0025	<0.0025			<0.0025	
3/15/2021						<0.0025			
3/16/2021	<0.0025	<0.0025		<0.0025	0.00025 (J)				
3/17/2021			<0.0025						<0.0025
3/18/2021							<0.0025	<0.0025	
8/19/2021					<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.0025								
8/23/2021							<0.0025		
8/24/2021		<0.0025	<0.0025	<0.0025					
3/7/2022				<0.0025	<0.0025				
3/8/2022	<0.0025	<0.0025	0.00097 (J)			<0.0025			<0.0025
3/9/2022							<0.0025		
3/10/2022								<0.0025	
8/10/2022									<0.0025
8/11/2022	<0.0025	<0.0025	<0.0025						
8/16/2022				<0.0025	9.5E-05 (J)		<0.0025		
8/17/2022						<0.0025			
8/18/2022								<0.0025	
2/14/2023						9E-05 (J)			
2/16/2023								8E-05 (J)	
2/20/2023	<0.0025	<0.0025							
2/21/2023			<0.0025		0.00012 (J)		<0.0025		<0.0025
2/22/2023				<0.0025					
8/9/2023		<0.0025	<0.0025	<0.0025	8.5E-05 (J)				
8/10/2023	<0.0025								
8/14/2023						<0.0025			
8/15/2023							<0.0025		<0.0025
8/16/2023								<0.0025	
2/14/2024						0.00024 (J)			
2/19/2024					<0.0025		<0.0025		
2/20/2024	0.00026 (J)			<0.0025					
2/21/2024		<0.0025	<0.0025						<0.0025
2/22/2024								<0.0025	
7/30/2024					0.0001 (J)		<0.0025		
8/1/2024									<0.0025
8/2/2024				<0.0025					
8/6/2024			<0.0025			<0.0025		<0.0025	
8/7/2024	<0.0025	<0.0025							
2/11/2025					<0.0025	<0.0025	<0.0025		
2/13/2025	<0.0025	<0.0025							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.0025		<0.0025			
9/16/2011						<0.0025	<0.0025	<0.0025
9/17/2011	<0.0025	<0.0025		<0.0025				
10/28/2011			<0.0025					
10/29/2011	<0.0025	<0.0025						
10/30/2011						<0.0025		
10/31/2011				<0.0025	<0.0025		<0.0025	<0.0025
12/12/2011							<0.0025	<0.0025
12/13/2011			<0.0025		<0.0025	<0.0025		
12/14/2011	<0.0025	<0.0025						
1/25/2012		<0.0025						
2/1/2012					<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012	<0.0025			<0.0025				
2/8/2012			<0.0025					
7/16/2012							<0.0025	<0.0025
7/17/2012	<0.0025	<0.0025			<0.0025	<0.0025		
7/18/2012			<0.0025					
1/22/2013							<0.0025	<0.0025
1/23/2013				<0.0025	<0.0025	<0.0025		
1/24/2013	<0.0025	<0.0025	<0.0025					
7/2/2013								<0.0025
7/17/2013						<0.0025	<0.0025	
7/24/2013	<0.0025	<0.0025	<0.0025		<0.0025			
1/21/2014								<0.0025
1/23/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
6/25/2014							<0.0025	<0.0025
7/1/2014			<0.0025	<0.0025	<0.0025			
7/8/2014	<0.0025	<0.0025						
1/14/2015							<0.0025	<0.0025
1/20/2015			<0.0025		<0.0025	<0.0025		
1/21/2015	<0.0025	<0.0025		<0.0025				
7/28/2015								<0.0025
7/29/2015						<0.0025	<0.0025	
7/30/2015		<0.0025	<0.0025		<0.0025			
7/31/2015	<0.0025							
1/19/2016			<0.0025					
1/21/2016							<0.0025	<0.0025
1/22/2016		<0.0025						
1/25/2016	<0.0025			<0.0025	<0.0025	<0.0025		
3/23/2016		<0.0025	<0.0025		<0.0025	<0.0025		
3/24/2016	<0.0025						<0.0025	<0.0025
3/30/2016				<0.0025				
5/20/2016			<0.0025					
5/23/2016							<0.0025	<0.0025
5/24/2016		<0.0025			<0.0025	<0.0025		
5/25/2016	<0.0025			<0.0025				
7/21/2016			<0.0025				<0.0025	<0.0025
7/22/2016					<0.0025	<0.0025		
7/26/2016	<0.0025	<0.0025						
7/27/2016				<0.0025				
9/15/2016							<0.0025	<0.0025
9/16/2016					<0.0025	<0.0025		

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.0025	<0.0025						
9/20/2016			<0.0025					
11/11/2016		<0.0025						
11/14/2016	<0.0025		<0.0025					
11/15/2016					<0.0025		<0.0025	<0.0025
11/17/2016						<0.0025		
1/19/2017	<0.0025							
1/20/2017		<0.0025						
1/24/2017			<0.0025					
1/25/2017				<0.0025		<0.0025	<0.0025	
1/26/2017					<0.0025			<0.0025
3/16/2017	<0.0025	<0.0025						
3/17/2017			<0.0025					
3/22/2017							<0.0025	<0.0025
3/23/2017				<0.0025		<0.0025		
3/24/2017					<0.0025			
4/28/2017		<0.0025						
5/1/2017	<0.0025		<0.0025			<0.0025	<0.0025	
5/2/2017				<0.0025	<0.0025			<0.0025
7/19/2017				<0.0025				
8/3/2017	<0.0025	<0.0025			<0.0025		<0.0025	<0.0025
8/4/2017			<0.0025	<0.0025		<0.0025		
1/19/2018		<0.0025						
1/22/2018	<0.0025							
1/23/2018				<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/24/2018			<0.0025					
6/19/2018								<0.0025
6/20/2018							<0.0025	
6/21/2018			<0.0025					
6/26/2018					<0.0025	<0.0025		
6/27/2018	<0.0025	<0.0025		<0.0025				
1/21/2019								<0.0025
1/24/2019	<0.0025	<0.0025						
1/28/2019							<0.0025	
1/30/2019			<0.0025		<0.0025	<0.0025		
1/31/2019				<0.0025				
6/25/2019	<0.0025							
6/26/2019		<0.0025		<0.0025		<0.0025	<0.0025	<0.0025
6/27/2019			<0.0025		<0.0025			
9/10/2019			<0.0025					
9/11/2019				<0.0025			<0.0025	
9/12/2019	<0.0025	<0.0025			<0.0025	<0.0025		<0.0025
3/11/2020			<0.0025				<0.0025	<0.0025
3/12/2020		<0.0025				<0.0025		
3/13/2020	<0.0025							
3/17/2020				<0.0025				
3/18/2020					<0.0025			
9/9/2020		<0.0025						
9/10/2020			<0.0025					
9/11/2020				<0.0025			<0.0025	<0.0025
9/15/2020	<0.0025				<0.0025			
9/16/2020						<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				<0.0025			<0.0025	<0.0025
3/17/2021	<0.0025				<0.0025			
3/18/2021		<0.0025	<0.0025			<0.0025		
8/18/2021								<0.0025
8/19/2021	<0.0025							
8/23/2021		<0.0025	<0.0025					
8/24/2021					<0.0025	<0.0025	<0.0025	
8/25/2021				<0.0025				
3/2/2022			<0.0025				<0.0025	<0.0025
3/8/2022		<0.0025						
3/9/2022	<0.0025				<0.0025	<0.0025		
3/10/2022				<0.0025				
8/10/2022	<0.0025	<0.0025	<0.0025		<0.0025		0.00016 (J)	
8/15/2022						<0.0025		<0.0025
8/16/2022				<0.0025				
2/14/2023			<0.0025					
2/15/2023					<0.0025			
2/20/2023		<0.0025				<0.0025	0.00014 (J)	<0.0025
2/21/2023	<0.0025							
2/22/2023				8E-05 (J)				
8/15/2023		<0.0025			<0.0025	<0.0025		
8/16/2023	<0.0025		<0.0025	<0.0025			<0.0025	<0.0025
2/20/2024	<0.0025	<0.0025			<0.0025	<0.0025		
2/21/2024			<0.0025	<0.0025				
2/22/2024							0.0002 (J)	<0.0025
7/30/2024		<0.0025						
7/31/2024						<0.0025		
8/2/2024	<0.0025			9.5E-05 (J)				
8/5/2024			9.5E-05 (J)				<0.0025	<0.0025
8/6/2024					<0.0025			
2/11/2025		<0.0025						
2/13/2025	<0.0025		<0.0025				<0.0025	
2/18/2025				<0.0025				<0.0025
2/19/2025					<0.0025	<0.0025		

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					2.86	4.65			
3/23/2016	0.893	3.09		24.2					
3/28/2016							23.9	10.8	
3/29/2016									70.8
3/31/2016			39.6						
5/19/2016				33.6		5.08			
5/20/2016	0.784								
5/23/2016					2.81		26.3		
5/24/2016		3.51						13	63.2
5/25/2016			28.3						
7/21/2016	0.6			30		4.7	21	12	
7/22/2016									56
7/25/2016					2.4				
7/26/2016		3.1							
7/27/2016			22						
9/14/2016				31					
9/15/2016	0.7				2.5		20	16	60
9/16/2016		3.6							
11/9/2016					2.6				
11/10/2016		3.7		27					
11/11/2016	0.59								
11/15/2016							20		
11/16/2016								14	59
1/17/2017				26	2.4	3.7			
1/19/2017	0.59	4.2							
1/26/2017							16	13	61
3/15/2017						3.8			
3/16/2017	0.72			27	2.7				
3/17/2017		3.4							
3/22/2017							17	12	56
4/27/2017				27	2.4	3.9			
4/28/2017	0.72	3.9							
5/2/2017							38	12	59
7/18/2017						3.9			
8/1/2017			72			3.8			
10/3/2017		4.2	91 (O)	30	2.7	4.1	27	14	57
10/4/2017	0.73								
1/19/2018	0.7	3.8			2.6	3.7			
1/22/2018				33					
1/23/2018							31	14	51
3/15/2018					2.5	4			
6/19/2018	0.75	3.4		26	2.5	4.1			
6/20/2018			43						
6/25/2018							35	12	54
9/25/2018	0.73	4		29	2.8	4.6		15	
10/2/2018									52
10/3/2018							32		
1/17/2019	0.74	3.5		22					
1/18/2019			10			4.2			
1/21/2019					3				52
1/30/2019							34	12	
6/24/2019	0.76	5		27					

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/25/2019			10		3	4.8			50
6/26/2019							39	12	
9/9/2019	0.8								
9/10/2019		4.2		31	2.9	4.8			50
9/11/2019			11						
9/12/2019							31	16	
3/10/2020	0.85	3.3	11	26	2.9	4.1			
3/12/2020									47
3/16/2020							33	12	
9/9/2020	0.81		12	26	2.8	3.9	32		
9/10/2020		3.4							
9/11/2020								15	
9/14/2020									43
3/15/2021	0.82	3.2	16	21	3	4.6			
3/16/2021									47
3/17/2021							34	15	
8/16/2021	0.77				2.7				
8/18/2021		3.3	16	24		4.2		16	
8/19/2021							35		47
2/28/2022	0.76								
3/1/2022		3	15	24	2.8				
3/2/2022						4.3	30	14	47
8/9/2022	0.83	3.8	17	34	3.3	5.3			
8/11/2022							28	15	43
2/13/2023						4.7			
2/14/2023	0.9	3.1	18	28	3.4				
2/20/2023							30	15	
2/21/2023									50
8/8/2023			19			5.2			
8/9/2023	0.87	3.4		36	3.5				47
8/14/2023							32	16	
2/13/2024	0.86								
2/14/2024		3.4		38	3.2	4.5	30	15	
2/21/2024									44
7/29/2024				30	3.7				
7/30/2024	0.89	3.5				4.7			
7/31/2024			24				32		
8/1/2024								17	48
2/10/2025				32	3.6				
2/11/2025	0.84	4.8				4.8			
2/13/2025									38
2/14/2025							31		
2/18/2025								16	

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	27.2	12.6		15	32.6	3.91			
3/30/2016			27.6				13.8	13.3	6.72
5/24/2016	30.8	14.9							
5/25/2016			28.5	18.5	38.3	4.06	22.2	10.6	7.09
7/22/2016					32				
7/25/2016		23		14					
7/26/2016	24					3.7	28	7.2	
7/27/2016			29						6.4
9/15/2016					33	3.7	30		
9/16/2016			27						6.7
9/19/2016	30	25		18					
9/20/2016								6.9	
11/16/2016	30	28		15	34				
11/17/2016			29			3.5	46	6.1	6.3
1/26/2017	29								
1/31/2017		18		8	40	4.1			
2/1/2017			26				15	9.6	6.8
3/23/2017	33	19		9.3	37	3.9	18	9.9	
3/24/2017			24						6.3
5/2/2017		18		14					
5/3/2017	28		29		41	4.1	18	9.4	6.9
10/3/2017		19							
10/4/2017			32	16	40		48	9.3	
10/5/2017	28					4.5			7.4
1/24/2018	25	16		12	38				
1/25/2018			22			4.6	19	11	7.1
6/20/2018				13		4	45	11	6.9
6/21/2018	29	13	13						
6/26/2018					38				
9/26/2018	34	18							
9/27/2018			13	9					
9/28/2018					46				
10/1/2018							22	8	7
10/2/2018						4.2			
1/22/2019	22	11				4.4	25	13	
1/24/2019				3.8					
1/25/2019					46				7
1/31/2019			15						
6/25/2019	29	14				4.3	26	9.8	7
6/26/2019			16	11	43				
9/10/2019	30								
9/11/2019					42				7.1
9/12/2019						4.2	52		
9/16/2019		19		14					
9/17/2019			7.2					7.7	
3/12/2020	19					4.3			
3/16/2020		8.9		3.1				14	
3/17/2020			15				40		7.4
3/18/2020					46				
9/10/2020			29	21	46	4.6	39	7.8	
9/11/2020		14							6.9
9/14/2020	27								

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/16/2021	28	11			52				
3/17/2021				13		4.4	38		7.3
3/18/2021			19					12	
8/19/2021					51				
8/20/2021	28		14						7.1
8/23/2021				9.1		4.2	21		
8/24/2021								8.6	
8/25/2021		12							
3/2/2022	24								
3/7/2022				6.9	48		31	11	
3/8/2022			16			3.9			6.6
3/9/2022		8.1							
8/11/2022	24								
8/15/2022				8.7		4.2			
8/16/2022		14	21		54		39	7.7	7
2/15/2023	23	8.1	15		55				
2/17/2023							23		
2/20/2023									7.5
2/21/2023				3.4		5.3		10	
8/9/2023	26	14							
8/10/2023			16						
8/14/2023				7.2	53		21	9	7.8
8/16/2023						4.3			
2/14/2024				6.7					
2/19/2024		7.2				5.1	26		
2/20/2024			13		49				
2/21/2024	20							10	7.6
7/30/2024	22								
7/31/2024		9.5	19						
8/5/2024						4.8			7.5
8/6/2024				7.9	55		36	7.8	
2/11/2025									10
2/13/2025	26								
2/17/2025					59		19		
2/18/2025		8.7		8.8		5.8		11	
2/19/2025			16						

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									12.3
3/29/2016							3.32		
3/30/2016	8.15	6.88	8.32	8.78	2.98			1.01	
3/31/2016						11.5			
5/25/2016	8.68						3.4	0.69	7.2
5/26/2016		6.42	6.78	9.13	3.16	11.5			
7/25/2016		5.3	4.7	7.7					
7/26/2016					2.9	9.5			
7/27/2016	7.9						2.9	0.4	5.4
9/16/2016								1.3	
9/19/2016	7.8	5.4	4.3						8.4
9/20/2016				8.9	3.6	11	3.3		
11/15/2016									10
11/17/2016	7.5	5.5	4.1	7.9	2.8	10			
11/18/2016							2.9	1.3	
1/24/2017									14
2/1/2017	8.7	7.3							
2/2/2017			14	8.9	3.3				
2/3/2017						11	3.3	1.2	
3/23/2017									13
3/24/2017	7.5	6.4	8.7						
3/28/2017				7.9	3.2	9.8	3.1		
3/29/2017								1.3	
5/2/2017									41
5/3/2017	8.2	6.8	9.9			10			
5/4/2017				9.1	3.1		3.3	1.6	
10/4/2017	9.1								
10/5/2017		7.3	7.5			11	3.6	1.4	11
10/6/2017				9.4	4.1				
1/25/2018	8.3	7.1	8.5			10	3.3	1.3	12
1/26/2018				8.5	3.2				
6/20/2018					3.6	10	3.4		
6/21/2018		6.4	7.3	8.6					
6/26/2018	7.7								
6/27/2018								0.38	8.5
9/26/2018									9.2
9/27/2018			5.9	9.8	4.6				
9/28/2018		6.9						0.81	
10/1/2018						10	3.6		
10/2/2018	8.2								
1/24/2019	7.7				4.1	10			5.4
1/25/2019							3.7		
1/28/2019		7	9.9	8.6					
1/31/2019								0.39	
6/25/2019	8.4			9	5	12			3.5
6/26/2019			7.3				3.6	0.34 (J)	
6/27/2019		7							
9/10/2019						11			
9/11/2019	8	7		8.4	4.1			0.9	6
9/12/2019			5.4				3.6		
3/12/2020								0.42 (J)	8.9
3/17/2020	8.5	7.6							

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/18/2020			11	8.9	7.3	11	4		
9/10/2020						10	3.7		
9/14/2020	6.6	7.3							3.4
9/15/2020			5.7	8.1	6.4			0.15 (J)	
3/15/2021						11			
3/16/2021	7.9	7.8		8.9	6				
3/17/2021			9.6						7.1
3/18/2021							3.5	0.18 (J)	
8/19/2021					10	11		0.32 (J)	7.4
8/20/2021	8.7								
8/23/2021							3.9		
8/24/2021		7.8	9.3	9.2					
3/7/2022				8.6	6.5				
3/8/2022	7.9	7.5	9			11			7.3
3/9/2022							3.5		
3/10/2022								0.14 (J)	
8/10/2022									7.6
8/11/2022	7.8	6.6	4.7						
8/16/2022				8.8	7		3.5		
8/17/2022						9.8			
8/18/2022								0.3 (J)	
2/14/2023						11			
2/16/2023								0.19 (J)	
2/20/2023	13	8.5							
2/21/2023			11		5.7		4		7.4
2/22/2023				9.3					
8/9/2023		8.4	5.7	9.6	9.3				
8/10/2023	9.8								
8/14/2023						11			
8/15/2023							4.2		7.1
8/16/2023								0.2 (J)	
2/14/2024						11			
2/19/2024					5.5		3.8		
2/20/2024	12			9.7					
2/21/2024		8.7	11						8.3
2/22/2024								1.4	
7/30/2024					7.7		4.1		
8/1/2024									10
8/2/2024				10					
8/6/2024			5.7			11		1.3	
8/7/2024	12	8.9							
2/11/2025					12	11	4.1		
2/13/2025	11	8.7							
2/14/2025			9.2	9.1				1	7.3

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		1.73	3.03		5.18	13.8		
3/24/2016	1.72						3.27	1.97
3/30/2016				11.3				
5/20/2016			3.37					
5/23/2016							2.82	1.97
5/24/2016		0.745			6.58	9.38		
5/25/2016	1.68			12.9				
7/21/2016			2.9				2.6	1.7
7/22/2016					7.1	9		
7/26/2016	1.4	1.4						
7/27/2016				12				
9/15/2016							2.9	1.9
9/16/2016					8.7	11		
9/19/2016	1.5	1.2						
9/20/2016			3.2					
11/11/2016		3.3						
11/14/2016	1.8		2.8					
11/15/2016					6.9		2.5	1.8
11/17/2016						55 (O)		
1/19/2017	1.6							
1/20/2017		2.2						
1/24/2017			3.1					
1/25/2017				8.3		<0.25	2.7	
1/26/2017					13			2.2
3/16/2017	1.7	1						
3/17/2017			2.9					
3/22/2017							2.7	1.8
3/23/2017				10		15		
3/24/2017					12			
4/28/2017		0.88						
5/1/2017	1.6		3			10	3.1	
5/2/2017				9.8	15			2.1
7/19/2017				10				
8/4/2017				13		11		
10/3/2017		1.1					3.2	2.1
10/4/2017	1.8		3.3					
10/5/2017						16		
10/6/2017				13	15			
1/19/2018		2.5						
1/22/2018	1.9							
1/23/2018				11	12	10	3	2.2
1/24/2018			3.2					
3/16/2018		0.73		12	14			
6/19/2018								2
6/20/2018							3.2	
6/21/2018			3.3					
6/26/2018					7.1	13		
6/27/2018	1.7	2.4		9.6				
9/27/2018	2.1	3.4						
10/1/2018								2.1
10/2/2018					7.7	15	3.1	
10/3/2018			3.3	11				

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/21/2019								2
1/24/2019	1.9	0.71						
1/28/2019							2.9	
1/30/2019			3.4		7	17		
1/31/2019				11				
6/25/2019	1.8							
6/26/2019		3.7		11		19	2.8	2
6/27/2019			3.6		7.6			
9/10/2019			4					
9/11/2019				12			3.3	
9/12/2019	1.8	1.2			10	14		1.9
3/11/2020			4.1				2.6	1.8
3/12/2020		0.94				19		
3/13/2020	2.3							
3/17/2020				10				
3/18/2020					12			
9/9/2020		2.3						
9/10/2020			3.9					
9/11/2020				11			2.7	2.1
9/15/2020	2				6.6			
9/16/2020						14		
3/16/2021				9.7			3	2.2
3/17/2021	2.1				8.5			
3/18/2021		3.1	3.9			17		
8/18/2021								2.3
8/19/2021	2.1							
8/23/2021		1.6	3.5					
8/24/2021					6.1	17	2.7	
8/25/2021				9.4				
3/2/2022			3.6				2.8	2.6
3/8/2022		2.4						
3/9/2022	2				5.4	20		
3/10/2022				8.3				
8/10/2022	1.7	3.1	3.6		6.7		3.1	
8/15/2022						14		2.9
8/16/2022				7.4				
2/14/2023			3.5					
2/15/2023					6.8			
2/20/2023		1.1				17	3.6	3
2/21/2023	2							
2/22/2023				8.6				
8/15/2023		2.8			6.7	19		
8/16/2023	1.9		3.8	11			3.5	4
2/20/2024	1.8	1.7			6.7	17		
2/21/2024			4	7.1				
2/22/2024							3.7	4.9
7/30/2024		2.7						
7/31/2024						19		
8/2/2024	1.7			9.5				
8/5/2024			3.6				3.5	7.2
8/6/2024					7.4			
2/11/2025		2.1						

Time Series

Constituent: Calcium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/13/2025	1.7		3.3				3.1	
2/18/2025				7.8				7.7
2/19/2025					7.6	18		

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					1.3716	1.5096			
3/23/2016	1.8057	2.5102		9.041					
3/28/2016							9.818	5.312	
3/29/2016									8.5125 (O)
3/31/2016			8.3045						
5/19/2016				13.1		1.51			
5/20/2016	1.84								
5/23/2016					1.33		10.4		
5/24/2016		4.52						6.21	32.8
5/25/2016			10.1						
7/21/2016	1.9			17		1.6	11	6.6	
7/22/2016									31
7/25/2016					1.4				
7/26/2016		4							
7/27/2016			10						
9/14/2016				17					
9/15/2016	1.8				1.3		10	6.1	29
9/16/2016		4.1							
11/9/2016					1.4				
11/10/2016		4.6		23					
11/11/2016	1.8								
11/15/2016							11		
11/16/2016								6.2	32
1/17/2017				14	1.3	1.3			
1/19/2017	1.8	5.6							
1/26/2017							9.2	5.8	29
3/15/2017						1.3			
3/16/2017	1.7			16	1.2				
3/17/2017		4.4							
3/22/2017							8.7	5.2	28
4/27/2017				15	1.2	1.4			
4/28/2017	1.7	4.7							
5/2/2017							13	5.1	26
7/18/2017						1.2			
8/1/2017						1.3			
10/3/2017		4.7	9.5	17	1.2	1.2	12	5.4	23
10/4/2017	1.7								
1/19/2018	1.6	4.3			1.1	1			
1/22/2018				15					
1/23/2018							13	5.1	18
3/15/2018					1.3	1.3			
6/19/2018	1.7	3.6		12	1.2	1.2			
6/20/2018			12						
6/25/2018							12	5.5	19
9/25/2018	1.7	4.9		17	1.2	1.2		6.3	
10/2/2018									19
10/3/2018							17		
1/17/2019	1.8	3.7		11					
1/18/2019			19			1.3			
1/21/2019					1.2				17
1/30/2019							15	5.3	
6/24/2019	1.7	6.1		11					

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/25/2019			<1		1.3	24			16
6/26/2019							10	6	
9/9/2019	1.9								
9/10/2019		5.1		17	1.3	1.3			15
9/11/2019			22						
9/12/2019							13	7.7	
3/10/2020	2	3.9	43	10	1.4	1.1			
3/12/2020									13
3/16/2020							9.5	9.7	
9/9/2020	2		34	13	1.3	1.2	10		
9/10/2020		5.1							
9/11/2020								8.1	
9/14/2020									12
3/15/2021	2.2	4	49	6.7	1.2	1.2			
3/16/2021									13
3/17/2021							9.7	7.8	
8/16/2021	2.3				1.5				
8/18/2021		5.2	41	11		1.4		7.5	
8/19/2021							10		12
2/28/2022	2.1								
3/1/2022		4.2	15	8.6	1.2				
3/2/2022						1.2	11	7.6	22
8/9/2022	2	5.3	44	14	1.2	1.1			
8/11/2022							10	8.4	26
2/13/2023						1			
2/14/2023	2	3.6	18	9.9	1.2				
2/20/2023							9.4	5.7	
2/21/2023									35
8/8/2023			59			1.2			
8/9/2023	2.1	5.4		13	1.3				19
8/14/2023							9.7	6.7	
2/13/2024	2								
2/14/2024		2.8		12	1.1	0.93 (J)	11	5.3	
2/21/2024									27
7/29/2024				11	1.4				
7/30/2024	2.2	5.1				1.3			
7/31/2024			16				12		
8/1/2024								7.1	15
2/10/2025				14	1.4				
2/11/2025	2.8	4.4				1.1			
2/13/2025									21
2/14/2025							14		
2/18/2025								5.7	

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	3.5914	7.395		3.4214	10.931	1.3057			
3/30/2016			3.7204				49.11	9.921	1.4751
5/24/2016	3.16	16.4							
5/25/2016			3.89	5.33	10.5	1.27	65.8	6.31	1.43
7/22/2016					13				
7/25/2016		55		5.8					
7/26/2016	5.9					1.4	64	3.6	
7/27/2016			6.5						1.7
9/15/2016					13	1.3	110		
9/16/2016			5.9						1.5
9/19/2016	5.4	73		5.2					
9/20/2016								2.7	
11/16/2016	6.2	83		6.7	14				
11/17/2016			7.9			1.2	180	2.5	1.4
1/26/2017	3.6								
1/31/2017		17		2.1	17	1.2			
2/1/2017			4.9				46	5.4	1.4
3/23/2017	3.9	8.2		2	20	1.2	68	6.6	
3/24/2017			2.6						1.3
5/2/2017		11		3.3					
5/3/2017	6.1		3.9		18	1.1	49	5.1	1.3
10/3/2017		10							
10/4/2017			3.9	3.5	18		160	4.2	
10/5/2017	6.4					1.1			1.3
12/1/2017							150		
1/24/2018	3.5	5.6		2.3	19				
1/25/2018			4.2			1	52	6.5	1.2
6/20/2018				3.1		1.2	150	3.4	1.3
6/21/2018	4.5	4.5	4.6						
6/26/2018					20				
9/26/2018	5.4	19							
9/27/2018			5.4	3.3					
9/28/2018					21				
10/1/2018							74	4.3	1.4
10/2/2018						1.3			
1/22/2019	2.8	2.3				1.2	80	9.1	
1/24/2019				0.94 (J)					
1/25/2019					23				1.5
1/31/2019			4						
6/25/2019	3.9	7.7				1.3	82	5.8	1.5
6/26/2019			4.2	3.2	21				
9/10/2019	6								
9/11/2019					23				1.6
9/12/2019						1	190		
9/16/2019		29		3.1					
9/17/2019			3.6					2.8	
3/12/2020	2.9					1.3			
3/16/2020		2.3		0.81 (J)				9.5	
3/17/2020			3.7				120		1.9
3/18/2020					22				
9/10/2020			4.6	4.2	25	1.4	140	3.7	
9/11/2020		17							1.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
9/14/2020	5.5								
3/16/2021	3.7	3.3			27				
3/17/2021				2.8		1.4	140		1.6
3/18/2021			3.2					6.3	
8/19/2021					27				
8/20/2021	4.1		4.8						1.8
8/23/2021				2.7		1.3	99		
8/24/2021								5.1	
8/25/2021		7.4							
3/2/2022	3								
3/7/2022				1.4	33		160	8.8	
3/8/2022			4.8			1.4			1.7
3/9/2022		4							
8/11/2022	5.3								
8/15/2022				2.3		1.3			
8/16/2022		11	3.7		31		150	3.7	1.6
2/15/2023	2	4	4.8		25				
2/17/2023							84		
2/20/2023									1.4
2/21/2023				0.8 (J)		1.1		3	
8/9/2023	5.4	12							
8/10/2023			5.8						
8/14/2023				1.9	25		44	3.8	1.4
8/16/2023						1.4			
2/14/2024				1.4					
2/19/2024		6.7				1.8	110		
2/20/2024			7.4		26				
2/21/2024	3							6.4	2
7/30/2024	3.4 (J)								
7/31/2024		6.1	6.7						
8/5/2024						1.5			1.7
8/6/2024				2	26		130	3.3	
2/11/2025									2.4
2/13/2025	4.5								
2/17/2025					29		41		
2/18/2025		7.1		1.7		1.4		5.9	
2/19/2025			7						

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									5.992
3/29/2016							1.9463		
3/30/2016	1.3046	1.9012	2.2278	2.0074	3.9326			4.6264	
3/31/2016						1.8479			
5/25/2016	1.31						1.96	4.6	
5/26/2016		1.78	1.53	2	3.59	1.71			8.14
7/25/2016		1.7	1.5	2.1					
7/26/2016					3.3	1.8			
7/27/2016	1.4						2.1	4.9	6.3
9/16/2016								3.6	
9/19/2016	1.3	1.6	1.4						5.1
9/20/2016				2	3.1	1.7	1.9		
11/15/2016									3.9
11/17/2016	1.3	1.5	1.4	1.9	3	1.7			
11/18/2016							1.8	3.4	
1/24/2017									3.6
2/1/2017	1.2	1.9							
2/2/2017			3.1	1.9	<1				
2/3/2017						1.6	1.9	3.6	
3/23/2017									3.2
3/24/2017	1.1	1.8	2.1						
3/28/2017				1.8	3.4	1.5	1.8		
3/29/2017								3.2	
5/2/2017									3.5
5/3/2017	1.2	1.6	1.8			1.5			
5/4/2017				1.9	3.4		1.8	3.2	
10/4/2017	1.1								
10/5/2017		1.5	1.6			1.5	1.8	3.3	3.5
10/6/2017				1.8	3.2				
1/25/2018	0.99 (J)	1.6	1.7			1.3	1.6	3.1	3.6
1/26/2018				1.6	3.3				
6/20/2018					3.5	1.5	1.9		
6/21/2018		1.5	1.6	1.9					
6/26/2018	1.1								
6/27/2018								3.8	5.2
9/26/2018									5.6
9/27/2018			1.3	1.8	3.1				
9/28/2018		1.6						3.8	
10/1/2018						1.6	1.9		
10/2/2018	1.2								
1/24/2019	1.2				4.1	1.6			8.7
1/25/2019							2		
1/28/2019		1.7	2.2	2					
1/31/2019								4.1	
6/25/2019	1.2			1.9	3.5	1.7			9
6/26/2019			1.5				2	4.4	
6/27/2019		1.6							
9/10/2019						1.6			
9/11/2019	1.1	1.5		1.9	2.9			4.2	7.9
9/12/2019			1.3				1.9		
3/12/2020								4.2	6.9
3/17/2020	1.3	1.9							

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/18/2020			2.5	2.1	3.8	1.8	2.1		
9/10/2020						1.6	2.1		
9/14/2020	1.3	1.8							8.2
9/15/2020			1.4	2	3.2			4.9	
3/15/2021						1.5			
3/16/2021	1.2	1.8		2	3.5				
3/17/2021			2.2						5.9
3/18/2021							2	4.4	
8/19/2021					15	1.8		5.2	5.9
8/20/2021	1.4								
8/23/2021							2.2		
8/24/2021		2	1.9	2.5					
3/7/2022				2.3	3.7				
3/8/2022	0.86 (J)	1.6	1.5			1.3			4.6
3/9/2022							1.4		
3/10/2022								3.2	
8/10/2022									7.4
8/11/2022	1.2	1.6	1.2						
8/16/2022				1.9	2.7		2		
8/17/2022						1.5			
8/18/2022								5.2	
2/14/2023						1.4			
2/16/2023								4.5	
2/20/2023	1.2	1.5							
2/21/2023			1.7		2.6		1.7		5.9
2/22/2023				1.7					
8/9/2023		1.7	1.3	2	2.6				
8/10/2023	1.3								
8/14/2023						1.4			
8/15/2023							1.9		8.9
8/16/2023								4.1	
2/14/2024						1.4			
2/19/2024					3.5		2.4		
2/20/2024	1.6			2.5					
2/21/2024		2.1	2.5						8.3
2/22/2024								5.5	
7/30/2024					4.9 (J)		2.2		
8/1/2024									7.4
8/2/2024				3.4					
8/6/2024			1.4			2		4.9	
8/7/2024	7.1	1.8							
2/11/2025					3.9	2.1	2.7		
2/13/2025	1.7	2.1							
2/14/2025			2.1	2.2				5.3	9.2

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		1.0825	1.3598		1.0533	2.2604		
3/24/2016	2.8217						1.2259	4.4998
3/30/2016				1.9069				
5/20/2016			1.4					
5/23/2016							1.19	4.19
5/24/2016		1.08			1.1			
5/25/2016	2.93			1.89				
7/21/2016			1.4				1.3	4.4
7/22/2016					1.1			
7/26/2016	3	1.1						
9/15/2016							1.2	4
9/16/2016					1.1			
9/19/2016	2.9	1						
9/20/2016			1.3					
11/11/2016		0.97 (J)						
11/14/2016	2.8		1.3					
11/15/2016					1.1		1.2	4.2
11/17/2016						2.5		
1/19/2017	2.8							
1/20/2017		0.99 (J)						
1/24/2017			1.3					
1/25/2017				1.9		2.1	1.2	
1/26/2017					1.1			4.2
3/16/2017	2.7	1						
3/17/2017			1.3					
3/22/2017							1.1	3.9
3/23/2017						2		
3/24/2017					1.1			
4/28/2017		0.96 (J)						
5/1/2017	2.8		1.3			2.1	1.1	
5/2/2017					0.99 (J)			4
7/19/2017				1.6		2.1		
8/4/2017						1.9		
8/24/2017						1.9		
9/6/2017				<100 (o)		<100 (o)		
10/3/2017		0.96 (J)					1.1	3.8
10/4/2017	2.8		1.2					
10/5/2017						2.1		
10/6/2017				1.7	1.1			
1/19/2018		0.91 (J)						
1/22/2018	2.6							
1/23/2018				1.4	<1	2	0.95 (J)	3.5
1/24/2018			1.1					
3/16/2018		1		1.6	1			
6/19/2018								3.4
6/20/2018							1.1	
6/21/2018			1.2					
6/26/2018					0.89 (J)	2		
6/27/2018	2.8	0.92 (J)		1.5				
9/27/2018	3	1						
10/1/2018								3.6
10/2/2018					1	2.2	1.1	

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
10/3/2018			1.4	1.7				
1/21/2019								3.5
1/24/2019	3.1	1.1						
1/28/2019							1.3	
1/30/2019			1.2		0.98 (J)	2.2		
1/31/2019				1.3				
6/25/2019	3							
6/26/2019		1.1		1.5		2.2	1.2	3.4
6/27/2019			1.4		1.1			
9/10/2019			1.3					
9/11/2019							1.1	
9/12/2019	2.3	0.88 (J)			0.99 (J)	2.1		3.2
3/11/2020			1.5				1.4	3.5
3/12/2020		1.3				2.4		
3/13/2020	3.1							
3/17/2020				1.6				
3/18/2020					1.4			
9/9/2020		1.1						
9/10/2020			1.4					
9/11/2020				1.7			1.2	3.9
9/15/2020	3.1				1.1			
9/16/2020						2.2		
3/16/2021				1.4			1.1	4.2
3/17/2021	3				1.2			
3/18/2021		1.2	1.4			2.2		
8/18/2021								4.5
8/19/2021	3.1							
8/23/2021		1.1	1.5					
8/24/2021					1.3	2.6	1.4	
8/25/2021				1.5				
3/2/2022			1.3				1.1	4.6
3/8/2022		0.72 (J)						
3/9/2022	3.3				1	1.5		
3/10/2022				0.94 (J)				
8/10/2022	2.9	0.97 (J)	1.3		1.1		1.2	
8/15/2022						1.9		5.1
8/16/2022				1.6				
2/14/2023			1.3					
2/15/2023					1.2			
2/20/2023		0.92 (J)				1.8	1.1	6.8
2/21/2023	2.6							
2/22/2023				1				
8/15/2023		0.98 (J)			1.2	1.9		
8/16/2023	3		1.4	1.3			1.2	11
2/20/2024	3.6	1.4			1.8	2.4		
2/21/2024			1.8	1.6				
2/22/2024							1.6	19
7/30/2024		1.2						
7/31/2024						1.9		
8/2/2024	2.1							
8/5/2024			1.4				1.3	22
8/6/2024					0.62 (J)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/11/2025		1.3						
2/13/2025	3.7		1.7				1.5	
2/18/2025				1.2				25
2/19/2025					1.1	1.6		

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.002	0.0014			<0.002	<0.002	
9/7/2011									<0.002
9/16/2011	0.0015				<0.002				
9/17/2011		<0.002				<0.002			
10/27/2011	<0.002	<0.002		<0.002			<0.002		
10/28/2011					<0.002	<0.002			
10/30/2011								0.0016	<0.002
12/5/2011							<0.002	<0.002	<0.002
12/12/2011					<0.002	<0.002			
12/13/2011	<0.002								
12/14/2011		<0.002		<0.002					
1/25/2012					<0.002		<0.002	<0.002	<0.002
1/31/2012	<0.002					<0.002			
2/1/2012				<0.002					
2/7/2012		<0.002							
7/16/2012					<0.002				
7/17/2012						<0.002			
7/18/2012	<0.002						<0.002		<0.002
7/23/2012		<0.002		0.0014					
7/24/2012								<0.002	
1/7/2013									<0.002
1/8/2013								<0.002	
1/9/2013							<0.002		
1/23/2013		<0.002		<0.002					
1/24/2013	<0.002				<0.002	<0.002			
7/9/2013								<0.002	<0.002
7/17/2013	<0.002			<0.002			<0.002		
7/23/2013					<0.002				
7/24/2013		<0.002				0.0013			
1/14/2014									<0.002
1/15/2014				<0.002			<0.002	<0.002	
1/21/2014	<0.002								
1/22/2014		<0.002			0.002	<0.002			
6/24/2014									0.0018
6/25/2014	<0.002		<0.002	<0.002			<0.002	<0.002	
7/1/2014		<0.002			<0.002				
7/8/2014						<0.002			
1/13/2015							0.0012 (J)		
1/14/2015	<0.002			<0.002					
1/20/2015								<0.002	<0.002
1/21/2015					<0.002	<0.002			
1/22/2015		<0.002							
7/21/2015	<0.002		<0.002	<0.002	<0.002				
7/22/2015		<0.002				<0.002			
7/24/2015							<0.002	<0.002	
7/27/2015									<0.002
1/19/2016						<0.002			
1/20/2016		<0.002		<0.002			<0.002	<0.002	
1/21/2016	<0.002								
1/22/2016					<0.002				
1/26/2016									<0.002
3/22/2016					<0.002	<0.002			

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.002	<0.002		<0.002					
3/28/2016							<0.002	<0.002	
3/29/2016									<0.002
3/31/2016			<0.002						
5/19/2016				<0.002		0.00684 (JO)			
5/20/2016	<0.002								
5/23/2016					<0.002		<0.002		
5/24/2016		<0.002						<0.002	<0.002
5/25/2016			<0.002						
7/21/2016	<0.002			<0.002		<0.002	0.0011 (J)	<0.002	
7/22/2016									<0.002
7/25/2016					<0.002				
7/26/2016		<0.002							
7/27/2016			<0.002						
9/14/2016				<0.002					
9/15/2016	<0.002				0.0082 (O)		<0.002	<0.002	<0.002
9/16/2016		0.0019 (J)							
11/9/2016					0.0044				
11/10/2016		<0.002		<0.002					
11/11/2016	<0.002								
11/15/2016							<0.002		
11/16/2016								<0.002	<0.002
1/17/2017				<0.002	<0.002	<0.002			
1/19/2017	<0.002	<0.002							
1/26/2017							0.0013 (J)	<0.002	<0.002
3/15/2017						<0.002			
3/16/2017	<0.002			<0.002	<0.002				
3/17/2017		<0.002							
3/22/2017							0.024 (O)	<0.002	<0.002
4/27/2017				<0.002	<0.002	<0.002			
4/28/2017	<0.002	<0.002							
5/2/2017							<0.002	<0.002	<0.002
7/18/2017						<0.002			
8/1/2017			<0.002		<0.002	0.0015 (J)			
8/2/2017		<0.002		<0.002					
8/3/2017	<0.002						<0.002	<0.002	
8/4/2017									<0.002
10/3/2017			0.0013 (J)						
1/19/2018	<0.002	<0.002			<0.002	<0.002			
1/22/2018				<0.002					
1/23/2018							<0.002	<0.002	<0.002
6/19/2018	<0.002	0.0011 (J)		<0.002	<0.002	<0.002			
6/20/2018			<0.002						
6/25/2018							<0.002	<0.002	<0.002
1/17/2019	0.0012 (J)	0.0016 (J)		0.0013 (J)					
1/18/2019			0.0017 (J)			0.002 (J)			
1/21/2019					0.0014 (J)				0.0012 (J)
1/30/2019							0.0021 (J)	0.002 (J)	
6/24/2019	0.0042	0.0022		0.0022					
6/25/2019			0.0027		0.0024	0.003			0.0021
6/26/2019							0.0029	0.0027	
9/9/2019	0.0017 (J)								

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		0.0019 (J)		<0.002	0.0018 (J)	0.0019 (J)			<0.002
9/11/2019			<0.002						
9/12/2019							0.0033	0.0049	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
3/12/2020									<0.002
3/16/2020							0.0017 (J)	<0.002	
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		
9/10/2020		<0.002							
9/11/2020								<0.002	
9/14/2020									<0.002
3/15/2021	<0.002	<0.002	<0.002	<0.002	0.0028	0.021 (O)			
3/16/2021									<0.002
3/17/2021							0.0015 (J)	<0.002	
8/16/2021	<0.002				<0.002				
8/18/2021		<0.002	<0.002	<0.002		<0.002		<0.002	
8/19/2021							<0.002		<0.002
2/28/2022	<0.002								
3/1/2022		<0.002	<0.002	<0.002	<0.002				
3/2/2022						<0.002	<0.002	<0.002	<0.002
8/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
8/11/2022							<0.002	<0.002	<0.002
2/13/2023						<0.002			
2/14/2023	<0.002	<0.002	<0.002	<0.002	<0.002				
2/20/2023							0.0017 (J)	<0.002	
2/21/2023									<0.002
8/8/2023			0.0015 (J)			<0.002			
8/9/2023	<0.002	<0.002		<0.002	<0.002				<0.002
8/14/2023							0.0015 (J)	<0.002	
2/13/2024	<0.002								
2/14/2024		<0.002		<0.002	<0.002	<0.002	0.0012 (J)	<0.002	
2/21/2024									<0.002
7/29/2024				<0.002	<0.002				
7/30/2024	<0.002	<0.002				<0.002			
7/31/2024			<0.002				0.0012 (J)		
8/1/2024								<0.002	<0.002
2/10/2025				<0.002	<0.002				
2/11/2025	<0.002	<0.002				<0.002			
2/13/2025									<0.002
2/14/2025							0.0019 (J)		
2/18/2025								<0.002	

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									0.0028
9/7/2011	<0.002	0.0013							
9/13/2011				0.0031	<0.002	0.0019	<0.002		
9/16/2011								<0.002	
10/26/2011									0.0023
10/27/2011							<0.002	<0.002	
10/28/2011				0.0032	<0.002	<0.002			
10/30/2011	<0.002	<0.002							
12/3/2011							<0.002	<0.002	<0.005
12/4/2011		0.0021		0.0031	<0.002	<0.002			
12/5/2011	<0.002								
1/19/2012	<0.002	<0.002							
1/24/2012					<0.002	<0.002	<0.002		
1/25/2012									<0.005
2/9/2012				<0.01				<0.002	
7/11/2012					<0.002	<0.002	<0.002	<0.002	0.0022
7/18/2012	<0.002	<0.002		<0.01					
1/7/2013	<0.002								
1/8/2013		0.0019		0.0013	<0.002	<0.002	<0.002	<0.002	0.0023
7/2/2013								<0.002	0.0024
7/9/2013	<0.002	0.002		<0.01					
7/10/2013					<0.002	<0.002	<0.002		
1/14/2014	<0.002	<0.002							0.0023
1/15/2014				0.0013					
1/21/2014					<0.002	<0.002	<0.002	<0.002	
6/24/2014	<0.002	0.0029						<0.002	
6/25/2014				0.002					0.0024
7/1/2014					<0.002	<0.002	<0.002		
1/13/2015									0.0024
1/14/2015							<0.002	<0.002	
1/20/2015	<0.002	<0.002							
1/21/2015				0.0013	<0.002	<0.002			
7/22/2015							<0.002	<0.002	0.0023
7/27/2015	<0.002	0.0013							
7/28/2015				0.0017	<0.002	<0.002			
1/25/2016			<0.002						
1/26/2016	<0.002	<0.002		0.0012 (J)	<0.002				
1/27/2016						<0.002	<0.002	<0.002	0.0022
3/29/2016	<0.002	<0.002		<0.01	<0.002	<0.002			
3/30/2016			<0.002				<0.002	<0.002	0.00261 (J)
5/24/2016	<0.002	<0.002							
5/25/2016			<0.002	0.00213 (J)	<0.002	<0.002	<0.002	<0.002	0.00238 (J)
7/22/2016					<0.002				
7/25/2016		<0.002		0.0015 (J)					
7/26/2016	<0.002					<0.002	<0.002	<0.002	
7/27/2016			0.0029						0.0025
9/15/2016					<0.002	<0.002	<0.002		
9/16/2016			<0.002						0.0023 (J)
9/19/2016	<0.002	<0.002		0.0022 (J)					
9/20/2016								<0.002	
11/16/2016	<0.002	<0.002		0.002 (J)	<0.002				
11/17/2016			<0.002			<0.002	<0.002	<0.002	0.0022 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.002								
1/31/2017		0.0015 (J)		0.0022 (J)	<0.002	<0.002			
2/1/2017			<0.002				<0.002	<0.002	0.0024 (J)
3/23/2017	<0.002	0.0021 (J)		0.002 (J)	<0.002	<0.002	<0.002	<0.002	
3/24/2017			<0.002						0.0026
5/2/2017		0.0016 (J)		0.0019 (J)					
5/3/2017	<0.002		<0.002		<0.002	<0.002	<0.002	<0.002	0.0022 (J)
8/4/2017						<0.002		<0.002	
8/7/2017	<0.002	0.0024 (J)		0.0023 (J)	<0.002		<0.002		0.0023 (J)
8/8/2017			<0.002						
1/24/2018	<0.002	0.0019 (J)		0.0019 (J)	<0.002				
1/25/2018			<0.002			<0.002	<0.002	<0.002	0.0023 (J)
6/20/2018				0.002 (J)		<0.002	<0.002	<0.002	0.0025
6/21/2018	<0.002	0.0023 (J)	<0.002						
6/26/2018					<0.002				
1/22/2019	0.0014 (J)	0.0027				0.0013 (J)	0.0013 (J)	0.0013 (J)	
1/24/2019				0.003					
1/25/2019					0.0011 (J)				0.0038
1/31/2019			0.0018 (J)						
6/25/2019	0.0024	0.0048				0.0022	0.0023	0.0022	0.0045
6/26/2019			0.0021	0.0041	0.0021				
9/10/2019	0.0018 (J)								
9/11/2019					0.0023				0.0043
9/12/2019						0.0027	0.002		
9/16/2019		0.0027		0.0035					
9/17/2019			<0.002					<0.002	
3/12/2020	<0.002					<0.002			
3/16/2020		0.0015 (J)		0.0019 (J)				<0.002	
3/17/2020			<0.002				<0.002		0.0024
3/18/2020					<0.002				
9/10/2020			<0.002	0.0018 (J)	<0.002	<0.002	<0.002	<0.002	
9/11/2020		0.0017 (J)							0.0022
9/14/2020	<0.002								
3/16/2021	0.0027	0.0073 (O)			0.0022				
3/17/2021				0.0016 (J)		<0.002	<0.002		0.0027
3/18/2021			<0.002					<0.002	
8/19/2021					<0.002				
8/20/2021	<0.002		<0.002						0.0021
8/23/2021				0.0017 (J)		<0.002	<0.002		
8/24/2021								<0.002	
8/25/2021		0.0024							
3/2/2022	<0.002								
3/7/2022				0.0016 (J)	<0.002		<0.002	<0.002	
3/8/2022			<0.002			<0.002			0.0022
3/9/2022		<0.002							
8/11/2022	<0.002								
8/15/2022				0.0017 (J)		<0.002			
8/16/2022		0.0017 (J)	<0.002		<0.002		<0.002	<0.002	0.0019 (J)
2/15/2023	<0.002	<0.002	<0.002		<0.002				
2/17/2023							<0.002		
2/20/2023									0.0027
2/21/2023				0.002		<0.002		<0.002	

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/9/2023	<0.002	0.0019 (J)							
8/10/2023			0.002						
8/14/2023				0.0022	<0.002		<0.002	<0.002	0.0027
8/16/2023						<0.002			
2/14/2024				0.0024					
2/19/2024		0.0015 (J)				<0.002	<0.002		
2/20/2024			<0.002		<0.002				
2/21/2024	<0.002							<0.002	0.0013 (J)
7/30/2024	<0.002								
7/31/2024		0.0015 (J)	<0.002						
8/5/2024						<0.002			0.0017 (J)
8/6/2024				0.0017 (J)	<0.002		<0.002	<0.002	
2/11/2025									0.0025
2/13/2025	<0.002								
2/17/2025					<0.002		<0.002		
2/18/2025		0.0017 (J)		0.0027		<0.002		<0.002	
2/19/2025			<0.002						

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	0.0014	0.0014	0.0014						
8/31/2011				0.0016	0.0014				
9/15/2011						<0.002			
9/16/2011							0.0019		
9/17/2011									0.0015
10/26/2011	<0.002	<0.002	<0.002						
10/27/2011				<0.002	<0.002				
10/29/2011						<0.002	<0.002		
10/31/2011									<0.002
12/3/2011	<0.002	<0.002	<0.002						
12/4/2011				<0.002	<0.002				
12/13/2011						<0.002	<0.002		
12/14/2011									<0.002
1/25/2012	<0.002					<0.002			
1/31/2012							<0.002		
2/7/2012									0.0065 (O)
2/8/2012			<0.002	<0.002	<0.002				
2/9/2012		<0.002							
7/11/2012	<0.002	<0.002	<0.002	<0.002					
7/17/2012					<0.002				0.0025
7/18/2012						0.0016	<0.002		
1/8/2013	<0.002	<0.002	<0.002	<0.002					
1/9/2013					<0.002				
1/22/2013						0.0019	<0.002		
7/16/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
7/23/2013							0.0013		
7/24/2013									0.0017
1/14/2014	<0.002	<0.002							
1/21/2014			<0.002	<0.002	<0.002	<0.002			
1/22/2014							<0.002		
1/23/2014									<0.002
6/24/2014		<0.002	<0.002	<0.002	<0.002				
6/25/2014	<0.002					0.0011 (J)			
7/1/2014							0.0011 (J)		
7/8/2014								<0.002	<0.002
1/13/2015		<0.002	<0.002	<0.002	<0.002				
1/14/2015	<0.002					<0.002			
1/21/2015									<0.002
1/22/2015							<0.002		
7/23/2015		<0.002	<0.002	<0.002	<0.002	0.0015			
7/28/2015	<0.002								
7/29/2015							0.0012 (J)		
7/30/2015									<0.002
7/31/2015								<0.002	
1/20/2016								<0.002	
1/21/2016							<0.002		0.002
1/26/2016					<0.002	<0.002			
1/27/2016	<0.002	<0.002	<0.002	<0.002					
3/28/2016									<0.002
3/29/2016							0.00226 (J)		
3/30/2016	<0.002	<0.002	<0.002	<0.002	<0.002			<0.002	
3/31/2016						<0.002			

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.002						<0.002	<0.002	<0.002
5/26/2016		<0.002	<0.002	<0.002	<0.002	<0.002			
7/25/2016		<0.002	<0.002	<0.002					
7/26/2016					<0.002	<0.002			
7/27/2016	<0.002						<0.002	<0.002	<0.002
9/16/2016								<0.002	
9/19/2016	<0.002	<0.002	<0.002						<0.002
9/20/2016				<0.002	<0.002	0.0011 (J)	<0.002		
11/15/2016									<0.002
11/17/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
11/18/2016							<0.002	<0.002	
1/24/2017									0.0043
2/1/2017	<0.002	0.0014 (J)							
2/2/2017			<0.002	<0.002	<0.002				
2/3/2017						0.0011 (J)	<0.002	0.0011 (J)	
3/23/2017									<0.002
3/24/2017	<0.002	<0.002	<0.002						
3/28/2017				<0.002	<0.002	0.0027	<0.002		
3/29/2017								<0.002	
5/2/2017									0.015 (O)
5/3/2017	<0.002	<0.002	<0.002			0.0018 (J)			
5/4/2017				<0.002	<0.002		<0.002	<0.002	
8/3/2017									<0.002
8/7/2017	<0.002	<0.002	<0.002	0.0017 (J)	<0.002				
8/8/2017						<0.002	<0.002	<0.002	
1/25/2018	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
1/26/2018				<0.002	<0.002				
6/20/2018					<0.002	0.0015 (J)	<0.002		
6/21/2018		<0.002	<0.002	<0.002					
6/26/2018	<0.002								
6/27/2018								<0.002	<0.002
1/24/2019	0.0014 (J)				0.0012 (J)	0.0021 (J)			0.0026
1/25/2019							0.0017 (J)		
1/28/2019		0.0012 (J)	<0.002	0.0011 (J)					
1/31/2019								0.0022 (J)	
6/25/2019	0.0042			0.0023	0.0021	0.003			0.003
6/26/2019			0.0023				0.0023	0.0027	
6/27/2019		0.0022							
9/10/2019						0.0026			
9/11/2019	<0.002	<0.002		0.0027	0.0022			0.0023	0.0034
9/12/2019			0.0024				0.0024		
3/12/2020								<0.002	<0.002
3/17/2020	<0.002	<0.002							
3/18/2020			<0.002	<0.002	<0.002	<0.002	<0.002		
9/10/2020						<0.002	<0.002		
9/14/2020	<0.002	<0.002							<0.002
9/15/2020			<0.002	<0.002	<0.002			<0.002	
3/15/2021						<0.002			
3/16/2021	<0.002	<0.002		<0.002	<0.002				
3/17/2021			<0.002						<0.002
3/18/2021							<0.002	<0.002	
8/19/2021					<0.002	<0.002		<0.002	0.0016 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.002								
8/23/2021							<0.002		
8/24/2021		<0.002	<0.002	<0.002					
3/7/2022				<0.002	<0.002				
3/8/2022	<0.002	<0.002	<0.002			<0.002			<0.002
3/9/2022							<0.002		
3/10/2022								<0.002	
8/10/2022									<0.002
8/11/2022	<0.002	<0.002	<0.002						
8/16/2022				<0.002	<0.002		<0.002		
8/17/2022						<0.002			
8/18/2022								<0.002	
2/14/2023						<0.002			
2/16/2023								<0.002	
2/20/2023	<0.002	<0.002							
2/21/2023			<0.002		<0.002		<0.002		<0.002
2/22/2023				<0.002					
8/9/2023		<0.002	<0.002	0.0015 (J)	<0.002				
8/10/2023	<0.002								
8/14/2023						0.0015 (J)			
8/15/2023							<0.002		<0.002
8/16/2023								<0.002	
2/14/2024						0.0014 (J)			
2/19/2024					<0.002		<0.002		
2/20/2024	<0.002			<0.002					
2/21/2024		<0.002	<0.002						<0.002
2/22/2024								<0.002	
7/30/2024					<0.002		<0.002		
8/1/2024									<0.002
8/2/2024				<0.002					
8/6/2024			<0.002			<0.002		<0.002	
8/7/2024	<0.002	<0.002							
2/11/2025					<0.002	0.0015 (J)	<0.002		
2/13/2025	<0.002	<0.002							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.002		<0.002			
9/16/2011						<0.002	<0.002	<0.002
9/17/2011	0.0018	<0.002		0.0052				
10/28/2011			<0.002					
10/29/2011	<0.002	<0.002						
10/30/2011						<0.002		
10/31/2011				<0.002	<0.002		<0.002	<0.002
12/12/2011							<0.002	<0.002
12/13/2011			<0.002		<0.002	<0.002		
12/14/2011	<0.002	<0.002						
1/25/2012		<0.002						
2/1/2012					<0.002	<0.002	<0.002	<0.002
2/7/2012	<0.002			<0.002				
2/8/2012			<0.002					
7/16/2012							<0.002	<0.002
7/17/2012	<0.002	<0.002			<0.002	<0.002		
7/18/2012			<0.002					
1/22/2013							<0.002	<0.002
1/23/2013				<0.002	<0.002	<0.002		
1/24/2013	<0.002	<0.002	<0.002					
7/2/2013								<0.002
7/17/2013						<0.002	<0.002	
7/24/2013	<0.002	<0.002	<0.002		<0.002			
1/21/2014								<0.002
1/23/2014	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	<0.002	
6/25/2014							<0.002	<0.002
7/1/2014			<0.002	0.0046	<0.002			
7/8/2014	<0.002	<0.002						
1/14/2015							<0.002	<0.002
1/20/2015			<0.002		<0.002	0.0013		
1/21/2015	<0.002	<0.002		0.0026				
7/28/2015								<0.002
7/29/2015						0.0028	<0.002	
7/30/2015		<0.002	<0.002		<0.002			
7/31/2015	<0.002							
1/19/2016			<0.002					
1/21/2016							<0.002	<0.002
1/22/2016		<0.002						
1/25/2016	<0.002			0.0014	<0.002	0.001 (J)		
3/23/2016		<0.002	<0.002		<0.002	<0.002		
3/24/2016	<0.002						<0.002	<0.002
3/30/2016				0.00334 (J)				
5/20/2016			<0.002					
5/23/2016							<0.002	<0.002
5/24/2016		<0.002			<0.002	<0.002		
5/25/2016	<0.002			0.00321 (J)				
7/21/2016			<0.002				<0.002	<0.002
7/22/2016					<0.002	<0.002		
7/26/2016	<0.002	<0.002						
7/27/2016				0.0043				
9/15/2016							<0.002	<0.002
9/16/2016					<0.002	<0.002		

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.002	<0.002						
9/20/2016			0.0011 (J)					
11/11/2016		<0.002						
11/14/2016	<0.002		<0.002					
11/15/2016					<0.002		<0.002	<0.002
11/17/2016						0.0034		
1/19/2017	<0.002							
1/20/2017		<0.002						
1/24/2017			<0.002					
1/25/2017				0.0027		<0.002	<0.002	
1/26/2017					<0.002			<0.002
3/16/2017	<0.002	<0.002						
3/17/2017			<0.002					
3/22/2017							<0.002	<0.002
3/23/2017				0.0022 (J)		0.0032		
3/24/2017					<0.002			
4/28/2017		<0.002						
5/1/2017	<0.002		<0.002			<0.002	<0.002	
5/2/2017				0.0027	<0.002			<0.002
7/19/2017				0.0019 (J)				
8/3/2017	<0.002	<0.002			0.0053 (O)		<0.002	<0.002
8/4/2017			<0.002	0.0021 (J)		<0.002		
1/19/2018		<0.002						
1/22/2018	<0.002							
1/23/2018				0.012	<0.002	<0.002	<0.002	<0.002
1/24/2018			<0.002					
6/19/2018								<0.002
6/20/2018							<0.002	
6/21/2018			0.0015 (J)					
6/26/2018					<0.002	<0.002		
6/27/2018	<0.002	<0.002		0.0017 (J)				
1/21/2019								0.0013 (J)
1/24/2019	0.0018 (J)	0.0015 (J)						
1/28/2019							0.00076 (J)	
1/30/2019			0.0018 (J)		0.0017 (J)	0.0026		
1/31/2019				0.0031				
6/25/2019	0.003							
6/26/2019		0.0022		0.0037		0.0022	0.0022	0.0022
6/27/2019			0.0025		0.0022			
9/10/2019			0.0019 (J)					
9/11/2019				0.0084			0.0034	
9/12/2019	0.0033	0.0024			0.0024	0.0032		0.0026
3/11/2020			<0.002				<0.002	<0.002
3/12/2020		<0.002				0.0018 (J)		
3/13/2020	<0.002							
3/17/2020				<0.002				
3/18/2020					<0.002			
9/9/2020		<0.002						
9/10/2020			<0.002					
9/11/2020				0.0018 (J)			<0.002	<0.002
9/15/2020	<0.002				<0.002			
9/16/2020						<0.002		

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				0.002			<0.002	<0.002
3/17/2021	<0.002				<0.002			
3/18/2021		<0.002	<0.002			<0.002		
8/18/2021								<0.002
8/19/2021	<0.002							
8/23/2021		<0.002	<0.002					
8/24/2021					<0.002	<0.002	<0.002	
8/25/2021				<0.002				
3/2/2022			<0.002				<0.002	<0.002
3/8/2022		<0.002						
3/9/2022	<0.002				<0.002	<0.002		
3/10/2022				<0.002				
8/10/2022	<0.002	<0.002	<0.002		<0.002		<0.002	
8/15/2022						<0.002		<0.002
8/16/2022				<0.002				
2/14/2023			<0.002					
2/15/2023					<0.002			
2/20/2023		<0.002				<0.002	<0.002	<0.002
2/21/2023	<0.002							
2/22/2023				0.0014 (J)				
8/15/2023		<0.002			<0.002	0.0012 (J)		
8/16/2023	<0.002		<0.002	0.0041			<0.002	<0.002
2/20/2024	<0.002	0.0014 (J)			0.0019 (J)	0.0025		
2/21/2024			<0.002	<0.002				
2/22/2024							<0.002	<0.002
7/30/2024		<0.002						
7/31/2024						0.0015 (J)		
8/2/2024	<0.002			0.0016 (J)				
8/5/2024			<0.002				<0.002	<0.002
8/6/2024					<0.002			
2/11/2025		<0.002						
2/13/2025	<0.002		<0.002				<0.002	
2/18/2025				0.0015 (J)				<0.002
2/19/2025					<0.002	0.0014 (J)		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			0.0028	0.0028			0.02	0.013	
9/7/2011									<0.0025
9/16/2011	<0.0025				<0.0025				
9/17/2011		<0.0025				<0.0025			
10/27/2011	<0.0025	<0.0025		<0.0025			0.038		
10/28/2011					<0.0025	<0.0025			
10/30/2011								0.037 (O)	<0.0025
12/5/2011							0.04	0.029 (O)	<0.0025
12/12/2011					<0.0025	<0.0025			
12/13/2011	<0.0025								
12/14/2011		<0.0025		<0.0025					
1/25/2012					<0.0025		0.043	0.018	<0.0025
1/31/2012	<0.0025					<0.0025			
2/1/2012				0.0027					
2/7/2012		<0.0025							
7/16/2012					<0.0025				
7/17/2012						<0.0025			
7/18/2012	<0.0025						0.028		0.017
7/23/2012		<0.0025		0.0073					
7/24/2012								0.011	
1/7/2013									0.03
1/8/2013								0.012	
1/9/2013							0.037		
1/23/2013		<0.0025		0.0029					
1/24/2013	<0.0025				<0.0025	<0.0025			
7/9/2013								0.017	0.028
7/17/2013	<0.0025			0.0033			0.018		
7/23/2013					<0.0025				
7/24/2013		<0.0025				<0.0025			
1/14/2014									0.021
1/15/2014				0.0076			0.018	0.017	
1/21/2014	<0.0025								
1/22/2014		<0.0025			<0.0025	<0.0025			
6/24/2014									0.011
6/25/2014	<0.0025		0.00075 (J)	0.0044			0.019	0.0099	
7/1/2014		0.00056 (J)			<0.0025				
7/8/2014						<0.0025			
1/13/2015							0.012		
1/14/2015	0.00068 (J)			0.015					
1/20/2015								0.0098	0.0088
1/21/2015					<0.0025	<0.0025			
1/22/2015		0.00067 (J)							
7/21/2015	<0.0025		0.00066 (J)	0.0053	<0.0025				
7/22/2015		<0.0025				<0.0025			
7/24/2015							0.013	0.012	
7/27/2015									0.0061
1/19/2016						<0.0025			
1/20/2016		<0.0025		0.0034			0.012	0.01	
1/21/2016	<0.0025								
1/22/2016					<0.0025				
1/26/2016									0.002
3/22/2016					<0.0025	<0.0025			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.0025	<0.0025		0.00443 (J)					
3/28/2016							0.0101	0.0104	
3/29/2016									0.00652 (J)
3/31/2016			<0.0025						
5/19/2016				0.00361 (J)		<0.0025			
5/20/2016	<0.0025								
5/23/2016					<0.0025		0.00701 (J)		
5/24/2016		<0.0025						0.00926 (J)	0.00462 (J)
5/25/2016			<0.0025						
7/21/2016	<0.0025			0.0058		<0.0025	0.0079	0.01	
7/22/2016									0.0042
7/25/2016					<0.0025				
7/26/2016		<0.0025							
7/27/2016			<0.0025						
9/14/2016				0.0075					
9/15/2016	<0.0025				<0.0025		0.02	0.014	0.0036
9/16/2016		0.0011 (J)							
11/9/2016					<0.0025				
11/10/2016		<0.0025		0.01					
11/11/2016	<0.0025								
11/15/2016							0.011		
11/16/2016								0.015	0.0044
1/17/2017				0.013	<0.0025	<0.0025			
1/19/2017	<0.0025	<0.0025							
1/26/2017							0.0075	0.011	0.00091 (J)
3/15/2017						<0.0025			
3/16/2017	<0.0025			0.0059	<0.0025				
3/17/2017		<0.0025							
3/22/2017							0.0063	0.012	0.0016 (J)
4/27/2017				0.0052	<0.0025	<0.0025			
4/28/2017	0.00044 (J)	0.00045 (J)							
5/2/2017							0.0036	0.0094	0.011
7/18/2017						<0.0025			
8/1/2017			<0.0025		<0.0025	<0.0025			
8/2/2017		<0.0025		0.005					
8/3/2017	<0.0025						0.0061	0.014	
8/4/2017									0.0033
10/3/2017			<0.0025						
1/19/2018	<0.0025	<0.0025			<0.0025	<0.0025			
1/22/2018				0.0046					
1/23/2018							0.01	0.013	0.0028
6/19/2018	<0.0025	0.00061 (J)		0.005	<0.0025	<0.0025			
6/20/2018			<0.0025						
6/25/2018							0.0049	0.014	0.0057
1/17/2019	0.00033 (J)	0.00018 (J)		0.0038					
1/18/2019			0.00011 (J)			<0.0025			
1/21/2019					<0.0025				0.00051 (J)
1/30/2019							0.00068 (J)	0.017	
6/24/2019	0.00019 (J)	0.00019 (J)		0.006					
6/25/2019			0.00042 (J)		<0.0025	0.00012 (J)			0.0039
6/26/2019							0.0054	0.012	
9/9/2019	0.00019 (J)								

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		0.00029 (J)		0.0062	<0.0025	8.9E-05 (J)			0.0035
9/11/2019			0.00017 (J)						
9/12/2019							0.0062	0.019	
3/10/2020	0.00017 (J)	0.00017 (J)	0.00081 (J)	0.0035	<0.0025	<0.0025			
3/12/2020									0.00066 (J)
3/16/2020							0.0049	0.012	
9/9/2020	<0.0025		0.00076 (J)	0.0047	<0.0025	<0.0025	0.0048		
9/10/2020		0.00019 (J)							
9/11/2020								0.017	
9/14/2020									0.0028
3/15/2021	0.00022 (J)	0.00021 (J)	0.0015 (J)	0.0073	<0.0025	<0.0025			
3/16/2021									0.00057 (J)
3/17/2021							0.0042	0.015	
8/16/2021	<0.0025				<0.0025				
8/18/2021		0.0002 (J)	0.00024 (J)	0.005		<0.0025		0.013	
8/19/2021							0.0045		0.0023 (J)
2/28/2022	0.00087 (J)								
3/1/2022		<0.0025	0.00052 (J)	0.0067	<0.0025				
3/2/2022						<0.0025	0.0048	0.011	0.00043 (J)
8/9/2022	0.00038 (J)	<0.0025	<0.0025	0.0075	<0.0025	<0.0025			
8/11/2022							0.0022 (J)	0.015	0.0019 (J)
2/13/2023						<0.0025			
2/14/2023	<0.0025	<0.0025	<0.0025	0.0037	<0.0025				
2/20/2023							0.004	0.013	
2/21/2023									0.00079 (J)
8/8/2023			0.00028 (J)			<0.0025			
8/9/2023	0.00023 (J)	<0.0025		0.003	<0.0025				0.0013 (J)
8/14/2023							0.0023 (J)	0.013	
2/13/2024	0.00041 (J)								
2/14/2024		<0.0025		0.0028	<0.0025	<0.0025	0.0041	0.0078	
2/21/2024									0.00076 (J)
7/29/2024				0.0034	<0.0025				
7/30/2024	0.0003 (J)	<0.0025				<0.0025			
7/31/2024			0.00031 (J)				0.0032		
8/1/2024								0.016	0.0015 (J)
2/10/2025				0.0029	<0.0025				
2/11/2025	<0.0025	<0.0025				<0.0025			
2/13/2025									0.00057 (J)
2/14/2025							0.0036		
2/18/2025								0.0067	

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									0.0033 (O)
9/7/2011	0.14 (O)	0.27 (O)							
9/13/2011				0.013	<0.0025	<0.0025	<0.0013		
9/16/2011								<0.0025	
10/26/2011									<0.0025
10/27/2011							0.044 (O)	<0.0025	
10/28/2011				0.014	<0.0025	<0.0025			
10/30/2011	0.021	<0.0025							
12/3/2011							0.0037	<0.0025	<0.0025
12/4/2011		0.14		0.011	<0.0025	<0.0025			
12/5/2011	0.17 (O)								
1/19/2012	0.028	0.13							
1/24/2012					<0.0025	<0.0025	0.021		
1/25/2012									<0.0025
2/9/2012				0.0091				<0.0025	
7/11/2012					<0.0025	<0.0025	<0.0013	<0.0025	<0.0025
7/18/2012	0.037	0.12		0.0061					
1/7/2013	0.037								
1/8/2013		0.056		0.0035	<0.0025	<0.0025	<0.0013	<0.0025	<0.0025
7/2/2013								<0.0025	<0.0025
7/9/2013	0.065	0.042		0.0044					
7/10/2013					<0.0025	<0.0025	0.0014		
1/14/2014	0.026	0.038							<0.0025
1/15/2014				0.0043					
1/21/2014					<0.0025	<0.0025	0.043	<0.0025	
6/24/2014	0.034	0.039						<0.0025	
6/25/2014				0.011					<0.0025
7/1/2014					<0.0025	<0.0025	0.0011 (J)		
1/13/2015									<0.0025
1/14/2015							0.019	0.00063 (J)	
1/20/2015	0.031	0.037							
1/21/2015				0.0057	<0.0025	<0.0025			
7/22/2015							0.016	0.00065 (J)	<0.0025
7/27/2015	0.031	0.04							
7/28/2015				0.009	<0.0025	<0.0025			
1/25/2016			0.0048						
1/26/2016	0.021	0.028		0.0025	<0.0025				
1/27/2016						<0.0025	0.45	0.0016	<0.0025
3/29/2016	0.0208	0.0328		0.00664 (J)	<0.0025	<0.0025			
3/30/2016			0.0025 (J)				0.176	<0.0025	<0.0025
4/20/2016							0.13		
5/24/2016	0.0649	0.0334							
5/25/2016			0.00272 (J)	0.0102	<0.0025	<0.0025	0.0616	<0.0025	<0.0025
7/22/2016					<0.0025				
7/25/2016		0.051		0.0059					
7/26/2016	0.044					<0.0025	0.32	<0.0025	
7/27/2016			0.0052						<0.0025
9/15/2016					<0.0025	<0.0025	0.014		
9/16/2016			0.0048						<0.0025
9/19/2016	0.059	0.055		0.0061					
9/20/2016								<0.0025	
11/16/2016	0.064	0.061		0.005	<0.0025				

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
11/17/2016			0.0095			<0.0025	0.01	0.001 (J)	<0.0025
1/26/2017	0.0017 (J)								
1/31/2017		0.15		0.012	<0.0025	<0.0025			
2/1/2017			0.009				0.2	<0.0025	<0.0025
3/23/2017	0.025	0.091		0.013	<0.0025	<0.0025	0.14	0.0013 (J)	
3/24/2017			0.0026						<0.0025
5/2/2017		0.049		0.013					
5/3/2017	0.047		0.0073		<0.0025	<0.0025	0.23	0.00055 (J)	<0.0025
8/4/2017						<0.0025		0.0018 (J)	
8/7/2017	0.042	0.057		0.0099	<0.0025		0.026		<0.0025
8/8/2017			0.0037						
1/24/2018	0.014	0.044		0.0047	<0.0025				
1/25/2018			0.01			<0.0025	0.23	0.00072 (J)	<0.0025
6/20/2018				0.0063		<0.0025	0.048	<0.0025	<0.0025
6/21/2018	0.04	0.049	0.012						
6/26/2018					<0.0025				
1/22/2019	0.013	0.028				<0.0025	0.22	0.00016 (J)	
1/24/2019				0.0015 (J)					
1/25/2019					0.00032 (J)				0.00013 (J)
1/31/2019			0.0063						
6/25/2019	0.035	0.043				<0.0025	0.23	0.00012 (J)	<0.0025
6/26/2019			0.0051	0.0037	0.00039 (J)				
9/10/2019	0.041								
9/11/2019					0.00017 (J)				<0.0025
9/12/2019						<0.0025	0.013		
9/16/2019		0.042		0.0034					
9/17/2019			0.006					<0.0025	
3/12/2020	0.0047					<0.0025			
3/16/2020		0.026		0.0014 (J)				<0.0025	
3/17/2020			0.0038				0.16		<0.0025
3/18/2020					0.0012 (J)				
9/10/2020			0.0046	0.0026	0.0043	<0.0025	0.078	<0.0025	
9/11/2020		0.045							<0.0025
9/14/2020	0.028								
3/16/2021	0.0052	0.035			0.0013 (J)				
3/17/2021				0.0034		<0.0025	0.15		<0.0025
3/18/2021			0.0018 (J)					<0.0025	
8/19/2021					0.00044 (J)				
8/20/2021	0.013		0.0041						<0.0025
8/23/2021				0.0019 (J)		<0.0025	0.31		
8/24/2021								0.00018 (J)	
8/25/2021		0.027							
3/2/2022	0.005								
3/7/2022				0.0016 (J)	0.00071 (J)		0.19	<0.0025	
3/8/2022			0.0028			<0.0025			<0.0025
3/9/2022		0.024							
8/11/2022	0.021								
8/15/2022				0.0014 (J)		<0.0025			
8/16/2022		0.15	0.0011 (J)		<0.0025		0.02	<0.0025	<0.0025
2/15/2023	0.0016 (J)	0.022	0.0042		0.0018 (J)				
2/17/2023							0.29		
2/20/2023									<0.0025

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/21/2023				0.00073 (J)		<0.0025		<0.0025	
8/9/2023	0.014	0.058							
8/10/2023			0.0028						
8/14/2023				0.0013 (J)	0.00033 (J)		0.4	<0.0025	<0.0025
8/16/2023						<0.0025			
2/14/2024				0.0013 (J)					
2/19/2024		0.022				<0.0025	0.32		
2/20/2024			0.0034		0.00039 (J)				
2/21/2024	0.0017 (J)							<0.0025	<0.0025
7/30/2024	0.0076								
7/31/2024		0.072	0.0028						
8/5/2024						<0.0025			<0.0025
8/6/2024				0.0016 (J)	0.0003 (J)		0.06	0.00036 (J)	
2/11/2025									<0.0025
2/13/2025	0.0012 (J)								
2/17/2025					<0.0025		0.34		
2/18/2025		0.022		0.0035		<0.0025		<0.0025	
2/19/2025			0.0041						

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.0025	<0.0025	0.0042						
8/31/2011				<0.0025	0.0047				
9/15/2011						<0.0025			
9/16/2011							0.0037 (O)		
9/17/2011									<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025						
10/27/2011				<0.0025	0.0032				
10/29/2011						<0.0025	<0.0025		
10/31/2011									0.0042
12/3/2011	<0.0025	<0.0025	0.0036						
12/4/2011				<0.0025	0.003				
12/13/2011						<0.0025	0.003 (O)		
12/14/2011									0.0047
1/25/2012	<0.0025					<0.0025			
1/31/2012							0.0027		
2/7/2012									<0.0025
2/8/2012			<0.0025	<0.0025	0.0035				
2/9/2012		<0.0025							
7/11/2012	<0.0025	<0.0025	<0.0025	<0.0025					
7/17/2012					0.0043				0.044
7/18/2012						<0.0025	0.0021		
1/8/2013	<0.0025	<0.0025	0.0017	<0.0025					
1/9/2013					0.0019				
1/22/2013						<0.0025	0.002		
7/16/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0043	<0.0025			
7/23/2013							0.0013		
7/24/2013									0.041
1/14/2014	<0.0025	<0.0025							
1/21/2014			0.00055 (J)	<0.0025	0.00093 (J)	<0.0025			
1/22/2014							0.00035 (J)		
1/23/2014									0.0077
6/24/2014		<0.0025	0.00071 (J)	0.00071 (J)	<0.0025				
6/25/2014	<0.0025					<0.0025			
7/1/2014							0.00088 (J)		
7/8/2014								0.0023	0.028
1/13/2015		<0.0025	0.00085 (J)	<0.0025	0.00058 (J)				
1/14/2015	<0.0025					<0.0025			
1/21/2015									0.0063
1/22/2015							<0.0025		
7/23/2015		<0.0025	0.00099 (J)	0.0011 (J)	<0.0025	<0.0025			
7/28/2015	<0.0025								
7/29/2015							0.00052 (J)		
7/30/2015									0.01
7/31/2015								0.0018	
1/20/2016								0.0023	
1/21/2016							<0.0025		0.0094
1/26/2016					0.0015	<0.0025			
1/27/2016	<0.0025	<0.0025	0.00077 (J)	<0.0025					
3/28/2016									0.0117
3/29/2016							<0.0025		
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			<0.01	
3/31/2016						<0.0025			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.0025						<0.0025	<0.01	0.0122
5/26/2016		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
7/25/2016		<0.0025	<0.0025	0.00042 (J)					
7/26/2016					<0.0025	<0.0025			
7/27/2016	<0.0025						<0.0025	0.00095 (J)	0.0065
9/16/2016								0.0053	
9/19/2016	<0.0025	<0.0025	<0.0025						0.0071
9/20/2016				0.00064 (J)	<0.0025	<0.0025	<0.0025		
11/15/2016									0.029
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
11/18/2016							<0.0025	0.0011 (J)	
1/24/2017									0.033
2/1/2017	<0.0025	<0.0025							
2/2/2017			0.011 (O)	<0.0025	0.0004 (J)				
2/3/2017						<0.0025	<0.0025	0.00097 (J)	
3/23/2017									0.022
3/24/2017	<0.0025	<0.0025	0.0016 (J)						
3/28/2017				<0.0025	0.00047 (J)	<0.0025	<0.0025		
3/29/2017								0.00059 (J)	
5/2/2017									0.036
5/3/2017	<0.0025	<0.0025	0.0017 (J)			<0.0025			
5/4/2017				<0.0025	0.00043 (J)		<0.0025	0.0011 (J)	
8/3/2017									0.00041 (J)
8/7/2017	<0.0025	<0.0025	0.00081 (J)	<0.0025	0.0024 (J)				
8/8/2017						<0.0025	<0.0025	0.0011 (J)	
1/25/2018	<0.0025	<0.0025	0.00047 (J)			<0.0025	<0.0025	0.00088 (J)	0.01
1/26/2018				0.00058 (J)	0.0048				
6/20/2018					0.0031	<0.0025	<0.0025		
6/21/2018		<0.0025	0.0009 (J)	<0.0025					
6/26/2018	<0.0025								
6/27/2018								0.00086 (J)	0.01
1/24/2019	<0.0025				0.0028	<0.0025			0.0014 (J)
1/25/2019							8.4E-05 (J)		
1/28/2019		<0.0025	0.00043 (J)	<0.0025					
1/31/2019								0.0029	
6/25/2019	<0.0025			0.00012 (J)	0.0028	<0.0025			0.001
6/26/2019			0.00042 (J)				<0.0025	0.001	
6/27/2019		<0.0025							
9/10/2019						<0.0025			
9/11/2019	<0.0025	<0.0025		<0.0025	0.0017			0.0013	0.013
9/12/2019			0.00035 (J)				9.3E-05 (J)		
3/12/2020								0.002 (J)	0.0066
3/17/2020	<0.0025	<0.0025							
3/18/2020			0.0016 (J)	<0.0025	0.0006 (J)	0.00027 (J)	0.00022 (J)		
9/10/2020						<0.0025	0.00016 (J)		
9/14/2020	<0.0025	<0.0025							0.0074
9/15/2020			0.0003 (J)	<0.0025	0.0027			0.0018 (J)	
3/15/2021						0.00013 (J)			
3/16/2021	<0.0025	<0.0025		<0.0025	0.0022 (J)				
3/17/2021			0.00038 (J)						0.004
3/18/2021							0.00024 (J)	0.0028	
8/19/2021					0.0049	<0.0025		0.0028	0.0041

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.0025								
8/23/2021							<0.0025		
8/24/2021		<0.0025	0.00053 (J)	<0.0025					
3/7/2022				<0.0025	0.0026				
3/8/2022	<0.0025	<0.0025	0.00038 (J)			<0.0025			0.0023 (J)
3/9/2022							<0.0025		
3/10/2022								0.0011 (J)	
8/10/2022									0.002 (J)
8/11/2022	<0.0025	<0.0025	<0.0025						
8/16/2022				<0.0025	0.0031		<0.0025		
8/17/2022						<0.0025			
8/18/2022								0.00098 (J)	
2/14/2023						<0.0025			
2/16/2023								0.0019 (J)	
2/20/2023	<0.0025	<0.0025							
2/21/2023			0.00053 (J)		0.0029		<0.0025		0.0047
2/22/2023				<0.0025					
8/9/2023		<0.0025	<0.0025	<0.0025	0.0042				
8/10/2023	<0.0025								
8/14/2023						<0.0025			
8/15/2023							<0.0025		0.0054
8/16/2023								0.00094 (J)	
2/14/2024						<0.0025			
2/19/2024					0.0025		<0.0025		
2/20/2024	0.00034 (J)			<0.0025					
2/21/2024		<0.0025	0.0003 (J)						0.0035
2/22/2024								0.0045	
7/30/2024					0.00081 (J)		<0.0025		
8/1/2024									0.0049
8/2/2024				0.00038 (J)					
8/6/2024			<0.0025			<0.0025		0.0007 (J)	
8/7/2024	<0.0025	<0.0025							
2/11/2025					0.0017 (J)	<0.0025	<0.0025		
2/13/2025	<0.0025	<0.0025							
2/14/2025			0.00049 (J)	0.00039 (J)				0.003	0.0027

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.0025		<0.0025			
9/16/2011						<0.0025	<0.0025	<0.0025
9/17/2011	<0.0025	<0.0025		<0.0025				
10/28/2011			<0.0025					
10/29/2011	<0.0025	<0.0025						
10/30/2011						0.0031		
10/31/2011				<0.0025	<0.0025		<0.0025	<0.0025
12/12/2011							<0.0025	0.0025
12/13/2011			<0.0025		<0.0025	0.0033		
12/14/2011	<0.0025	<0.0025						
1/25/2012		<0.0025						
2/1/2012					<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012	<0.0025			<0.0025				
2/8/2012			<0.0025					
7/16/2012							<0.0025	0.0017
7/17/2012	<0.0025	0.0023			<0.0025	0.0037		
7/18/2012			<0.0025					
1/22/2013							<0.0025	0.0013
1/23/2013				<0.0025	<0.0025	0.002		
1/24/2013	0.0018	0.0033	<0.0025					
7/2/2013								<0.0025
7/17/2013						0.0013	<0.0025	
7/24/2013	<0.0025	0.0046	<0.0025		<0.0025			
1/21/2014								0.00076 (J)
1/23/2014	0.00041 (J)	0.0024	<0.0025	<0.0025	<0.0025	0.00071 (J)	<0.0025	
6/25/2014							<0.0025	0.00093 (J)
7/1/2014			<0.0025	<0.0025	<0.0025			
7/8/2014	<0.0025	0.0027						
1/14/2015							<0.0025	0.00069 (J)
1/20/2015			<0.0025		<0.0025	0.0013		
1/21/2015	<0.0025	0.0025		<0.0025				
7/28/2015								0.00053 (J)
7/29/2015						0.00054 (J)	<0.0025	
7/30/2015		0.003	<0.0025		<0.0025			
7/31/2015	<0.0025							
1/19/2016			<0.0025					
1/21/2016							<0.0025	0.0005 (J)
1/22/2016		0.0018						
1/25/2016	<0.0025			<0.0025	<0.0025	0.00082 (J)		
3/23/2016		0.00275 (J)	<0.0025		<0.0025	<0.0025		
3/24/2016	<0.0025						<0.0025	<0.0025
3/30/2016				<0.0025				
5/20/2016			<0.0025					
5/23/2016							<0.0025	<0.0025
5/24/2016		0.0024 (J)			<0.0025	0.0136 (O)		
5/25/2016	<0.0025			<0.0025				
7/21/2016			<0.0025				<0.0025	<0.0025
7/22/2016					0.00058 (J)	0.01 (O)		
7/26/2016	<0.0025	0.0043						
7/27/2016				0.0015 (J)				
9/15/2016							<0.0025	<0.0025
9/16/2016					0.00088 (J)	0.011 (O)		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.0025	0.0024 (J)						
9/20/2016			<0.0025					
11/11/2016		0.0018 (J)						
11/14/2016	0.00061 (J)		<0.0025					
11/15/2016					<0.0025		0.00043 (J)	<0.0025
11/17/2016						0.0032		
1/19/2017	<0.0025							
1/20/2017		0.0027						
1/24/2017			<0.0025					
1/25/2017				<0.0025		<0.0025	<0.0025	
1/26/2017					0.0013 (J)			<0.0025
3/16/2017	<0.0025	0.0024 (J)						
3/17/2017			<0.0025					
3/22/2017							<0.0025	<0.0025
3/23/2017				<0.0025		0.0037		
3/24/2017					0.0012 (J)			
4/28/2017		0.0026						
5/1/2017	<0.0025		<0.0025			0.0085 (O)	<0.0025	
5/2/2017				<0.0025	0.00095 (J)			<0.0025
7/19/2017				<0.0025				
8/3/2017	<0.0025	0.0024 (J)			0.00045 (J)		0.027 (O)	<0.0025
8/4/2017			<0.0025	<0.0025		0.0023 (J)		
1/19/2018		0.0019 (J)						
1/22/2018	<0.0025							
1/23/2018				<0.0025	0.00053 (J)	0.0024 (J)	<0.0025	<0.0025
1/24/2018			<0.0025					
6/19/2018								0.00042 (J)
6/20/2018							<0.0025	
6/21/2018			<0.0025					
6/26/2018					<0.0025	0.0042		
6/27/2018	<0.0025	0.002 (J)		<0.0025				
1/21/2019								0.00025 (J)
1/24/2019	0.00012 (J)	0.0019 (J)						
1/28/2019							<0.0025	
1/30/2019			<0.0025		0.00012 (J)	0.00012 (J)		
1/31/2019				<0.0025				
6/25/2019	0.00017 (J)							
6/26/2019		0.0023		<0.0025		0.0025	<0.0025	0.00028 (J)
6/27/2019			<0.0025		0.00017 (J)			
9/10/2019			<0.0025					
9/11/2019				0.00044 (J)			0.00011 (J)	
9/12/2019	0.00012 (J)	0.0022			0.00087	0.00083		0.00027 (J)
3/11/2020			<0.0025				<0.0025	0.00022 (J)
3/12/2020		0.0009 (J)				0.0013 (J)		
3/13/2020	0.00015 (J)							
3/17/2020				0.00017 (J)				
3/18/2020					0.001 (J)			
9/9/2020		0.0034						
9/10/2020			<0.0025					
9/11/2020				<0.0025			<0.0025	0.00028 (J)
9/15/2020	<0.0025				<0.0025			
9/16/2020						0.0019 (J)		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				0.00013 (J)			<0.0025	0.00026 (J)
3/17/2021	<0.0025				0.00021 (J)			
3/18/2021		0.0017 (J)	<0.0025			0.00015 (J)		
8/18/2021								0.00022 (J)
8/19/2021	<0.0025							
8/23/2021		0.0014 (J)	<0.0025					
8/24/2021					<0.0025	<0.0025	<0.0025	
8/25/2021				<0.0025				
3/2/2022			<0.0025				<0.0025	<0.0025
3/8/2022		0.0013 (J)						
3/9/2022	<0.0025				<0.0025	0.00031 (J)		
3/10/2022				<0.0025				
8/10/2022	<0.0025	0.0015 (J)	<0.0025		<0.0025		<0.0025	
8/15/2022						<0.0025		0.00036 (J)
8/16/2022				<0.0025				
2/14/2023			<0.0025					
2/15/2023					<0.0025			
2/20/2023		0.0023 (J)				<0.0025	<0.0025	<0.0025
2/21/2023	<0.0025							
2/22/2023				<0.0025				
8/15/2023		0.0012 (J)			<0.0025	<0.0025		
8/16/2023	<0.0025		<0.0025	0.00031 (J)			<0.0025	0.00052 (J)
2/20/2024	<0.0025	0.001 (J)			<0.0025	<0.0025		
2/21/2024			<0.0025	<0.0025				
2/22/2024							<0.0025	0.00032 (J)
7/30/2024		0.0011 (J)						
7/31/2024						<0.0025		
8/2/2024	<0.0025			<0.0025				
8/5/2024			<0.0025				<0.0025	0.00062 (J)
8/6/2024					<0.0025			
2/11/2025		0.001 (J)						
2/13/2025	<0.0025		<0.0025				<0.0025	
2/18/2025				<0.0025				0.00054 (J)
2/19/2025					<0.0025	<0.0025		

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.002	<0.002			<0.002	<0.002	
9/7/2011									<0.002
9/16/2011	<0.002				<0.002				
9/17/2011		<0.002				<0.013			
10/27/2011	<0.002	<0.002		<0.002			<0.002		
10/28/2011					<0.002	<0.013			
10/30/2011								<0.002	<0.002
12/5/2011							<0.002	<0.002	<0.002
12/12/2011					<0.002	<0.013			
12/13/2011	<0.002								
12/14/2011		<0.002		<0.002					
1/25/2012					<0.002		<0.002	<0.002	<0.002
1/31/2012	<0.002					0.018			
2/1/2012				<0.002					
2/7/2012		<0.002							
7/16/2012					<0.002				
7/17/2012						0.0066			
7/18/2012	<0.002						<0.002		<0.002
7/23/2012		<0.002		<0.002					
7/24/2012								<0.002	
1/7/2013									<0.002
1/8/2013								<0.002	
1/9/2013							<0.002		
1/23/2013		<0.002		<0.002					
1/24/2013	<0.002				<0.002	0.015			
7/9/2013								<0.002	<0.002
7/17/2013	<0.002			<0.002			<0.002		
7/23/2013					<0.002				
7/24/2013		<0.002				0.015			
1/14/2014									<0.002
1/15/2014				<0.002			0.0012 (J)	0.0031 (J)	
1/21/2014	<0.002								
1/22/2014		<0.002			0.0012 (J)	0.015			
6/24/2014									<0.002
6/25/2014	<0.002		0.0016 (J)	<0.002			0.00098 (J)	<0.002	
7/1/2014		0.0011 (J)			<0.002				
7/8/2014						0.0081			
1/13/2015							0.00095 (J)		
1/14/2015	<0.002			<0.002					
1/20/2015								<0.002	<0.002
1/21/2015					<0.002	0.0088			
1/22/2015		<0.002							
7/21/2015	<0.002		<0.002	<0.002	<0.002				
7/22/2015		0.0012 (J)				0.0072			
7/24/2015							<0.002	<0.002	
7/27/2015									<0.002
1/19/2016						0.0083			
1/20/2016		<0.002		<0.002			<0.002	0.0011 (J)	
1/21/2016	<0.002								
1/22/2016					<0.002				
1/26/2016									<0.002
7/21/2016	<0.002			<0.002		0.0056	<0.002	<0.002	

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
7/22/2016									<0.002
7/25/2016					<0.002				
7/26/2016		<0.002							
7/27/2016			<0.002						
1/17/2017				<0.002	<0.002	0.0065			
1/19/2017	<0.002	<0.002							
1/26/2017							<0.002	<0.002	<0.002
8/1/2017			<0.002		<0.002	0.0044			
8/2/2017		<0.002		<0.002					
8/3/2017	<0.002						<0.002	<0.002	
8/4/2017									<0.002
1/19/2018	<0.002	<0.002			<0.002	0.0046			
1/22/2018				<0.002					
1/23/2018							<0.002	<0.002	<0.002
6/19/2018	<0.002	<0.002		<0.002	<0.002	0.0063			
6/20/2018			<0.002						
6/25/2018							<0.002	<0.002	<0.002
1/17/2019	<0.002	<0.002		<0.002					
1/18/2019			<0.002			0.0059			
1/21/2019					<0.002				<0.002
1/30/2019							<0.002	<0.002	
6/24/2019	<0.002	0.0011 (J)		<0.002					
6/25/2019			0.004		<0.002	0.0085			<0.002
6/26/2019							<0.002	<0.002	
9/9/2019	<0.002								
9/10/2019		0.0014 (J)		<0.002	<0.002	0.0074			<0.002
9/11/2019			0.0015 (J)						
9/12/2019							<0.002	<0.002	
3/10/2020	<0.002	<0.002	0.0025	<0.002	<0.002	0.004			
3/12/2020									<0.002
3/16/2020							<0.002	<0.002	
9/9/2020	<0.002		0.0029	<0.002	<0.002	0.0055	<0.002		
9/10/2020		0.00099 (J)							
9/11/2020								<0.002	
9/14/2020									<0.002
3/15/2021	<0.002	0.001 (J)	0.0031	<0.002	<0.002	0.0062			
3/16/2021									<0.002
3/17/2021							<0.002	<0.002	
8/16/2021	<0.002				<0.002				
8/18/2021		0.0011 (J)	0.0017 (J)	<0.002		0.006		<0.002	
8/19/2021							<0.002		<0.002
2/28/2022	<0.002								
3/1/2022		<0.002	0.0025	<0.002	<0.002				
3/2/2022						0.0053	<0.002	<0.002	<0.002
8/9/2022	<0.002	<0.002	0.0033	<0.002	<0.002	0.0055			
8/11/2022							<0.002	<0.002	<0.002
2/13/2023						0.0048			
2/14/2023	<0.002	<0.002	0.0017 (J)	<0.002	<0.002				
2/20/2023							<0.002	<0.002	
2/21/2023									<0.002
8/8/2023			0.0019 (J)			0.0043			
8/9/2023	<0.002	<0.002		<0.002	<0.002				<0.002

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/14/2023							<0.002	<0.002	
2/13/2024	<0.002								
2/14/2024		<0.002		<0.002	<0.002	0.0043	0.0012 (J)	<0.002	
2/21/2024									<0.002
7/29/2024				<0.002	<0.002				
7/30/2024	<0.002	<0.002				0.003			
7/31/2024			0.0025				<0.002		
8/1/2024								<0.002	<0.002
2/10/2025				<0.002	<0.002				
2/11/2025	<0.002	<0.002				0.0038			
2/13/2025									<0.002
2/14/2025							<0.002		
2/18/2025								<0.002	

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.002
9/7/2011	<0.002	<0.002							
9/13/2011				<0.002	<0.002	<0.002	<0.002		
9/16/2011								<0.002	
10/26/2011									<0.002
10/27/2011							<0.002	<0.002	
10/28/2011				<0.002	<0.002	<0.002			
10/30/2011	<0.002	<0.002							
12/3/2011							<0.002	<0.002	<0.002
12/4/2011		<0.002		<0.002	<0.002	<0.002			
12/5/2011	<0.002								
1/19/2012	<0.002	<0.002							
1/24/2012					<0.002	<0.002	<0.002		
1/25/2012									<0.002
2/9/2012				<0.002				<0.002	
7/11/2012					<0.002	<0.002	<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002		<0.002					
1/7/2013	<0.002								
1/8/2013		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013								<0.002	<0.002
7/9/2013	<0.002	<0.002		<0.002					
7/10/2013					<0.002	<0.002	<0.002		
1/14/2014	0.001 (J)	<0.002							<0.002
1/15/2014				0.0012 (J)					
1/21/2014					<0.002	<0.002	<0.002	<0.002	
6/24/2014	<0.002	<0.002						<0.002	
6/25/2014				0.0012 (J)					<0.002
7/1/2014					<0.002	<0.002	0.0014 (J)		
1/13/2015									<0.002
1/14/2015							<0.002	<0.002	
1/20/2015	0.0014 (J)	<0.002							
1/21/2015				<0.002	<0.002	<0.002			
7/22/2015							<0.002	<0.002	<0.002
7/27/2015	<0.002	<0.002							
7/28/2015				<0.002	<0.002	<0.002			
1/25/2016			<0.002						
1/26/2016	0.0013 (J)	0.0022 (J)		0.001 (J)	<0.002				
1/27/2016						0.0021 (J)	0.0068 (O)	<0.002	<0.002
7/22/2016					<0.002				
7/25/2016		<0.002		<0.002					
7/26/2016	<0.002					<0.002	<0.002	<0.002	
7/27/2016			0.004						<0.002
1/26/2017	0.0021 (J)								
1/31/2017		0.0021 (J)		<0.002	<0.002	<0.002			
2/1/2017			<0.002				<0.002	<0.002	<0.002
8/4/2017						<0.002		<0.002	
8/7/2017	0.0035	<0.002		<0.002	<0.002		<0.002		<0.002
8/8/2017			<0.002						
1/24/2018	<0.002	<0.002		<0.002	<0.002				
1/25/2018			<0.002			<0.002	<0.002	<0.002	<0.002
6/20/2018				<0.002		<0.002	<0.002	<0.002	<0.002
6/21/2018	0.0024 (J)	0.0026	<0.002						

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
6/26/2018					<0.002				
1/22/2019	<0.002	<0.002				<0.002	<0.002	0.003	
1/24/2019				<0.002					
1/25/2019					<0.002				<0.002
1/31/2019			<0.002						
6/25/2019	0.00074 (J)	<0.002				<0.002	0.0008 (J)	<0.002	<0.002
6/26/2019			0.00064 (J)	<0.002	<0.002				
9/10/2019	0.00065 (J)								
9/11/2019					0.00096 (J)				0.00065 (J)
9/12/2019						<0.002	0.0017 (J)		
9/16/2019		<0.002		<0.002					
9/17/2019			0.0007 (J)					<0.002	
3/12/2020	0.0014 (J)					<0.002			
3/16/2020		0.00077 (J)		<0.002				<0.002	
3/17/2020			<0.002				<0.002		<0.002
3/18/2020					<0.002				
9/10/2020			0.0083 (O)	0.0034	<0.002	<0.002	<0.002	<0.002	
9/11/2020		<0.002							<0.002
9/14/2020	<0.002								
3/16/2021	0.001 (J)	<0.002			<0.002				
3/17/2021				<0.002		0.00064 (J)	<0.002		<0.002
3/18/2021			<0.002					<0.002	
8/19/2021					<0.002				
8/20/2021	0.0013 (J)		<0.002						<0.002
8/23/2021				<0.002		<0.002	<0.002		
8/24/2021								<0.002	
8/25/2021		<0.002							
3/2/2022	0.0019 (J)								
3/7/2022				<0.002	<0.002		<0.002	<0.002	
3/8/2022			<0.002			<0.002			<0.002
3/9/2022		<0.002							
8/11/2022	<0.002								
8/15/2022				<0.002		<0.002			
8/16/2022		<0.002	<0.002		<0.002		<0.002	<0.002	<0.002
2/15/2023	0.0014 (J)	<0.002	<0.002		<0.002				
2/17/2023							<0.002		
2/20/2023									<0.002
2/21/2023				<0.002		<0.002		<0.002	
8/9/2023	<0.002	<0.002							
8/10/2023			<0.002						
8/14/2023				<0.002	<0.002		<0.002	<0.002	<0.002
8/16/2023						<0.002			
2/14/2024				<0.002					
2/19/2024		0.0012 (J)				<0.002	<0.002		
2/20/2024			<0.002		<0.002				
2/21/2024	0.0028							<0.002	<0.002
7/30/2024	0.0032								
7/31/2024		0.0066	<0.002						
8/5/2024						<0.002			<0.002
8/6/2024				<0.002	<0.002		<0.002	<0.002	
2/11/2025									<0.002
2/13/2025	0.0051								

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/17/2025					<0.002		<0.002		
2/18/2025		0.0015 (J)		<0.002		<0.002		<0.002	
2/19/2025			<0.002						

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.002	<0.002	<0.002						
8/31/2011				<0.002	<0.002				
9/15/2011						<0.002			
9/16/2011							<0.002		
9/17/2011									<0.002
10/26/2011	<0.002	<0.002	<0.002						
10/27/2011				<0.002	<0.002				
10/29/2011						<0.002	<0.002		
10/31/2011									<0.002
12/3/2011	<0.002	<0.002	<0.002						
12/4/2011				<0.002	<0.002				
12/13/2011						<0.002	<0.002		
12/14/2011									<0.002
1/25/2012	<0.002					<0.002			
1/31/2012							<0.002		
2/7/2012									<0.002
2/8/2012			<0.002	<0.002	<0.002				
2/9/2012		<0.002							
7/11/2012	<0.002	<0.002	<0.002	<0.002					
7/17/2012					<0.002				<0.002
7/18/2012						<0.002	<0.002		
1/8/2013	<0.002	<0.002	<0.002	<0.002					
1/9/2013					<0.002				
1/22/2013						<0.002	<0.002		
7/16/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
7/23/2013							<0.002		
7/24/2013									<0.002
1/14/2014	<0.002	<0.002							
1/21/2014			<0.002	<0.002	<0.002	<0.002			
1/22/2014							<0.002		
1/23/2014									0.0034 (J)
6/24/2014		<0.002	<0.002	<0.002	<0.002				
6/25/2014	<0.002					<0.002			
7/1/2014							0.0015 (J)		
7/8/2014								<0.002	0.0017 (J)
1/13/2015		<0.002	<0.002	<0.002	<0.002				
1/14/2015	<0.002					<0.002			
1/21/2015									<0.002
1/22/2015							<0.002		
7/23/2015		<0.002	<0.002	<0.002	<0.002	<0.002			
7/28/2015	0.00081 (J)								
7/29/2015							0.0012 (J)		
7/30/2015									0.0028 (J)
7/31/2015								0.0028 (J)	
1/20/2016								0.0012 (J)	
1/21/2016							<0.002		0.0029 (J)
1/26/2016					<0.002	<0.002			
1/27/2016	<0.002	<0.002	<0.002	<0.002					
7/25/2016		<0.002	<0.002	<0.002					
7/26/2016					<0.002	<0.002			
7/27/2016	<0.002						<0.002	<0.002	<0.002
1/24/2017									<0.002

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/1/2017	<0.002	<0.002							
2/2/2017			<0.002	<0.002	<0.002				
2/3/2017						<0.002	<0.002	<0.002	
8/3/2017									<0.002
8/7/2017	<0.002	<0.002	<0.002	0.0054 (O)	<0.002				
8/8/2017						<0.002	<0.002	<0.002	
1/25/2018	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
1/26/2018				0.0025	<0.002				
6/20/2018					<0.002	<0.002	<0.002		
6/21/2018		<0.002	<0.002	<0.002					
6/26/2018	<0.002								
6/27/2018								<0.002	<0.002
1/24/2019	<0.002				<0.002	<0.002			0.003
1/25/2019							<0.002		
1/28/2019		<0.002	<0.002	<0.002					
1/31/2019								0.00063 (J)	
6/25/2019	<0.002			<0.002	<0.002	<0.002			0.0029
6/26/2019			<0.002				<0.002	0.00094 (J)	
6/27/2019		<0.002							
9/10/2019						0.001 (J)			
9/11/2019	0.00066 (J)	<0.002		0.00085 (J)	<0.002			0.0013 (J)	0.0072 (O)
9/12/2019			<0.002				0.00068 (J)		
1/14/2020									0.0025
3/12/2020								0.0012 (J)	0.0022
3/17/2020	<0.002	<0.002							
3/18/2020			<0.002	<0.002	<0.002	<0.002	<0.002		
9/10/2020						<0.002	<0.002		
9/14/2020	<0.002	<0.002							0.0034
9/15/2020			<0.002	<0.002	<0.002			0.0023	
3/15/2021						<0.002			
3/16/2021	<0.002	<0.002		<0.002	0.0012 (J)				
3/17/2021			<0.002						0.0018 (J)
3/18/2021							0.00066 (J)	0.0022	
8/19/2021					<0.002	<0.002		0.001 (J)	0.0016 (J)
8/20/2021	<0.002								
8/23/2021							0.0011 (J)		
8/24/2021		<0.002	0.00094 (J)	<0.002					
3/7/2022				<0.002	<0.002				
3/8/2022	<0.002	<0.002	<0.002			0.0024			<0.002
3/9/2022							<0.002		
3/10/2022								<0.002	
8/10/2022									<0.002
8/11/2022	<0.002	<0.002	<0.002						
8/16/2022				<0.002	<0.002		<0.002		
8/17/2022						<0.002			
8/18/2022								<0.002	
2/14/2023						<0.002			
2/16/2023								<0.002	
2/20/2023	<0.002	<0.002							
2/21/2023			<0.002		<0.002		<0.002		<0.002
2/22/2023				<0.002					
8/9/2023		<0.002	<0.002	<0.002	<0.002				

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/10/2023	<0.002								
8/14/2023						<0.002			
8/15/2023							<0.002		0.0014 (J)
8/16/2023								<0.002	
2/14/2024						<0.002			
2/19/2024					<0.002		<0.002		
2/20/2024	<0.002			<0.002					
2/21/2024		<0.002	<0.002						<0.002
2/22/2024								<0.002	
7/30/2024					<0.002		<0.002		
8/1/2024									<0.002
8/2/2024				<0.002					
8/6/2024			<0.002			<0.002		<0.002	
8/7/2024	<0.002	<0.002							
2/11/2025					<0.002	<0.002	<0.002		
2/13/2025	<0.002	<0.002							
2/14/2025			<0.002	0.0014 (J)				<0.002	<0.002

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.002		<0.002			
9/16/2011						<0.002	<0.002	<0.002
9/17/2011	<0.002	<0.002		<0.002				
10/28/2011			<0.002					
10/29/2011	<0.002	<0.002						
10/30/2011						<0.002		
10/31/2011				<0.002	<0.002		<0.002	<0.002
12/12/2011							<0.002	<0.002
12/13/2011			<0.002		<0.002	<0.002		
12/14/2011	<0.002	<0.002						
1/25/2012		<0.002						
2/1/2012					<0.002	<0.002	<0.002	<0.002
2/7/2012	<0.002			<0.002				
2/8/2012			<0.002					
7/16/2012							<0.002	<0.002
7/17/2012	<0.002	<0.002			<0.002	<0.002		
7/18/2012			<0.002					
1/22/2013							<0.002	<0.002
1/23/2013				<0.002	<0.002	<0.002		
1/24/2013	<0.002	<0.002	<0.002					
7/2/2013								<0.002
7/17/2013						<0.002	<0.002	
7/24/2013	<0.002	<0.002	<0.002		<0.002			
1/21/2014								0.0017 (J)
1/23/2014	0.0027 (J)	<0.002	<0.002	0.0018 (J)	<0.002	<0.002	<0.002	
6/25/2014							<0.002	0.00087 (J)
7/1/2014			<0.002	0.0048 (J)	<0.002			
7/8/2014	<0.002	<0.002						
1/14/2015							<0.002	<0.002
1/20/2015			<0.002		<0.002	<0.002		
1/21/2015	<0.002	<0.002		<0.002				
7/28/2015								0.0008 (J)
7/29/2015						0.0012 (J)	<0.002	
7/30/2015		0.002 (J)	<0.002		<0.002			
7/31/2015	0.0024 (J)							
1/19/2016			<0.002					
1/21/2016							<0.002	0.00095 (J)
1/22/2016		0.0038 (JO)						
1/25/2016	<0.002			<0.002	<0.002	<0.002		
7/21/2016			<0.002				<0.002	<0.002
7/22/2016					<0.002	<0.002		
7/26/2016	<0.002	<0.002						
7/27/2016				0.0043				
1/19/2017	<0.002							
1/20/2017		<0.002						
1/24/2017			<0.002					
1/25/2017				<0.002		<0.002	<0.002	
1/26/2017					<0.002			<0.002
8/3/2017	<0.002	<0.002			<0.002		<0.002	<0.002
8/4/2017			<0.002	0.003		<0.002		
1/19/2018		<0.002						
1/22/2018	<0.002							

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

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/23/2018				0.0022 (J)	<0.002	<0.002	<0.002	<0.002
1/24/2018			<0.002					
6/19/2018								<0.002
6/20/2018							<0.002	
6/21/2018			<0.002					
6/26/2018					<0.002	<0.002		
6/27/2018	<0.002	<0.002		0.0036				
1/21/2019								<0.002
1/24/2019	0.0017 (J)	<0.002						
1/28/2019							<0.002	
1/30/2019			<0.002		<0.002	<0.002		
1/31/2019				0.00064 (J)				
6/25/2019	0.002							
6/26/2019		<0.002		0.0019 (J)		<0.002	<0.002	<0.002
6/27/2019			<0.002		<0.002			
9/10/2019			<0.002					
9/11/2019				0.0063			0.0013 (J)	
9/12/2019	0.001 (J)	0.0011 (J)			<0.002	<0.002		<0.002
1/14/2020				0.005				
3/11/2020			<0.002				<0.002	0.00072 (J)
3/12/2020		<0.002				<0.002		
3/13/2020	0.00078 (J)							
3/17/2020				0.0014 (J)				
3/18/2020					<0.002			
9/9/2020		<0.002						
9/10/2020			<0.002					
9/11/2020				0.0013 (J)			<0.002	<0.002
9/15/2020	<0.002				<0.002			
9/16/2020						0.00079 (J)		
3/16/2021				0.0029			<0.002	<0.002
3/17/2021	<0.002				<0.002			
3/18/2021		0.00066 (J)	<0.002			<0.002		
8/18/2021								<0.002
8/19/2021	0.0011 (J)							
8/23/2021		<0.002	<0.002					
8/24/2021					<0.002	<0.002	<0.002	
8/25/2021				0.0019 (J)				
3/2/2022			<0.002				<0.002	<0.002
3/8/2022		<0.002						
3/9/2022	<0.002				<0.002	<0.002		
3/10/2022				<0.002				
8/10/2022	<0.002	<0.002	<0.002		<0.002		<0.002	
8/15/2022						<0.002		<0.002
8/16/2022				0.0053				
2/14/2023			<0.002					
2/15/2023					<0.002			
2/20/2023		<0.002				<0.002	<0.002	<0.002
2/21/2023	<0.002							
2/22/2023				<0.002				
8/15/2023		<0.002			<0.002	<0.002		
8/16/2023	<0.002		<0.002	0.004			<0.002	<0.002
2/20/2024	<0.002	<0.002			<0.002	<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/21/2024			<0.002	0.0013 (J)				
2/22/2024							0.0023	<0.002
7/30/2024		<0.002						
7/31/2024						<0.002		
8/2/2024	<0.002			0.0035				
8/5/2024			<0.002				<0.002	<0.002
8/6/2024					<0.002			
2/11/2025		<0.002						
2/13/2025	<0.002		<0.002				<0.002	
2/18/2025				0.0011 (J)				<0.002
2/19/2025					<0.002	<0.002		

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					1.4375	2.2163			
3/23/2016	0.019 (J)	0.0276 (J)		0.0713 (J)					
3/28/2016							0.1116 (J)	0.0752 (J)	
3/29/2016									0.2179 (J)
3/31/2016			0.0551 (J)						
5/19/2016				0.078 (J)		2.35			
5/20/2016	0.02 (J)								
5/23/2016					1.62		0.1022 (J)		
5/24/2016		0.023 (J)						0.081 (J)	0.216 (J)
5/25/2016			0.0485 (J)						
7/21/2016	<0.1			<0.1		3.2	0.11 (J)	0.088 (J)	
7/22/2016									0.23
7/25/2016					1.7				
7/26/2016		<0.1							
7/27/2016			<0.1						
9/14/2016				<0.1					
9/15/2016	<0.1				1.6		0.084 (J)	0.084 (J)	0.22
9/16/2016		<0.1							
11/9/2016					1.7				
11/10/2016		<0.1		<0.1					
11/11/2016	<0.1								
11/15/2016							<0.1		
11/16/2016								<0.1	0.22
1/17/2017				<0.1	1.6	2.6			
1/19/2017	<0.1	<0.1							
1/26/2017							<0.1	<0.1	0.23
3/15/2017						1.9			
3/16/2017	<0.1			<0.1	1.7				
3/17/2017		<0.1							
3/22/2017							<0.1	<0.1	0.2
4/27/2017				<0.1	1.4	2.5			
4/28/2017	<0.1	<0.1							
5/2/2017							0.1 (J)	<0.1	0.21
7/18/2017						2.2			
8/1/2017						2.5			
10/3/2017		<0.1	<0.1	<0.1	1.7	2.3	0.089 (J)	<0.1	0.23
10/4/2017	<0.1								
1/19/2018	<0.1	<0.1			1.4	2.1			
1/22/2018				<0.1					
1/23/2018							0.085 (J)	<0.1	0.17 (J)
6/19/2018	<0.1	<0.1		0.084 (J)	1.6	2.3			
6/20/2018			<0.1						
6/25/2018							0.097 (J)	<0.1	0.25
9/25/2018	<0.1	<0.1		<0.1	1.7	2.3		<0.1	
10/2/2018									0.25
10/3/2018							0.13 (J)		
1/17/2019	<0.1	<0.1		0.06 (J)					
1/18/2019			0.028 (J)			2			
1/21/2019					1.6				0.22
1/30/2019							0.11 (J)	0.078 (J)	
6/24/2019	0.031 (J)	0.032 (J)		0.08 (J)					
6/25/2019			0.03 (J)		1.9	0.034 (J)			0.21

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/26/2019							0.081 (J)	0.059 (J)	
9/9/2019	<0.1								
9/10/2019		<0.1		0.091 (J)	1.8	2.6			0.28
9/11/2019			0.033 (J)						
9/12/2019							0.078 (J)	0.076 (J)	
3/10/2020	<0.1	<0.1	0.035 (J)	0.056 (J)	2	1.7			
3/12/2020									0.16
3/16/2020							0.076 (J)	0.073 (J)	
9/9/2020	<0.1		0.032 (J)	0.06 (J)	1.8	1.9	0.096 (J)		
9/10/2020		<0.1							
9/11/2020								0.079 (J)	
9/14/2020									0.19
3/15/2021	0.036 (J)	<0.1	0.027 (J)	0.046 (J)	1.3	1.7			
3/16/2021									0.21
3/17/2021							0.094 (J)	0.073 (J)	
8/16/2021	<0.1				1.6				
8/18/2021		<0.1	0.035 (J)	0.079 (J)		2		0.14	
8/19/2021							0.19		0.35
2/28/2022	<0.1								
3/1/2022		<0.1	<0.1	0.035 (J)	1.3				
3/2/2022						1.8	0.093 (J)	0.082 (J)	0.16
8/9/2022	<0.1	<0.1	<0.1	0.066 (J)	1.5	1.9			
8/11/2022							0.076 (J)	0.078 (J)	0.22
2/13/2023						1.7			
2/14/2023	<0.1	<0.1	0.052 (J)	0.076 (J)	2				
2/20/2023							0.092 (J)	0.079 (J)	
2/21/2023									0.23
8/8/2023			0.055 (J)			2.1			
8/9/2023	<0.1	<0.1		0.08 (J)	1.8				0.28
8/14/2023							0.058 (J)	0.058 (J)	
2/13/2024	<0.1								
2/14/2024		<0.1		<0.1	0.95	1.2	<0.1	0.049 (J)	
2/21/2024									<0.2
7/29/2024				0.059 (J)	1.4				
7/30/2024	<0.1	<0.1				1.9			
7/31/2024			<0.1				0.056 (J)		
8/1/2024								<0.1	0.14
2/10/2025				<0.1	0.7				
2/11/2025	<0.1	<0.1				1.4			
2/13/2025									<0.2
2/14/2025							<0.1		
2/18/2025								<0.1	

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	0.0698 (J)	0.0671 (J)		0.1377 (J)	0.1936 (J)	0.1084 (J)			
3/30/2016			1.2013				0.0355 (J)	0.0785 (J)	0.0391 (J)
5/24/2016	0.072 (J)	0.06 (J)							
5/25/2016			1.34	0.1521 (J)	0.1797 (J)	0.1002 (J)	0.0265 (J)	0.0757 (J)	0.034 (J)
7/22/2016					0.22				
7/25/2016		0.096 (J)		0.21					
7/26/2016	0.092 (J)					0.12 (J)	0.1 (J)	0.11 (J)	
7/27/2016			1.5						<0.1
9/15/2016					0.18 (J)	0.1 (J)	<0.5		
9/16/2016			1.3						<0.1
9/19/2016	<0.1	<0.1		0.15 (J)					
9/20/2016								<0.1	
11/16/2016	<0.1	<0.1		0.14 (J)	0.16 (J)				
11/17/2016			0.76			0.092 (J)	<0.5	<0.1	<0.1
1/26/2017	<0.1								
1/31/2017		<0.1		<0.1	0.19 (J)	0.11 (J)			
2/1/2017			1.3				<0.5	0.086 (J)	<0.1
3/23/2017	<0.1	0.12 (J)		0.097 (J)	0.17 (J)	0.088 (J)	<0.5	<0.1	
3/24/2017			1.3						<0.1
5/2/2017		<0.1		0.11 (J)					
5/3/2017	<0.1		1.1		0.19 (J)	0.098 (J)	<0.5	<0.1	<0.1
10/3/2017		<0.1							
10/4/2017			1.2	0.16 (J)	0.2		<0.5	<0.1	
10/5/2017	0.085 (J)					0.1 (J)			<0.1
1/24/2018	<0.1	<0.1		0.11 (J)	0.16 (J)				
1/25/2018			0.75			0.1 (J)	<0.5	<0.1	<0.1
6/20/2018				0.13 (J)		0.11 (J)	<0.5	0.093 (J)	<0.1
6/21/2018	<0.1	<0.1	0.76						
6/26/2018					0.18 (J)				
9/26/2018	<0.1	0.082 (J)							
9/27/2018			0.59	0.12 (J)					
9/28/2018					0.2				
10/1/2018							0.083 (J)	0.1 (J)	<0.1
10/2/2018						0.13 (J)			
1/22/2019	0.062 (J)	0.065 (J)				0.1 (J)	0.057 (J)	0.071 (J)	
1/24/2019				0.076 (J)					
1/25/2019					0.21				0.027 (J)
1/31/2019			0.78						
6/25/2019	0.055 (J)	0.066 (J)				0.084 (J)	0.054 (J)	0.068 (J)	0.052 (J)
6/26/2019			0.68	0.096 (J)	0.16 (J)				
9/10/2019	0.1 (J)								
9/11/2019					0.17				0.038 (J)
9/12/2019						0.065 (J)	<0.5		
9/16/2019		0.062 (J)		0.12 (J)					
9/17/2019			0.29					0.071 (J)	
3/12/2020	0.043 (J)					0.044 (J)			
3/16/2020		0.08 (J)		0.051 (J)				0.07 (J)	
3/17/2020			0.74				0.046 (J)		<0.1
3/18/2020					0.058 (J)				
9/10/2020			0.81	0.14	0.16	0.1	0.038 (J)	0.08 (J)	
9/11/2020		0.082 (J)							0.04 (J)
9/14/2020	0.062 (J)								

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/16/2021	0.044 (J)	0.043 (J)			0.14				
3/17/2021				0.08 (J)		0.1	0.036 (J)		0.031 (J)
3/18/2021			1.1					0.073 (J)	
8/19/2021					0.26				
8/20/2021	0.1		0.89						0.065 (J)
8/23/2021				0.21		0.12	0.068 (J)		
8/24/2021								0.13	
8/25/2021		0.1							
3/2/2022	0.058 (J)								
3/7/2022				0.14	0.18		0.071 (J)	0.12	
3/8/2022			1.2			0.13			0.057 (J)
3/9/2022		0.068 (J)							
8/11/2022	0.069 (J)								
8/15/2022				0.061 (J)		0.083 (J)			
8/16/2022		0.076 (J)	1.4		0.13		0.041 (J)	0.08 (J)	0.041 (J)
2/15/2023	0.063 (J)	0.062 (J)	0.78		0.13				
2/17/2023							0.081 (J)		
2/20/2023									0.046 (J)
2/21/2023				0.061 (J)		0.086 (J)		0.077 (J)	
8/9/2023	0.096 (J)	0.081 (J)							
8/10/2023			0.73						
8/14/2023				0.05 (J)	0.099 (J)		0.056 (J)	0.064 (J)	<0.1
8/16/2023						0.082 (J)			
2/14/2024				0.056 (J)					
2/19/2024		<0.1				<0.1	<0.5		
2/20/2024			0.77		<0.2				
2/21/2024	<0.1							<0.1	<0.1
7/30/2024	<0.1								
7/31/2024		<0.1	0.72						
8/5/2024						0.048 (J)			<0.1
8/6/2024				0.062 (J)	<0.2		<0.5	0.051 (J)	
2/11/2025									<0.1
2/13/2025	<0.1								
2/17/2025					<0.2		<0.5		
2/18/2025		<0.1		<0.1		<0.1		<0.1	
2/19/2025			0.66						

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									0.0542 (J)
3/29/2016							0.0308 (J)		
3/30/2016	0.0422 (J)	0.0362 (J)	0.0369 (J)	0.04 (J)	0.0137 (J)			0.0255 (J)	
3/31/2016						0.0429 (J)			
5/25/2016	0.045 (J)						0.0285 (J)	0.0182 (J)	
5/26/2016		0.038 (J)	0.031 (J)	0.041 (J)	0.014 (J)	0.048 (J)			0.034 (J)
7/25/2016		<0.1	<0.1	<0.1					
7/26/2016					<0.1	<0.1			
7/27/2016	<0.1						<0.1	<0.1	<0.1
9/16/2016								<0.1	
9/19/2016	<0.1	<0.1	<0.1						<0.1
9/20/2016				<0.1	<0.1	<0.1	<0.1		
11/15/2016									<0.1
11/17/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			
11/18/2016							<0.1	<0.1	
1/24/2017									<0.1
2/1/2017	<0.1	<0.1							
2/2/2017			<0.1	<0.1	<0.1				
2/3/2017						<0.1	<0.1	<0.1	
3/23/2017									<0.1
3/24/2017	<0.1	<0.1	<0.1						
3/28/2017				<0.1	<0.1	<0.1	<0.1		
3/29/2017								<0.1	
5/2/2017									<0.1
5/3/2017	<0.1	<0.1	<0.1			<0.1			
5/4/2017				<0.1	<0.1		<0.1	<0.1	
10/4/2017	<0.1								
10/5/2017		<0.1	<0.1			<0.1	<0.1	<0.1	<0.1
10/6/2017				<0.1	<0.1				
1/25/2018	<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1
1/26/2018				<0.1	<0.1				
6/20/2018					<0.1	<0.1	<0.1		
6/21/2018		<0.1	<0.1	<0.1					
6/26/2018	<0.1								
6/27/2018								<0.1	<0.1
9/26/2018									<0.1
9/27/2018			<0.1	<0.1	<0.1				
9/28/2018		<0.1						<0.1	
10/1/2018						<0.1	<0.1		
10/2/2018	<0.1								
1/24/2019	<0.1				<0.1	<0.1			<0.1
1/25/2019							<0.1		
1/28/2019		<0.1	<0.1	<0.1					
1/31/2019								<0.1	
6/25/2019	0.051 (J)			0.049 (J)	0.032 (J)	0.052 (J)			0.033 (J)
6/26/2019			0.046 (J)				0.042 (J)	0.04 (J)	
6/27/2019		0.046 (J)							
9/10/2019						<0.1			
9/11/2019	0.043 (J)	0.036 (J)		0.039 (J)	<0.1			<0.1	0.039 (J)
9/12/2019			0.031 (J)				0.033 (J)		
3/12/2020								<0.1	0.032 (J)
3/17/2020	<0.1	<0.1							

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/18/2020			0.068 (J)	0.048 (J)	0.034 (J)	0.056 (J)	0.034 (J)		
9/10/2020						0.043 (J)	0.029 (J)		
9/14/2020	0.056 (J)	0.033 (J)							0.031 (J)
9/15/2020			<0.1	0.033 (J)	<0.1			<0.1	
3/15/2021						0.045 (J)			
3/16/2021	0.034 (J)	0.029 (J)		0.031 (J)	<0.1				
3/17/2021			<0.1						0.03 (J)
3/18/2021							<0.1	<0.1	
8/19/2021					0.48 (J)	0.031 (J)		0.089 (J)	0.11
8/20/2021	0.091 (J)								
8/23/2021							0.051 (J)		
8/24/2021		0.083 (J)	0.078 (J)	0.077 (J)					
3/7/2022				0.07 (J)	0.043 (J)				
3/8/2022	0.057 (J)	0.058 (J)	0.046 (J)			0.054 (J)			0.057 (J)
3/9/2022							0.049 (J)		
3/10/2022								0.037 (J)	
8/10/2022									0.04 (J)
8/11/2022	0.041 (J)	<0.1	<0.1						
8/16/2022				0.041 (J)	<0.1		<0.1		
8/17/2022						0.049 (J)			
8/18/2022								0.041 (J)	
2/14/2023						0.057 (J)			
2/16/2023								<0.1	
2/20/2023	0.046 (J)	<0.1							
2/21/2023			<0.1		<0.1		<0.1		0.041 (J)
2/22/2023				<0.1					
8/9/2023		0.042 (J)	<0.1	0.046 (J)	<0.1				
8/10/2023	0.047 (J)								
8/14/2023						0.044 (J)			
8/15/2023							<0.1		0.045 (J)
8/16/2023								<0.1	
2/14/2024						<0.1			
2/19/2024					<0.1		<0.1		
2/20/2024	<0.1			<0.1					
2/21/2024		<0.1	<0.1						<0.1
2/22/2024								<0.1	
7/30/2024					<0.1		<0.1		
8/1/2024									0.042 (J)
8/2/2024				<0.1					
8/6/2024			<0.1			<0.1		<0.1	
8/7/2024	<0.1	<0.1							
2/11/2025					<0.1	<0.1	<0.1		
2/13/2025	<0.1	<0.1							
2/14/2025			<0.1	<0.1				<0.1	<0.1

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		0.4759	0.0999 (J)		2.1209	2.8158		
3/24/2016	0.0318 (J)						0.1653 (J)	0.0396 (J)
3/30/2016				1.5245				
5/20/2016			0.104 (J)					
5/23/2016							0.155 (J)	0.0343 (J)
5/24/2016		0.198 (J)			2.71			
5/25/2016	0.0282 (J)			1.65				
7/21/2016			0.11 (J)				0.19 (J)	<0.2
7/22/2016					3.5			
7/26/2016	<0.1	1.2						
9/15/2016							0.16 (J)	<0.2
9/16/2016					3.5			
9/19/2016	<0.1	0.64						
9/20/2016			0.092 (J)					
11/11/2016		1.2						
11/14/2016	<0.1		<0.1					
11/15/2016					3.2		0.14 (J)	<0.2
11/17/2016						4.1		
1/19/2017	<0.1							
1/20/2017		0.83						
1/24/2017			0.094 (J)					
1/25/2017				1.4		5.6	0.16 (J)	
1/26/2017					3.9			<0.2
3/16/2017	<0.1	0.32						
3/17/2017			0.084 (J)					
3/22/2017							0.14 (J)	<0.2
3/23/2017						3.1		
3/24/2017					3.2			
4/28/2017		0.83						
5/1/2017	<0.1		0.092 (J)			4.2	0.16 (J)	
5/2/2017					3.5			<0.2
7/19/2017				1.6		3.4		
8/4/2017						4		
8/24/2017						4.2		
9/6/2017				<20 (o)		<20 (o)		
10/3/2017		0.18 (J)					0.17 (J)	<0.2
10/4/2017	<0.1		0.091 (J)					
10/5/2017						3.9		
10/6/2017				1.6	3.5			
11/30/2017						2.8		
12/1/2017					3.4			
1/19/2018		0.6						
1/22/2018	<0.1							
1/23/2018				1.5	3.1	3.4	0.13 (J)	<0.2
1/24/2018			<0.1					
6/19/2018								<0.2
6/20/2018							0.18 (J)	
6/21/2018			<0.1					
6/26/2018					2.6	2.1		
6/27/2018	<0.1	0.73		1.6				
9/27/2018	<0.1	0.91						
10/1/2018								<0.2

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
10/2/2018					2.4	2.1	0.18 (J)	
10/3/2018			0.13 (J)	1.7				
1/21/2019								0.031 (J)
1/24/2019	<0.1	0.039 (J)						
1/28/2019							0.19 (J)	
1/30/2019			0.1 (J)		2.3	2.3		
1/31/2019				1.3				
6/25/2019	0.047 (J)							
6/26/2019		0.85		1.3		2.4	0.11 (J)	0.045 (J)
6/27/2019			0.073 (J)		2			
9/10/2019			0.1 (J)					
9/11/2019							0.15	
9/12/2019	<0.1	0.18			2.8	2.4		0.038 (J)
3/11/2020			0.066 (J)				0.18 (J)	0.035 (J)
3/12/2020		0.044 (J)				2.1		
3/13/2020	0.026 (J)							
3/17/2020				1.2				
3/18/2020					2.8			
9/9/2020		0.8						
9/10/2020			0.081 (J)					
9/11/2020				1.5			0.15	0.034 (J)
9/15/2020	<0.1				2.2			
9/16/2020						1.4		
3/16/2021				1.3			0.13	0.03 (J)
3/17/2021	<0.1				2.3			
3/18/2021		0.72	0.072 (J)			2.1		
8/18/2021								0.11
8/19/2021	0.1							
8/23/2021		0.27	0.12					
8/24/2021					2.1	1.1	0.22	
8/25/2021				1.5				
3/2/2022			0.047 (J)				0.086 (J)	<0.2
3/8/2022		0.5						
3/9/2022	0.049 (J)				1.9	2.1		
3/10/2022				1.5				
8/10/2022	<0.1	0.67	0.075 (J)		2.1		0.14	
8/15/2022						2.3		0.044 (J)
8/16/2022				1.5				
2/14/2023			0.091 (J)					
2/15/2023					2.3			
2/20/2023		0.16				2.4	0.13	<0.2
2/21/2023	<0.1							
2/22/2023				1.3				
8/15/2023		0.61			2	2		
8/16/2023	0.04 (J)		0.073 (J)	1.5			0.15	0.046 (J)
2/20/2024	<0.1	0.49			2.5	2.1		
2/21/2024			<0.1	1.5				
2/22/2024							<0.1	<0.2
7/30/2024		0.64						
7/31/2024						2		
8/2/2024	<0.1							
8/5/2024			0.042 (J)				0.1	<0.2

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
8/6/2024					0.69			
2/11/2025		0.34						
2/13/2025	<0.1		<0.1				<0.1	
2/18/2025				1.3				<0.2
2/19/2025					2.2	1.7		

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.001	<0.001			<0.001	<0.001	
9/7/2011									<0.001
9/16/2011	<0.001				<0.001				
9/17/2011		<0.001				<0.001			
10/27/2011	<0.001	<0.001		<0.001			<0.001		
10/28/2011					<0.001	<0.001			
10/30/2011								<0.001	<0.001
12/5/2011							<0.001	<0.001	<0.001
12/12/2011					<0.001	<0.001			
12/13/2011	<0.001								
12/14/2011		<0.001		<0.001					
1/25/2012					<0.001		<0.001	<0.001	<0.001
1/31/2012	<0.001					<0.001			
2/1/2012				<0.001					
2/7/2012		<0.001							
7/16/2012					<0.001				
7/17/2012						<0.001			
7/18/2012	<0.001						<0.001		<0.001
7/23/2012		<0.001		<0.001					
7/24/2012								<0.001	
1/7/2013									<0.001
1/8/2013								<0.001	
1/9/2013							<0.001		
1/23/2013		<0.001		<0.001					
1/24/2013	<0.001				<0.001	<0.001			
7/9/2013								<0.001	<0.001
7/17/2013	<0.001			<0.001			<0.001		
7/23/2013					<0.001				
7/24/2013		<0.001				<0.001			
1/14/2014									<0.001
1/15/2014				<0.001			<0.001	<0.001	
1/21/2014	<0.001								
1/22/2014		<0.001			<0.001	<0.001			
6/24/2014									<0.001
6/25/2014	<0.001		<0.001	<0.001			<0.001	<0.001	
7/1/2014		<0.001			<0.001				
7/8/2014						<0.001			
1/13/2015							<0.001		
1/14/2015	<0.001			<0.001					
1/20/2015								<0.001	<0.001
1/21/2015					<0.001	<0.001			
1/22/2015		<0.001							
7/21/2015	<0.001		<0.001	<0.001	<0.001				
7/22/2015		<0.001				<0.001			
7/24/2015							<0.001	<0.001	
7/27/2015									<0.001
1/19/2016						<0.001			
1/20/2016		<0.001		<0.001			<0.001	<0.001	
1/21/2016	<0.001								
1/22/2016					<0.001				
1/26/2016									<0.001
3/22/2016					<0.001	<0.001			

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.001	<0.001		<0.001					
3/28/2016							<0.001	<0.001	
3/29/2016									<0.001
3/31/2016			<0.001						
5/19/2016				<0.001		<0.001			
5/20/2016	<0.001								
5/23/2016					<0.001		<0.001		
5/24/2016		<0.001						<0.001	<0.001
5/25/2016			<0.001						
7/21/2016	<0.001			<0.001		<0.001	<0.001	<0.001	
7/22/2016									<0.001
7/25/2016					<0.001				
7/26/2016		<0.001							
7/27/2016			<0.001						
9/14/2016				<0.001					
9/15/2016	<0.001				<0.001		<0.001	<0.001	<0.001
9/16/2016		<0.001							
11/9/2016					<0.001				
11/10/2016		<0.001		<0.001					
11/11/2016	<0.001								
11/15/2016							<0.001		
11/16/2016								<0.001	<0.001
1/17/2017				<0.001	<0.001	<0.001			
1/19/2017	<0.001	<0.001							
1/26/2017							<0.001	<0.001	<0.001
3/15/2017						<0.001			
3/16/2017	<0.001			<0.001	<0.001				
3/17/2017		<0.001							
3/22/2017							<0.001	<0.001	<0.001
4/27/2017				<0.001	<0.001	<0.001			
4/28/2017	<0.001	<0.001							
5/2/2017							<0.001	<0.001	<0.001
7/18/2017						<0.001			
8/1/2017			<0.001		<0.001	<0.001			
8/2/2017		<0.001		<0.001					
8/3/2017	<0.001						<0.001	<0.001	
8/4/2017									<0.001
10/3/2017			<0.001						
1/19/2018	<0.001	<0.001			<0.001	<0.001			
1/22/2018				<0.001					
1/23/2018							<0.001	<0.001	<0.001
6/19/2018	<0.001	<0.001		<0.001	<0.001	<0.001			
6/20/2018			<0.001						
6/25/2018							<0.001	<0.001	<0.001
1/17/2019	<0.001	<0.001		<0.001					
1/18/2019			0.00011 (J)			<0.001			
1/21/2019					<0.001				<0.001
1/30/2019							0.00014 (J)	<0.001	
6/24/2019	<0.001	<0.001		<0.001					
6/25/2019			<0.001		<0.001	0.00029 (J)			<0.001
6/26/2019							<0.001	<0.001	
9/9/2019	<0.001								

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		0.00014 (J)		<0.001	<0.001	0.00028 (J)			<0.001
9/11/2019			0.00017 (J)						
9/12/2019							<0.001	<0.001	
3/10/2020	<0.001	<0.001	0.002	<0.001	<0.001	<0.001			
3/12/2020									<0.001
3/16/2020							<0.001	<0.001	
9/9/2020	<0.001		0.00014 (J)	<0.001	0.00024 (J)	0.00013 (J)	<0.001		
9/10/2020		<0.001							
9/11/2020								<0.001	
9/14/2020									<0.001
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	0.00013 (J)			
3/16/2021									<0.001
3/17/2021							<0.001	<0.001	
8/16/2021	<0.001				<0.001				
8/18/2021		<0.001	<0.001	0.00031 (J)		0.00021 (J)		<0.001	
8/19/2021							<0.001		<0.001
2/28/2022	<0.001								
3/1/2022		<0.001	<0.001	<0.001	<0.001				
3/2/2022						<0.001	<0.001	<0.001	<0.001
8/9/2022	<0.001	0.0002 (J)	<0.001	<0.001	<0.001	<0.001			
8/11/2022							<0.001	<0.001	<0.001
2/13/2023						<0.001			
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2023							<0.001	<0.001	
2/21/2023									0.00036 (J)
8/8/2023			<0.001			<0.001			
8/9/2023	<0.001	<0.001		<0.001	<0.001				<0.001
8/14/2023							<0.001	<0.001	
2/13/2024	<0.001								
2/14/2024		0.0012		<0.001	<0.001	0.00021 (J)	<0.001	<0.001	
2/21/2024									<0.001
7/29/2024				<0.001	<0.001				
7/30/2024	0.00021 (J)	<0.001				<0.001			
7/31/2024			<0.001				<0.001		
8/1/2024								<0.001	<0.001
2/10/2025				<0.001	<0.001				
2/11/2025	<0.001	<0.001				<0.001			
2/13/2025									<0.001
2/14/2025							<0.001		
2/18/2025								<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.001
9/7/2011	<0.001	<0.001							
9/13/2011				<0.001	<0.001	<0.001	<0.001		
9/16/2011								<0.001	
10/26/2011									<0.001
10/27/2011							<0.001	<0.001	
10/28/2011				<0.001	<0.001	<0.001			
10/30/2011	<0.001	<0.001							
12/3/2011							<0.001	<0.001	<0.001
12/4/2011		<0.001		<0.001	<0.001	<0.001			
12/5/2011	<0.001								
1/19/2012	<0.001	<0.001							
1/24/2012					<0.001	<0.001	<0.001		
1/25/2012									<0.001
2/9/2012				<0.001				<0.001	
7/11/2012					<0.001	<0.001	<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001		<0.001					
1/7/2013	<0.001								
1/8/2013		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013								<0.001	<0.001
7/9/2013	<0.001	<0.001		<0.001					
7/10/2013					<0.001	<0.001	<0.001		
1/14/2014	<0.001	<0.001							<0.001
1/15/2014				<0.001					
1/21/2014					<0.001	<0.001	<0.001	<0.001	
6/24/2014	<0.001	<0.001						<0.001	
6/25/2014				<0.001					<0.001
7/1/2014					<0.001	<0.001	<0.001		
1/13/2015									<0.001
1/14/2015							<0.001	<0.001	
1/20/2015	<0.001	<0.001							
1/21/2015				<0.001	<0.001	<0.001			
7/22/2015							<0.001	<0.001	<0.001
7/27/2015	<0.001	<0.001							
7/28/2015				<0.001	<0.001	<0.001			
1/25/2016			<0.001						
1/26/2016	<0.001	<0.001		<0.001	<0.001				
1/27/2016						<0.001	<0.001	<0.001	<0.001
3/29/2016	<0.001	<0.001		<0.001	<0.001	<0.001			
3/30/2016			<0.001				<0.001	<0.001	<0.001
5/24/2016	<0.001	<0.001							
5/25/2016			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/22/2016					<0.001				
7/25/2016		<0.001		<0.001					
7/26/2016	<0.001					<0.001	<0.001	<0.001	
7/27/2016			0.0013						<0.001
9/15/2016					<0.001	<0.001	<0.001		
9/16/2016			<0.001						<0.001
9/19/2016	<0.001	<0.001		<0.001					
9/20/2016								<0.001	
11/16/2016	<0.001	<0.001		<0.001	<0.001				
11/17/2016			<0.001			<0.001	<0.001	<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.001								
1/31/2017		<0.001		<0.001	<0.001	<0.001			
2/1/2017			<0.001				<0.001	<0.001	<0.001
3/23/2017	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
3/24/2017			<0.001						<0.001
5/2/2017		<0.001		<0.001					
5/3/2017	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
8/4/2017						<0.001		<0.001	
8/7/2017	<0.001	<0.001		<0.001	<0.001		<0.001		<0.001
8/8/2017			<0.001						
1/24/2018	<0.001	<0.001		<0.001	<0.001				
1/25/2018			<0.001			<0.001	<0.001	<0.001	<0.001
6/20/2018				<0.001		<0.001	<0.001	<0.001	<0.001
6/21/2018	0.00036 (J)	<0.001	<0.001						
6/26/2018					<0.001				
1/22/2019	<0.001	<0.001				<0.001	<0.001	<0.001	
1/24/2019				<0.001					
1/25/2019					<0.001				<0.001
1/31/2019			0.00013 (J)						
6/25/2019	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001
6/26/2019			<0.001	<0.001	<0.001				
9/10/2019	<0.001								
9/11/2019					<0.001				<0.001
9/12/2019						<0.001	<0.001		
9/16/2019		<0.001		<0.001					
9/17/2019			0.00014 (J)					<0.001	
3/12/2020	0.00028 (J)					<0.001			
3/16/2020		0.00025 (J)		0.00037 (J)				0.00014 (J)	
3/17/2020			0.00015 (J)				<0.001		<0.001
3/18/2020					0.0002 (J)				
9/10/2020			0.0022	0.00023 (J)	<0.001	<0.001	<0.001	<0.001	
9/11/2020		<0.001							<0.001
9/14/2020	<0.001								
12/2/2020			<0.001						
3/16/2021	<0.001	<0.001			<0.001				
3/17/2021				<0.001		<0.001	<0.001		<0.001
3/18/2021			0.00013 (J)					<0.001	
8/19/2021					<0.001				
8/20/2021	0.00031 (J)		<0.001						<0.001
8/23/2021				<0.001		<0.001	<0.001		
8/24/2021								<0.001	
8/25/2021		<0.001							
3/2/2022	<0.001								
3/7/2022				<0.001	<0.001		<0.001	<0.001	
3/8/2022			<0.001			<0.001			<0.001
3/9/2022		<0.001							
8/11/2022	<0.001								
8/15/2022				<0.001		<0.001			
8/16/2022		<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/15/2023	<0.001	<0.001	<0.001		<0.001				
2/17/2023							<0.001		
2/20/2023									0.00025 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/21/2023				0.00039 (J)		0.00037 (J)		0.00025 (J)	
8/9/2023	<0.001	<0.001							
8/10/2023			<0.001						
8/14/2023				<0.001	<0.001		<0.001	<0.001	<0.001
8/16/2023						<0.001			
2/14/2024				<0.001					
2/19/2024		<0.001				<0.001	<0.001		
2/20/2024			<0.001		<0.001				
2/21/2024	<0.001							<0.001	<0.001
7/30/2024	<0.001								
7/31/2024		<0.001	<0.001						
8/5/2024						<0.001			<0.001
8/6/2024				<0.001	<0.001		<0.001	<0.001	
2/11/2025									<0.001
2/13/2025	<0.001								
2/17/2025					<0.001		<0.001		
2/18/2025		<0.001		0.0022		<0.001		<0.001	
2/19/2025			<0.001						
4/16/2025				<0.001 (R)					

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.001	<0.001	<0.001						
8/31/2011				<0.001	<0.001				
9/15/2011						<0.001			
9/16/2011							<0.001		
9/17/2011									<0.001
10/26/2011	<0.001	<0.001	<0.001						
10/27/2011				<0.001	<0.001				
10/29/2011						<0.001	<0.001		
10/31/2011									<0.001
12/3/2011	<0.001	<0.001	<0.001						
12/4/2011				<0.001	<0.001				
12/13/2011						<0.001	<0.001		
12/14/2011									<0.001
1/25/2012	<0.001					<0.001			
1/31/2012							<0.001		
2/7/2012									<0.001
2/8/2012			<0.001	<0.001	<0.001				
2/9/2012		<0.001							
7/11/2012	<0.001	<0.001	<0.001	<0.001					
7/17/2012					<0.001				<0.001
7/18/2012						<0.001	<0.001		
1/8/2013	<0.001	<0.001	<0.001	<0.001					
1/9/2013					<0.001				
1/22/2013						<0.001	<0.001		
7/16/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/23/2013							<0.001		
7/24/2013									<0.001
1/14/2014	<0.001	<0.001							
1/21/2014			<0.001	<0.001	<0.001	<0.001			
1/22/2014							<0.001		
1/23/2014									<0.001
6/24/2014		<0.001	<0.001	<0.001	<0.001				
6/25/2014	<0.001					<0.001			
7/1/2014							<0.001		
7/8/2014								<0.001	<0.001
1/13/2015		0.0026 (JO)	<0.001	<0.001	<0.001				
1/14/2015	<0.001					<0.001			
1/21/2015									<0.001
1/22/2015							<0.001		
7/23/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
7/28/2015	<0.001								
7/29/2015							<0.001		
7/30/2015									<0.001
7/31/2015								<0.001	
1/20/2016								<0.001	
1/21/2016							<0.001		<0.001
1/26/2016					<0.001	<0.001			
1/27/2016	<0.001	<0.001	<0.001	<0.001					
3/28/2016									<0.001
3/29/2016							<0.001		
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
3/31/2016						<0.001			

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.001						<0.001	<0.001	<0.001
5/26/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
7/25/2016		<0.001	<0.001	<0.001					
7/26/2016					<0.001	<0.001			
7/27/2016	<0.001						<0.001	<0.001	<0.001
9/16/2016								<0.001	
9/19/2016	<0.001	<0.001	<0.001						<0.001
9/20/2016				<0.001	<0.001	<0.001	<0.001		
11/15/2016									<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/18/2016							<0.001	<0.001	
1/24/2017									<0.001
2/1/2017	0.0009 (J)	<0.001							
2/2/2017			<0.001	<0.001	<0.001				
2/3/2017						<0.001	<0.001	<0.001	
3/23/2017									<0.001
3/24/2017	<0.001	<0.001	<0.001						
3/28/2017				<0.001	<0.001	<0.001	<0.001		
3/29/2017								<0.001	
5/2/2017									0.0021 (O)
5/3/2017	<0.001	<0.001	0.0013			<0.001			
5/4/2017				<0.001	<0.001		<0.001	<0.001	
8/3/2017									<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
8/8/2017						<0.001	<0.001	<0.001	
1/25/2018	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
1/26/2018				<0.001	<0.001				
6/20/2018					<0.001	<0.001	<0.001		
6/21/2018		<0.001	<0.001	<0.001					
6/26/2018	<0.001								
6/27/2018								<0.001	<0.001
1/24/2019	<0.001				<0.001	<0.001			0.00021 (J)
1/25/2019							<0.001		
1/28/2019		0.00016 (J)	0.00011 (J)	0.00014 (J)					
1/31/2019								0.00013 (J)	
6/25/2019	<0.001			<0.001	<0.001	<0.001			<0.001
6/26/2019			<0.001				<0.001	0.00016 (J)	
6/27/2019		<0.001							
9/10/2019						<0.001			
9/11/2019	<0.001	<0.001		<0.001	0.00017 (J)			0.00015 (J)	0.00024 (J)
9/12/2019			<0.001				<0.001		
3/12/2020								0.00013 (J)	0.00018 (J)
3/17/2020	<0.001	<0.001							
3/18/2020			<0.001	<0.001	<0.001	0.00067 (J)	0.00022 (J)		
9/10/2020						<0.001	<0.001		
9/14/2020	<0.001	<0.001							<0.001
9/15/2020			<0.001	<0.001	<0.001			<0.001	
3/15/2021						0.00025 (J)			
3/16/2021	<0.001	<0.001		0.00014 (J)	0.00019 (J)				
3/17/2021			0.00017 (J)						0.00013 (J)
3/18/2021							0.00029 (J)	0.00022 (J)	
8/19/2021					0.00018 (J)	<0.001		0.0015	0.00028 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.001								
8/23/2021							0.00033 (J)		
8/24/2021		<0.001	0.00019 (J)	<0.001					
3/7/2022				<0.001	<0.001				
3/8/2022	<0.001	<0.001	<0.001			<0.001			<0.001
3/9/2022							<0.001		
3/10/2022								<0.001	
8/10/2022									<0.001
8/11/2022	<0.001	<0.001	0.00019 (J)						
8/16/2022				<0.001	<0.001		<0.001		
8/17/2022						<0.001			
8/18/2022								<0.001	
2/14/2023						<0.001			
2/16/2023								<0.001	
2/20/2023	0.00027 (J)	0.00025 (J)							
2/21/2023			<0.001		<0.001		0.00022 (J)		0.00027 (J)
2/22/2023				<0.001					
8/9/2023		<0.001	<0.001	<0.001	<0.001				
8/10/2023	<0.001								
8/14/2023						<0.001			
8/15/2023							<0.001		<0.001
8/16/2023								<0.001	
2/14/2024						<0.001			
2/19/2024					<0.001		0.00034 (J)		
2/20/2024	<0.001			<0.001					
2/21/2024		<0.001	<0.001						<0.001
2/22/2024								0.00039 (J)	
7/30/2024					<0.001		<0.001		
8/1/2024									<0.001
8/2/2024				<0.001					
8/6/2024			<0.001			<0.001		<0.001	
8/7/2024	<0.001	<0.001							
2/11/2025					<0.001	<0.001	<0.001		
2/13/2025	<0.001	<0.001							
2/14/2025			0.0019	<0.001				0.00029 (J)	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.001		<0.001			
9/16/2011						<0.001	<0.001	<0.001
9/17/2011	<0.001	<0.001		<0.001				
10/28/2011			<0.001					
10/29/2011	<0.001	<0.001						
10/30/2011						<0.001		
10/31/2011				<0.001	<0.001		<0.001	<0.001
12/12/2011							<0.001	<0.001
12/13/2011			<0.001		<0.001	<0.001		
12/14/2011	<0.001	<0.001						
1/25/2012		<0.001						
2/1/2012					<0.001	<0.001	<0.001	<0.001
2/7/2012	<0.001			<0.001				
2/8/2012			<0.001					
7/16/2012							<0.001	<0.001
7/17/2012	<0.001	<0.001			<0.001	<0.001		
7/18/2012			<0.001					
1/22/2013							<0.001	<0.001
1/23/2013				<0.001	<0.001	<0.001		
1/24/2013	<0.001	<0.001	<0.001					
7/2/2013								<0.001
7/17/2013						<0.001	<0.001	
7/24/2013	<0.001	<0.001	<0.001		<0.001			
1/21/2014								<0.001
1/23/2014	<0.001	<0.001	<0.001	0.0012 (J)	<0.001	<0.001	<0.001	
6/25/2014							<0.001	<0.001
7/1/2014			<0.001	<0.001	<0.001			
7/8/2014	<0.001	<0.001						
1/14/2015							<0.001	<0.001
1/20/2015			<0.001		<0.001	<0.001		
1/21/2015	<0.001	<0.001		<0.001				
7/28/2015								<0.001
7/29/2015						<0.001	<0.001	
7/30/2015		<0.001	<0.001		<0.001			
7/31/2015	<0.001							
1/19/2016			<0.001					
1/21/2016							<0.001	<0.001
1/22/2016		<0.001						
1/25/2016	<0.001			<0.001	<0.001	<0.001		
3/23/2016		<0.001	<0.001		<0.001	<0.001		
3/24/2016	<0.001						<0.001	<0.001
3/30/2016				<0.001				
5/20/2016			<0.001					
5/23/2016							<0.001	<0.001
5/24/2016		<0.001			<0.001	<0.001		
5/25/2016	<0.001			<0.001				
7/21/2016			<0.001				<0.001	<0.001
7/22/2016					<0.001	<0.001		
7/26/2016	<0.001	<0.001						
7/27/2016				0.00078 (J)				
9/15/2016							<0.001	<0.001
9/16/2016					<0.001	<0.001		

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.001	<0.001						
9/20/2016			<0.001					
11/11/2016		<0.001						
11/14/2016	<0.001		<0.001					
11/15/2016					<0.001		<0.001	<0.001
11/17/2016						<0.001		
1/19/2017	<0.001							
1/20/2017		<0.001						
1/24/2017			<0.001					
1/25/2017				0.00042 (J)		<0.001	<0.001	
1/26/2017					<0.001			<0.001
3/16/2017	<0.001	<0.001						
3/17/2017			<0.001					
3/22/2017							<0.001	<0.001
3/23/2017				<0.001		<0.001		
3/24/2017					<0.001			
4/28/2017		<0.001						
5/1/2017	<0.001		<0.001			<0.001	<0.001	
5/2/2017				0.00039 (J)	<0.001			<0.001
7/19/2017				0.00051 (J)				
8/3/2017	<0.001	<0.001			<0.001		<0.001	<0.001
8/4/2017			<0.001	0.00037 (J)		<0.001		
1/19/2018		<0.001						
1/22/2018	<0.001							
1/23/2018				<0.001	<0.001	<0.001	<0.001	<0.001
1/24/2018			<0.001					
6/19/2018								<0.001
6/20/2018							<0.001	
6/21/2018			<0.001					
6/26/2018					<0.001	<0.001		
6/27/2018	<0.001	<0.001		<0.001				
1/21/2019								<0.001
1/24/2019	9.8E-05 (J)	9.8E-05 (J)						
1/28/2019							0.00022 (J)	
1/30/2019			<0.001		<0.001	<0.001		
1/31/2019				0.00015 (J)				
6/25/2019	<0.001							
6/26/2019		<0.001		0.00022 (J)		<0.001	<0.001	<0.001
6/27/2019			<0.001		<0.001			
9/10/2019			<0.001					
9/11/2019				0.0013			<0.001	
9/12/2019	<0.001	0.00016 (J)			<0.001	0.00031 (J)		<0.001
3/11/2020			<0.001				<0.001	<0.001
3/12/2020		<0.001				0.00015 (J)		
3/13/2020	0.00013 (J)							
3/17/2020				0.00051 (J)				
3/18/2020					<0.001			
9/9/2020		0.00023 (J)						
9/10/2020			0.00016 (J)					
9/11/2020				0.00026 (J)			<0.001	<0.001
9/15/2020	<0.001				<0.001			
9/16/2020						<0.001		

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

Time Series

Constituent: Lead (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				0.00046 (J)			<0.001	<0.001
3/17/2021	<0.001				<0.001			
3/18/2021		<0.001	<0.001			<0.001		
8/18/2021								<0.001
8/19/2021	0.0015							
8/23/2021		0.00027 (J)	<0.001					
8/24/2021					<0.001	0.00027 (J)	<0.001	
8/25/2021				0.00031 (J)				
3/2/2022			<0.001				<0.001	<0.001
3/8/2022		<0.001						
3/9/2022	<0.001				<0.001	<0.001		
3/10/2022				<0.001				
8/10/2022	<0.001	<0.001	<0.001		<0.001		<0.001	
8/15/2022						<0.001		<0.001
8/16/2022				<0.001				
2/14/2023			<0.001					
2/15/2023					<0.001			
2/20/2023		0.00029 (J)				0.00027 (J)	0.00026 (J)	<0.001
2/21/2023	<0.001							
2/22/2023				0.00025 (J)				
8/15/2023		<0.001			<0.001	<0.001		
8/16/2023	<0.001		<0.001	0.0013			<0.001	<0.001
2/20/2024	<0.001	<0.001			<0.001	<0.001		
2/21/2024			<0.001	0.00071 (J)				
2/22/2024							<0.001	<0.001
7/30/2024		<0.001						
7/31/2024						<0.001		
8/2/2024	<0.001			0.00064 (J)				
8/5/2024			<0.001				<0.001	<0.001
8/6/2024					<0.001			
2/11/2025		<0.001						
2/13/2025	<0.001		<0.001				<0.001	
2/18/2025				<0.001				<0.001
2/19/2025					<0.001	<0.001		

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.0002	<0.0002			<0.0002	<0.0002	
9/7/2011									<0.0002
9/16/2011	<0.0002				<0.0002				
9/17/2011		<0.0002				<0.0002			
10/27/2011	<0.0002	<0.0002		<0.0002			<0.0002		
10/28/2011					<0.0002	<0.0002			
10/30/2011								<0.0002	<0.0002
12/5/2011							<0.0002	<0.0002	<0.0002
12/12/2011					<0.0002	<0.0002			
12/13/2011	<0.0002								
12/14/2011		<0.0002		<0.0002					
1/25/2012					<0.0002		<0.0002	<0.0002	<0.0002
1/31/2012	<0.0002					<0.0002			
2/1/2012				<0.0002					
2/7/2012		<0.0002							
7/16/2012					<0.0002				
7/17/2012						<0.0002			
7/18/2012	<0.0002						<0.0002		<0.0002
7/23/2012		<0.0002		<0.0002					
7/24/2012								<0.0002	
1/7/2013									<0.0002
1/8/2013								<0.0002	
1/9/2013							<0.0002		
1/23/2013		<0.0002		<0.0002					
1/24/2013	<0.0002				<0.0002	<0.0002			
7/9/2013								<0.0002	<0.0002
7/17/2013	<0.0002			<0.0002			<0.0002		
7/23/2013					<0.0002				
7/24/2013		<0.0002				<0.0002			
1/14/2014									<0.0002
1/15/2014				<0.0002			<0.0002	<0.0002	
1/21/2014	<0.0002								
1/22/2014		<0.0002			<0.0002	<0.0002			
6/24/2014									<0.0002
6/25/2014	<0.0002		<0.0002	<0.0002			<0.0002	<0.0002	
7/1/2014		<0.0002			<0.0002				
7/8/2014						<0.0002			
1/13/2015							<0.0002		
1/14/2015	<0.0002			<0.0002					
1/20/2015								<0.0002	<0.0002
1/21/2015					<0.0002	<0.0002			
1/22/2015		<0.0002							
7/21/2015	<0.0002		<0.0002	<0.0002	<0.0002				
7/22/2015		<0.0002				<0.0002			
7/24/2015							<0.0002	<0.0002	
7/27/2015									<0.0002
1/19/2016						<0.0002			
1/20/2016		<0.0002		<0.0002			<0.0002	<0.0002	
1/21/2016	<0.0002								
1/22/2016					<0.0002				
1/26/2016									<0.0002
3/22/2016					<0.0002	<0.0002			

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.0002	<0.0002		<0.0002					
3/28/2016							<0.0002	<0.0002	
3/29/2016									<0.0002
3/31/2016			<0.0002						
5/19/2016				<0.0002		<0.0002			
5/20/2016	<0.0002								
5/23/2016					<0.0002		<0.0002		
5/24/2016		<0.0002						<0.0002	<0.0002
5/25/2016			<0.0002						
7/21/2016	9.7E-05 (J)			8.7E-05 (J)		<0.0002	7.6E-05 (J)	9.1E-05 (J)	
7/22/2016									<0.0002
7/25/2016					8.9E-05 (J)				
7/26/2016		0.00012 (J)							
7/27/2016			0.00011 (J)						
9/14/2016				<0.0002					
9/15/2016	<0.0002				<0.0002		<0.0002	<0.0002	<0.0002
9/16/2016		<0.0002							
11/9/2016					<0.0002				
11/10/2016		<0.0002		<0.0002					
11/11/2016	<0.0002								
11/15/2016							<0.0002		
11/16/2016								<0.0002	<0.0002
1/17/2017				<0.0002	<0.0002	<0.0002			
1/19/2017	<0.0002	<0.0002							
1/26/2017							<0.0002	<0.0002	8.8E-05 (J)
3/15/2017						0.00014 (J)			
3/16/2017	0.00015 (J)			0.00016 (J)	0.00016 (J)				
3/17/2017		0.00015 (J)							
3/22/2017							<0.0002	7.3E-05 (J)	<0.0002
4/27/2017				<0.0002	<0.0002	<0.0002			
4/28/2017	<0.0002	<0.0002							
5/2/2017							<0.0002	<0.0002	<0.0002
7/18/2017						<0.0002			
8/1/2017			<0.0002		<0.0002	<0.0002			
8/2/2017		<0.0002		<0.0002					
8/3/2017	<0.0002						<0.0002	<0.0002	
8/4/2017									<0.0002
10/3/2017			<0.0002						
1/19/2018	<0.0002	<0.0002			<0.0002	<0.0002			
1/22/2018				<0.0002					
1/23/2018							<0.0002	<0.0002	<0.0002
6/19/2018	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002			
6/20/2018			<0.0002						
6/25/2018							<0.0002	<0.0002	<0.0002
1/17/2019	<0.0002	<0.0002		<0.0002					
1/18/2019			<0.0002			<0.0002			
1/21/2019					<0.0002				<0.0002
1/30/2019							<0.0002	<0.0002	
6/24/2019	<0.0002	<0.0002		<0.0002					
6/25/2019			<0.0002		<0.0002	<0.0002			<0.0002
6/26/2019							<0.0002	<0.0002	
9/9/2019	<0.0002								

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.0002		<0.0002	<0.0002	0.00021			<0.0002
9/11/2019			<0.0002						
9/12/2019							<0.0002	<0.0002	
3/10/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
3/12/2020									<0.0002
3/16/2020							<0.0002	<0.0002	
9/9/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
9/10/2020		<0.0002							
9/11/2020								<0.0002	
9/14/2020									<0.0002
3/15/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
3/16/2021									<0.0002
3/17/2021							<0.0002	<0.0002	
8/16/2021	<0.0002				<0.0002				
8/18/2021		<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	
8/19/2021							<0.0002		<0.0002
2/28/2022	<0.0002								
3/1/2022		<0.0002	<0.0002	<0.0002	<0.0002				
3/2/2022						<0.0002	<0.0002	<0.0002	<0.0002
8/9/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/11/2022							<0.0002	<0.0002	<0.0002
2/13/2023						<0.0002			
2/14/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
2/20/2023							<0.0002	<0.0002	
2/21/2023									<0.0002
8/8/2023			<0.0002			<0.0002			
8/9/2023	<0.0002	<0.0002		<0.0002	<0.0002				<0.0002
8/14/2023							<0.0002	<0.0002	
2/13/2024	<0.0002								
2/14/2024		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/21/2024									<0.0002
7/29/2024				<0.0002	<0.0002				
7/30/2024	<0.0002	<0.0002				<0.0002			
7/31/2024			<0.0002				<0.0002		
8/1/2024								<0.0002	<0.0002
2/10/2025				<0.0002	<0.0002				
2/11/2025	<0.0002	<0.0002				<0.0002			
2/13/2025									<0.0002
2/14/2025							<0.0002		
2/18/2025								<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.0002
9/7/2011	<0.0002	<0.0002							
9/13/2011				<0.0002	<0.0002	<0.0002	<0.0002		
9/16/2011								<0.0002	
10/26/2011									<0.0002
10/27/2011							<0.0002	<0.0002	
10/28/2011				<0.0002	<0.0002	<0.0002			
10/30/2011	<0.0002	<0.0002							
12/3/2011							<0.0002	<0.0002	<0.0002
12/4/2011		<0.0002		<0.0002	<0.0002	<0.0002			
12/5/2011	<0.0002								
1/19/2012	<0.0002	<0.0002							
1/24/2012					<0.0002	<0.0002	<0.0002		
1/25/2012									<0.0002
2/9/2012				<0.0002				<0.0002	
7/11/2012					<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/18/2012	<0.0002	<0.0002		<0.0002					
1/7/2013	<0.0002								
1/8/2013		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/2/2013								<0.0002	<0.0002
7/9/2013	<0.0002	<0.0002		<0.0002					
7/10/2013					<0.0002	<0.0002	<0.0002		
1/14/2014	0.000153 (J)	<0.0002							<0.0002
1/15/2014				<0.0002					
1/21/2014					<0.0002	<0.0002	<0.0002	<0.0002	
6/24/2014	<0.0002	<0.0002						<0.0002	
6/25/2014				<0.0002					<0.0002
7/1/2014					<0.0002	<0.0002	<0.0002		
1/13/2015									<0.0002
1/14/2015							<0.0002	<0.0002	
1/20/2015	<0.0002	<0.0002							
1/21/2015				<0.0002	<0.0002	<0.0002			
7/22/2015							3.99E-05 (J)	<0.0002	<0.0002
7/27/2015	<0.0002	<0.0002							
7/28/2015				<0.0002	<0.0002	<0.0002			
1/25/2016			<0.0002						
1/26/2016	<0.0002	<0.0002		<0.0002	<0.0002				
1/27/2016						<0.0002	<0.0002	<0.0002	<0.0002
3/29/2016	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002			
3/30/2016			<0.0002				<0.0002	<0.0002	<0.0002
5/24/2016	<0.0002	<0.0002							
5/25/2016			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/22/2016					<0.0002				
7/25/2016		0.00012 (J)		9.6E-05 (J)					
7/26/2016	0.00012 (J)					0.00012 (J)	0.00012 (J)	0.00012 (J)	
7/27/2016			9.4E-05 (J)						8.9E-05 (J)
9/15/2016					<0.0002	<0.0002	<0.0002		
9/16/2016			<0.0002						<0.0002
9/19/2016	<0.0002	<0.0002		<0.0002					
9/20/2016								<0.0002	
11/16/2016	<0.0002	<0.0002		<0.0002	<0.0002				
11/17/2016			<0.0002			<0.0002	8.7E-05 (J)	<0.0002	<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/26/2017	<0.0002								
1/31/2017		8.6E-05 (J)		7.1E-05 (J)	0.00013 (J)	9.6E-05 (J)			
2/1/2017			0.00011 (J)				9.2E-05 (J)	0.00013 (J)	0.00015 (J)
3/23/2017	7.2E-05 (J)	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/24/2017			<0.0002						<0.0002
5/2/2017		<0.0002		<0.0002					
5/3/2017	<0.0002		<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/4/2017						<0.0002		<0.0002	
8/7/2017	<0.0002	<0.0002		<0.0002	<0.0002		<0.0002		<0.0002
8/8/2017			<0.0002						
1/24/2018	<0.0002	<0.0002		<0.0002	<0.0002				
1/25/2018			<0.0002			<0.0002	<0.0002	<0.0002	<0.0002
6/20/2018				<0.0002		<0.0002	8.5E-05 (J)	<0.0002	<0.0002
6/21/2018	<0.0002	<0.0002	<0.0002						
6/26/2018					<0.0002				
1/22/2019	<0.0002	<0.0002				<0.0002	<0.0002	<0.0002	
1/24/2019				<0.0002					
1/25/2019					<0.0002				<0.0002
1/31/2019			<0.0002						
6/25/2019	<0.0002	<0.0002				<0.0002	<0.0002	<0.0002	<0.0002
6/26/2019			<0.0002	<0.0002	<0.0002				
9/10/2019	0.0004								
9/11/2019					<0.0002				<0.0002
9/12/2019						<0.0002	<0.0002		
9/16/2019		<0.0002		<0.0002					
9/17/2019			<0.0002					<0.0002	
1/13/2020	<0.0002								
3/12/2020	<0.0002					<0.0002			
3/16/2020		<0.0002		<0.0002				<0.0002	
3/17/2020			<0.0002				<0.0002		<0.0002
3/18/2020					<0.0002				
9/10/2020			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2020		<0.0002							<0.0002
9/14/2020	<0.0002								
3/16/2021	<0.0002	<0.0002			<0.0002				
3/17/2021				<0.0002		<0.0002	<0.0002		<0.0002
3/18/2021			<0.0002					<0.0002	
8/19/2021					<0.0002				
8/20/2021	<0.0002		<0.0002						<0.0002
8/23/2021				<0.0002		<0.0002	<0.0002		
8/24/2021								<0.0002	
8/25/2021		0.00014 (J)							
3/2/2022	<0.0002								
3/7/2022				<0.0002	<0.0002		0.00023	<0.0002	
3/8/2022			<0.0002			<0.0002			<0.0002
3/9/2022		<0.0002							
5/3/2022							<0.0002		
8/11/2022	<0.0002								
8/15/2022				<0.0002		<0.0002			
8/16/2022		<0.0002	<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
2/15/2023	<0.0002	<0.0002	<0.0002		<0.0002				
2/17/2023							<0.0002		

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/20/2023									<0.0002
2/21/2023				<0.0002		<0.0002		<0.0002	
8/9/2023	<0.0002	<0.0002							
8/10/2023			<0.0002						
8/14/2023				<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
8/16/2023						<0.0002			
2/14/2024				<0.0002					
2/19/2024		<0.0002				<0.0002	<0.0002		
2/20/2024			<0.0002		<0.0002				
2/21/2024	<0.0002							<0.0002	<0.0002
7/30/2024	<0.0002								
7/31/2024		<0.0002	<0.0002						
8/5/2024						<0.0002			<0.0002
8/6/2024				<0.0002	<0.0002		<0.0002	<0.0002	
2/11/2025									<0.0002
2/13/2025	<0.0002								
2/17/2025					<0.0002		<0.0002		
2/18/2025		<0.0002		<0.0002		<0.0002		<0.0002	
2/19/2025			<0.0002						

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.0002	<0.0002	<0.0002						
8/31/2011				<0.0002	<0.0002				
9/15/2011						<0.0002			
9/16/2011							<0.0002		
9/17/2011									<0.0002
10/26/2011	<0.0002	<0.0002	<0.0002						
10/27/2011				<0.0002	<0.0002				
10/29/2011						<0.0002	<0.0002		
10/31/2011									<0.0002
12/3/2011	<0.0002	<0.0002	<0.0002						
12/4/2011				<0.0002	<0.0002				
12/13/2011						<0.0002	<0.0002		
12/14/2011									<0.0002
1/25/2012	<0.0002					<0.0002			
1/31/2012							<0.0002		
2/7/2012									<0.0002
2/8/2012			<0.0002	<0.0002	<0.0002				
2/9/2012		<0.0002							
7/11/2012	<0.0002	<0.0002	<0.0002	<0.0002					
7/17/2012					<0.0002				<0.0002
7/18/2012						<0.0002	<0.0002		
1/8/2013	<0.0002	<0.0002	<0.0002	<0.0002					
1/9/2013					<0.0002				
1/22/2013						<0.0002	<0.0002		
7/16/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
7/23/2013							<0.0002		
7/24/2013									<0.0002
1/14/2014	<0.0002	<0.0002							
1/21/2014			<0.0002	<0.0002	<0.0002	<0.0002			
1/22/2014							<0.0002		
1/23/2014									<0.0002
6/24/2014		<0.0002	<0.0002	<0.0002	<0.0002				
6/25/2014	<0.0002					<0.0002			
7/1/2014							<0.0002		
7/8/2014								<0.0002	<0.0002
1/13/2015		<0.0002	<0.0002	<0.0002	<0.0002				
1/14/2015	<0.0002					<0.0002			
1/21/2015									<0.0002
1/22/2015							<0.0002		
7/23/2015		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
7/28/2015	<0.0002								
7/29/2015							<0.0002		
7/30/2015									<0.0002
7/31/2015								<0.0002	
1/20/2016								<0.0002	
1/21/2016							<0.0002		<0.0002
1/26/2016					<0.0002	<0.0002			
1/27/2016	<0.0002	<0.0002	<0.0002	<0.0002					
3/28/2016									<0.0002
3/29/2016							<0.0002		
3/30/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	
3/31/2016						<0.0002			

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.0002						<0.0002	<0.0002	<0.0002
5/26/2016		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
7/25/2016		0.00012 (J)	0.00013 (J)	0.00011 (J)					
7/26/2016					0.00013 (J)	0.00012 (J)			
7/27/2016	9.7E-05 (J)						8.6E-05 (J)	9E-05 (J)	9.8E-05 (J)
9/16/2016								<0.0002	
9/19/2016	<0.0002	<0.0002	<0.0002						<0.0002
9/20/2016				<0.0002	7.2E-05 (J)	0.00013 (J)	<0.0002		
11/15/2016									<0.0002
11/17/2016	<0.0002	<0.0002	<0.0002	<0.0002	8.4E-05 (J)	<0.0002			
11/18/2016							<0.0002	<0.0002	
1/24/2017									<0.0002
2/1/2017	0.0002	9.8E-05 (J)							
2/2/2017			0.00011 (J)	8.6E-05 (J)	0.00011 (J)				
2/3/2017						<0.0002	<0.0002	<0.0002	
3/23/2017									<0.0002
3/24/2017	<0.0002	<0.0002	<0.0002						
3/28/2017				<0.0002	<0.0002	<0.0002	<0.0002		
3/29/2017								<0.0002	
5/2/2017									<0.0002
5/3/2017	<0.0002	<0.0002	<0.0002			<0.0002			
5/4/2017				<0.0002	<0.0002		<0.0002	<0.0002	
8/3/2017									<0.0002
8/7/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
8/8/2017						<0.0002	<0.0002	<0.0002	
1/25/2018	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002	<0.0002
1/26/2018				<0.0002	<0.0002				
6/20/2018					<0.0002	<0.0002	<0.0002		
6/21/2018		<0.0002	<0.0002	<0.0002					
6/26/2018	<0.0002								
6/27/2018								<0.0002	<0.0002
1/24/2019	<0.0002				<0.0002	<0.0002			<0.0002
1/25/2019							<0.0002		
1/28/2019		<0.0002	<0.0002	<0.0002					
1/31/2019								<0.0002	
6/25/2019	<0.0002			<0.0002	<0.0002	<0.0002			<0.0002
6/26/2019			<0.0002				<0.0002	<0.0002	
6/27/2019		<0.0002							
9/10/2019						<0.0002			
9/11/2019	<0.0002	<0.0002		<0.0002	<0.0002			<0.0002	<0.0002
9/12/2019			<0.0002				<0.0002		
3/12/2020								<0.0002	<0.0002
3/17/2020	<0.0002	<0.0002							
3/18/2020			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
9/10/2020						<0.0002	<0.0002		
9/14/2020	<0.0002	<0.0002							<0.0002
9/15/2020			<0.0002	<0.0002	<0.0002			<0.0002	
3/15/2021						<0.0002			
3/16/2021	<0.0002	<0.0002		<0.0002	<0.0002				
3/17/2021			<0.0002						<0.0002
3/18/2021							<0.0002	<0.0002	
8/19/2021					<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.0002								
8/23/2021							<0.0002		
8/24/2021		<0.0002	<0.0002	<0.0002					
3/7/2022				<0.0002	<0.0002				
3/8/2022	<0.0002	<0.0002	<0.0002			<0.0002			<0.0002
3/9/2022							<0.0002		
3/10/2022								<0.0002	
8/10/2022									<0.0002
8/11/2022	<0.0002	<0.0002	<0.0002						
8/16/2022				<0.0002	<0.0002		<0.0002		
8/17/2022						<0.0002			
8/18/2022								<0.0002	
2/14/2023						<0.0002			
2/16/2023								<0.0002	
2/20/2023	<0.0002	<0.0002							
2/21/2023			<0.0002		<0.0002		<0.0002		<0.0002
2/22/2023				<0.0002					
8/9/2023		<0.0002	<0.0002	<0.0002	<0.0002				
8/10/2023	<0.0002								
8/14/2023						<0.0002			
8/15/2023							<0.0002		<0.0002
8/16/2023								<0.0002	
2/14/2024						<0.0002			
2/19/2024					<0.0002		<0.0002		
2/20/2024	<0.0002			<0.0002					
2/21/2024		<0.0002	<0.0002						<0.0002
2/22/2024								<0.0002	
7/30/2024					<0.0002		<0.0002		
8/1/2024									<0.0002
8/2/2024				<0.0002					
8/6/2024			<0.0002			<0.0002		<0.0002	
8/7/2024	<0.0002	<0.0002							
2/11/2025					<0.0002	<0.0002	<0.0002		
2/13/2025	<0.0002	<0.0002							
2/14/2025			<0.0002	<0.0002				<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.0002		<0.0002			
9/16/2011						<0.0002	<0.0002	<0.0002
9/17/2011	<0.0002	<0.0002		<0.0002				
10/28/2011			<0.0002					
10/29/2011	<0.0002	<0.0002						
10/30/2011						<0.0002		
10/31/2011				<0.0002	<0.0002		<0.0002	<0.0002
12/12/2011							<0.0002	<0.0002
12/13/2011			<0.0002		<0.0002	<0.0002		
12/14/2011	<0.0002	<0.0002						
1/25/2012		<0.0002						
2/1/2012					<0.0002	<0.0002	<0.0002	<0.0002
2/7/2012	<0.0002			<0.0002				
2/8/2012			<0.0002					
7/16/2012							<0.0002	<0.0002
7/17/2012	<0.0002	<0.0002			<0.0002	<0.0002		
7/18/2012			<0.0002					
1/22/2013							<0.0002	<0.0002
1/23/2013				<0.0002	<0.0002	<0.0002		
1/24/2013	<0.0002	<0.0002	<0.0002					
7/2/2013								<0.0002
7/17/2013						<0.0002	<0.0002	
7/24/2013	<0.0002	<0.0002	<0.0002		<0.0002			
1/21/2014								<0.0002
1/23/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
6/25/2014							<0.0002	<0.0002
7/1/2014			<0.0002	<0.0002	<0.0002			
7/8/2014	<0.0002	<0.0002						
1/14/2015							<0.0002	<0.0002
1/20/2015			<0.0002		<0.0002	<0.0002		
1/21/2015	<0.0002	<0.0002		<0.0002				
7/28/2015								<0.0002
7/29/2015						<0.0002	<0.0002	
7/30/2015		<0.0002	<0.0002		<0.0002			
7/31/2015	<0.0002							
1/19/2016			<0.0002					
1/21/2016							<0.0002	<0.0002
1/22/2016		<0.0002						
1/25/2016	<0.0002			<0.0002	<0.0002	<0.0002		
3/23/2016		<0.0002	<0.0002		<0.0002	<0.0002		
3/24/2016	<0.0002						<0.0002	<0.0002
3/30/2016				<0.0002				
5/20/2016			<0.0002					
5/23/2016							<0.0002	<0.0002
5/24/2016		<0.0002			<0.0002	<0.0002		
5/25/2016	<0.0002			<0.0002				
7/21/2016			8.6E-05 (J)				8.4E-05 (J)	<0.0002
7/22/2016					<0.0002	<0.0002		
7/26/2016	0.00012 (J)	0.00012 (J)						
7/27/2016				0.0001 (J)				
9/15/2016							<0.0002	<0.0002
9/16/2016					<0.0002	<0.0002		

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.0002	<0.0002						
9/20/2016			<0.0002					
11/11/2016		<0.0002						
11/14/2016	<0.0002		<0.0002					
11/15/2016					<0.0002		<0.0002	9.6E-05 (J)
11/17/2016						<0.0002		
1/19/2017	<0.0002							
1/20/2017		<0.0002						
1/24/2017			<0.0002					
1/25/2017				<0.0002		0.00012 (J)	0.00012 (J)	
1/26/2017					7.3E-05 (J)			<0.0002
3/16/2017	0.00014 (J)	0.00015 (J)						
3/17/2017			0.00017 (J)					
3/22/2017							7.9E-05 (J)	<0.0002
3/23/2017				<0.0002		<0.0002		
3/24/2017					<0.0002			
4/28/2017		<0.0002						
5/1/2017	<0.0002		<0.0002			<0.0002	<0.0002	
5/2/2017				<0.0002	<0.0002			<0.0002
7/19/2017				<0.0002				
8/3/2017	<0.0002	<0.0002			<0.0002		<0.0002	<0.0002
8/4/2017			<0.0002	<0.0002		<0.0002		
1/19/2018		<0.0002						
1/22/2018	<0.0002							
1/23/2018				<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
1/24/2018			<0.0002					
6/19/2018								<0.0002
6/20/2018							<0.0002	
6/21/2018			<0.0002					
6/26/2018					<0.0002	<0.0002		
6/27/2018	<0.0002	<0.0002		<0.0002				
1/21/2019								<0.0002
1/24/2019	<0.0002	<0.0002						
1/28/2019							<0.0002	
1/30/2019			<0.0002		<0.0002	<0.0002		
1/31/2019				<0.0002				
6/25/2019	<0.0002							
6/26/2019		<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
6/27/2019			<0.0002		<0.0002			
9/10/2019			0.00014 (J)					
9/11/2019				<0.0002			<0.0002	
9/12/2019	<0.0002	<0.0002			<0.0002	<0.0002		<0.0002
3/11/2020			<0.0002				<0.0002	<0.0002
3/12/2020		<0.0002				<0.0002		
3/13/2020	<0.0002							
3/17/2020				<0.0002				
3/18/2020					<0.0002			
9/9/2020		<0.0002						
9/10/2020			<0.0002					
9/11/2020				<0.0002			<0.0002	<0.0002
9/15/2020	<0.0002				<0.0002			
9/16/2020						<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				<0.0002			<0.0002	<0.0002
3/17/2021	<0.0002				<0.0002			
3/18/2021		<0.0002	<0.0002			<0.0002		
8/18/2021								<0.0002
8/19/2021	<0.0002							
8/23/2021		<0.0002	<0.0002					
8/24/2021					<0.0002	<0.0002	<0.0002	
8/25/2021				0.00016 (J)				
3/2/2022			<0.0002				<0.0002	<0.0002
3/8/2022		<0.0002						
3/9/2022	<0.0002				<0.0002	<0.0002		
3/10/2022				<0.0002				
8/10/2022	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	
8/15/2022						<0.0002		<0.0002
8/16/2022				<0.0002				
2/14/2023			<0.0002					
2/15/2023					<0.0002			
2/20/2023		<0.0002				<0.0002	<0.0002	<0.0002
2/21/2023	<0.0002							
2/22/2023				<0.0002				
8/15/2023		<0.0002			<0.0002	<0.0002		
8/16/2023	<0.0002		<0.0002	<0.0002			<0.0002	<0.0002
2/20/2024	<0.0002	<0.0002			<0.0002	<0.0002		
2/21/2024			<0.0002	<0.0002				
2/22/2024							<0.0002	<0.0002
7/30/2024		<0.0002						
7/31/2024						<0.0002		
8/2/2024	<0.0002			<0.0002				
8/5/2024			<0.0002				<0.0002	<0.0002
8/6/2024					<0.0002			
2/11/2025		<0.0002						
2/13/2025	<0.0002		<0.0002				<0.0002	
2/18/2025				<0.0002				<0.0002
2/19/2025					<0.0002	<0.0002		

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.0025	<0.0025			<0.0025	0.0072	
9/7/2011									<0.0025
9/16/2011	<0.0025				<0.001				
9/17/2011		<0.0025				0.0053			
10/27/2011	<0.0025	<0.0025		<0.0025			<0.0025		
10/28/2011					<0.001	0.0042			
10/30/2011								0.0055	<0.0025
12/5/2011							<0.0025	0.0026	<0.0025
12/12/2011					<0.001	<0.0025			
12/13/2011	<0.0025								
12/14/2011		<0.0025		<0.0025					
1/25/2012					<0.001		<0.0025	<0.0025	<0.0025
1/31/2012	<0.0025					0.0043			
2/1/2012				<0.0025					
2/7/2012		0.0028							
7/16/2012					<0.001				
7/17/2012						<0.0025			
7/18/2012	<0.0025						0.0043		0.013
7/23/2012		<0.0025		<0.0025					
7/24/2012								0.003	
1/7/2013									0.019
1/8/2013								0.0036	
1/9/2013							0.0082		
1/23/2013		<0.0025		<0.0025					
1/24/2013	<0.0025				<0.001	0.0052			
7/9/2013								0.0038	0.018
7/17/2013	<0.0025			<0.0025			0.0076		
7/23/2013					<0.001				
7/24/2013		<0.0025				0.0052			
1/14/2014									0.017
1/15/2014				<0.0025			0.0083	0.0049	
1/21/2014	<0.0025								
1/22/2014		0.0013 (J)			0.00092 (J)	0.0031			
6/24/2014									0.016
6/25/2014	<0.0025		0.0044	<0.0025			0.0079	0.0037	
7/1/2014		0.0014 (J)			<0.001				
7/8/2014						0.0036			
1/13/2015							0.0072		
1/14/2015	<0.0025			0.0073 (O)					
1/20/2015								0.0035	0.015
1/21/2015					<0.001	0.0026			
1/22/2015		0.0017 (J)							
7/21/2015	<0.0025		0.0056	<0.0025	<0.001				
7/22/2015		0.0013 (J)				0.0028			
7/24/2015							0.0083	0.0048	
7/27/2015									0.013
1/19/2016						0.0021 (J)			
1/20/2016		<0.0025		0.002 (J)			0.007	0.0044	
1/21/2016	<0.0025								
1/22/2016					<0.001				
1/26/2016									0.012
7/21/2016	<0.0025			<0.0025		0.0035	0.0085	0.0042	

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
7/22/2016									0.011
7/25/2016					<0.001				
7/26/2016		<0.0025							
7/27/2016			<0.0025						
1/17/2017				0.007 (O)	<0.001	0.0022 (J)			
1/19/2017	<0.0025	<0.0025							
1/26/2017							0.0066	0.005	0.011
8/1/2017			<0.0025		<0.001	0.0018 (J)			
8/2/2017		<0.0025		<0.0025					
8/3/2017	<0.0025						0.0088	0.0051	
8/4/2017									0.011
1/19/2018	<0.0025	<0.0025			<0.001	<0.0025			
1/22/2018				<0.0025					
1/23/2018							0.0074	0.0054	0.0071
6/19/2018	<0.0025	<0.0025		0.0022 (J)	<0.001	0.0024 (J)			
6/20/2018			<0.0025						
6/25/2018							0.0053	0.0056	0.011
1/17/2019	0.00094 (J)	0.0011		0.0017					
1/18/2019			0.00087 (J)			0.0022			
1/21/2019					0.0004 (J)				0.0077
1/30/2019							0.0032	0.0057	
6/24/2019	0.00095 (J)	0.0013		0.0022					
6/25/2019			0.0021		0.00088 (J)	0.0028			0.01
6/26/2019							0.0051	0.0052	
9/9/2019	0.00099 (J)								
9/10/2019		0.0014		0.0017	0.00047 (J)	0.0024			0.0089
9/11/2019			0.0022						
9/12/2019							0.0085	0.0099	
3/10/2020	0.00067 (J)	0.0012	0.0019	0.0019	0.00069 (J)	0.0012			
3/12/2020									0.0074
3/16/2020							0.0049	0.0043	
9/9/2020	0.00071 (J)		0.0015	0.0012	0.0004 (J)	0.0016	0.0051		
9/10/2020		0.0011							
9/11/2020								0.0063	
9/14/2020									0.0094
3/15/2021	0.00059 (J)	0.00076 (J)	0.0022	0.0027	<0.001	0.0019			
3/16/2021									0.0067
3/17/2021							0.0035	0.006	
8/16/2021	0.00076 (J)				<0.001				
8/18/2021		0.001	0.0039	0.0032		0.0014		0.0058	
8/19/2021							0.0037		0.0093
2/28/2022	0.00089 (J)								
3/1/2022		0.00062 (J)	0.0027	0.0021	<0.001				
3/2/2022						0.0012	0.0038	0.0053	0.0076
8/9/2022	0.0011	0.00072 (J)	0.004	0.00087 (J)	<0.001	0.0014			
8/11/2022							0.0046	0.0075	0.0084
2/13/2023						0.00079 (J)			
2/14/2023	0.00071 (J)	0.00046 (J)	0.00099 (J)	0.00071 (J)	<0.001				
2/20/2023							0.0038	0.0057	
2/21/2023									0.0079
8/8/2023			0.0024			0.0014			
8/9/2023	0.00084 (J)	0.00061 (J)		0.00063 (J)	<0.001				0.008

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/14/2023							0.0053	0.0064	
2/13/2024	0.00087 (J)								
2/14/2024		0.00078 (J)		0.0013	<0.001	0.00074 (J)	0.0069	0.0052	
2/21/2024									0.0082
7/29/2024				0.0015	<0.001				
7/30/2024	0.00074 (J)	0.00056 (J)				0.00059 (J)			
7/31/2024			0.0018				0.0052		
8/1/2024								0.0083	0.0083
2/10/2025				0.0027	<0.001				
2/11/2025	0.00096 (J)	0.00077 (J)				0.00074 (J)			
2/13/2025									0.0073
2/14/2025							0.0054		
2/18/2025								0.005	

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.001
9/7/2011	<0.0025	0.029							
9/13/2011				<0.001	<0.001	<0.001	<0.0025		
9/16/2011								<0.001	
10/26/2011									<0.001
10/27/2011							<0.0025	<0.001	
10/28/2011				<0.001	<0.001	<0.001			
10/30/2011	<0.0025	<0.0025							
12/3/2011							<0.0025	<0.001	<0.001
12/4/2011		0.0072		<0.001	<0.001	<0.001			
12/5/2011	<0.0025								
1/19/2012	<0.0025	0.0053							
1/24/2012					<0.001	<0.001	<0.0025		
1/25/2012									<0.001
2/9/2012				<0.001				<0.001	
7/11/2012					<0.001	<0.001	<0.0025	<0.001	<0.001
7/18/2012	<0.0025	0.012		<0.001					
1/7/2013	0.0025								
1/8/2013		0.014		<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
7/2/2013								<0.001	<0.001
7/9/2013	0.0027	0.015		<0.001					
7/10/2013					<0.001	<0.001	<0.0025		
1/14/2014	0.0039	0.015							<0.001
1/15/2014				<0.001					
1/21/2014					<0.001	<0.001	0.0041	<0.001	
6/24/2014	0.0014 (J)	0.0091						<0.001	
6/25/2014				<0.001					<0.001
7/1/2014					<0.001	<0.001	0.0017 (J)		
1/13/2015									<0.001
1/14/2015							0.0064	<0.001	
1/20/2015	0.0026	0.014							
1/21/2015				<0.001	<0.001	<0.001			
7/22/2015							0.0089	<0.001	<0.001
7/27/2015	<0.0025	0.011							
7/28/2015				<0.001	<0.001	<0.001			
1/25/2016			0.0017 (J)						
1/26/2016	0.002 (J)	0.0096		<0.001	<0.001				
1/27/2016						<0.001	0.014	<0.001	<0.001
4/20/2016							0.013		
7/22/2016					<0.001				
7/25/2016		0.016		<0.001					
7/26/2016	0.0053					<0.001	0.01	<0.001	
7/27/2016			0.0039						<0.001
1/26/2017	0.0034								
1/31/2017		0.055 (O)		<0.001	<0.001	<0.001			
2/1/2017			0.0043				0.013	<0.001	<0.001
8/4/2017						<0.001		<0.001	
8/7/2017	0.011 (O)	0.0093		<0.001	<0.001		0.018		<0.001
8/8/2017			0.0022 (J)						
1/24/2018	0.0023 (J)	0.01		<0.001	<0.001				
1/25/2018			0.0046			<0.001	0.013	<0.001	<0.001
6/20/2018				<0.001		<0.001	0.015	<0.001	<0.001

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
6/21/2018	0.0031	0.0083	0.0046						
6/26/2018					<0.001				
1/22/2019	0.0025	0.008				0.00033 (J)	0.014	<0.001	
1/24/2019				0.00035 (J)					
1/25/2019					<0.001				<0.001
1/31/2019			0.0018						
6/25/2019	0.0053	0.01				0.00068 (J)	0.016	0.00031 (J)	0.00067 (J)
6/26/2019			0.0014	<0.001	<0.001				
9/10/2019	0.0026								
9/11/2019					0.00088 (J)				0.00077 (J)
9/12/2019						0.00055 (J)	0.016		
9/16/2019		0.0091		<0.001					
9/17/2019			0.0013					<0.001	
3/12/2020	0.0019					<0.001			
3/16/2020		0.0091		0.0004 (J)				<0.001	
3/17/2020			0.0013				0.017		<0.001
3/18/2020					<0.001				
9/10/2020			0.0045	0.0011	0.00039 (J)	0.00037 (J)	0.015	0.00037 (J)	
9/11/2020		0.016							<0.001
9/14/2020	0.0041								
3/16/2021	0.0026	0.012			<0.001				
3/17/2021				<0.001		0.00066 (J)	0.018		<0.001
3/18/2021			0.00097 (J)					<0.001	
8/19/2021					<0.001				
8/20/2021	0.0041		0.0014						<0.001
8/23/2021				<0.001		<0.001	0.021		
8/24/2021								<0.001	
8/25/2021		0.0041							
3/2/2022	0.003								
3/7/2022				<0.001	<0.001		0.02	<0.001	
3/8/2022			0.0017			<0.001			<0.001
3/9/2022		0.0076							
8/11/2022	0.0038								
8/15/2022				<0.001		0.0006 (J)			
8/16/2022		0.077 (O)	0.00086 (J)		<0.001		0.013	<0.001	<0.001
2/15/2023	0.001	0.0088	0.0012		0.00099 (J)				
2/17/2023							0.019		
2/20/2023									0.00062 (J)
2/21/2023				<0.001		0.00051 (J)		<0.001	
8/9/2023	0.004	0.024							
8/10/2023			0.0027						
8/14/2023				<0.001	<0.001		0.019	<0.001	<0.001
8/16/2023						0.00045 (J)			
2/14/2024				<0.001					
2/19/2024		0.0093				<0.001	0.023		
2/20/2024			0.0012		<0.001				
2/21/2024	0.0021							<0.001	0.00045 (J)
7/30/2024	0.0029								
7/31/2024		0.04	0.0022						
8/5/2024						0.00046 (J)			<0.001
8/6/2024				<0.001	<0.001		0.015	<0.001	
2/11/2025									<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/13/2025	0.0016								
2/17/2025					<0.001		0.019		
2/18/2025		0.011		0.00055 (J)		<0.001		<0.001	
2/19/2025			0.0023						

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.001	<0.001	<0.001						
8/31/2011				<0.001	<0.001				
9/15/2011						<0.001			
9/16/2011							<0.001		
9/17/2011									<0.0025
10/26/2011	<0.001	<0.001	<0.001						
10/27/2011				<0.001	<0.001				
10/29/2011						<0.001	<0.001		
10/31/2011									<0.0025
12/3/2011	<0.001	<0.001	<0.001						
12/4/2011				<0.001	<0.001				
12/13/2011						<0.001	<0.001		
12/14/2011									<0.0025
1/25/2012	<0.001					<0.001			
1/31/2012							<0.001		
2/7/2012									<0.0025
2/8/2012			<0.001	<0.001	<0.001				
2/9/2012		<0.001							
7/11/2012	<0.001	<0.001	<0.001	<0.001					
7/17/2012					<0.001				0.014
7/18/2012						<0.001	<0.001		
1/8/2013	<0.001	<0.001	<0.001	<0.001					
1/9/2013					<0.001				
1/22/2013						<0.001	<0.001		
7/16/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/23/2013							<0.001		
7/24/2013									0.019
1/14/2014	<0.001	<0.001							
1/21/2014			<0.001	<0.001	<0.001	<0.001			
1/22/2014							<0.001		
1/23/2014									0.0036
6/24/2014		<0.001	<0.001	<0.001	<0.001				
6/25/2014	<0.001					<0.001			
7/1/2014							<0.001		
7/8/2014								0.0022 (J)	0.011
1/13/2015		<0.001	<0.001	<0.001	<0.001				
1/14/2015	<0.001					<0.001			
1/21/2015									0.0033
1/22/2015							<0.001		
7/23/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
7/28/2015	<0.001								
7/29/2015							<0.001		
7/30/2015									0.0054
7/31/2015								0.0018 (J)	
1/20/2016								0.0027	
1/21/2016							<0.001		0.0054
1/26/2016					<0.001	<0.001			
1/27/2016	<0.001	<0.001	<0.001	<0.001					
7/25/2016		<0.001	<0.001	<0.001					
7/26/2016					<0.001	<0.001			
7/27/2016	<0.001						<0.001	<0.0025	0.0065
1/24/2017									0.012

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/1/2017	<0.001	<0.001							
2/2/2017			<0.001	<0.001	<0.001				
2/3/2017						<0.001	<0.001	0.0025	
8/3/2017									<0.0025
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
8/8/2017						<0.001	<0.001	0.0036	
1/25/2018	<0.001	<0.001	<0.001			<0.001	<0.001	0.0022 (J)	0.0071
1/26/2018				<0.001	<0.001				
6/20/2018					<0.001	<0.001	<0.001		
6/21/2018		<0.001	<0.001	<0.001					
6/26/2018	<0.001								
6/27/2018								<0.0025	0.0072
1/24/2019	<0.001				0.00051 (J)	<0.001			0.0027
1/25/2019							0.00044 (J)		
1/28/2019		<0.001	0.0009 (J)	<0.001					
1/31/2019								0.0018	
6/25/2019	0.00092 (J)			0.00048 (J)	0.00085 (J)	0.00031 (J)			0.0021
6/26/2019			0.00051 (J)				<0.001	0.0016	
6/27/2019		<0.001							
9/10/2019						<0.001			
9/11/2019	0.00092 (J)	0.00066 (J)		0.001	0.00066 (J)			0.0018	0.024
9/12/2019			0.00044 (J)				0.00044 (J)		
3/12/2020								0.0025	0.0054
3/17/2020	<0.001	<0.001							
3/18/2020			0.0011	<0.001	0.0004 (J)	0.00042 (J)	0.00079 (J)		
9/10/2020						<0.001	0.00058 (J)		
9/14/2020	0.00041 (J)	0.0015							0.015
9/15/2020			0.0005 (J)	<0.001	0.00076 (J)			0.0022	
3/15/2021						<0.001			
3/16/2021	<0.001	<0.001		<0.001	0.00097 (J)				
3/17/2021			0.001						0.0053
3/18/2021							0.00052 (J)	0.0017	
8/19/2021					0.00071 (J)	<0.001		0.0017	0.0035
8/20/2021	<0.001								
8/23/2021							0.00059 (J)		
8/24/2021		<0.001	0.0005 (J)	<0.001					
3/7/2022				<0.001	<0.001				
3/8/2022	<0.001	<0.001	0.0012			<0.001			0.0039
3/9/2022							<0.001		
3/10/2022								0.0011	
8/10/2022									0.0026
8/11/2022	<0.001	<0.001	<0.001						
8/16/2022				<0.001	0.00082 (J)		<0.001		
8/17/2022						<0.001			
8/18/2022								0.002	
2/14/2023						<0.001			
2/16/2023								0.0014	
2/20/2023	0.00057 (J)	0.0005 (J)							
2/21/2023			0.0014		<0.001		0.00062 (J)		0.0039
2/22/2023				<0.001					
8/9/2023		<0.001	<0.001	<0.001	0.0005 (J)				
8/10/2023	<0.001								

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/14/2023						<0.001			
8/15/2023							<0.001		0.0082
8/16/2023								0.0013	
2/14/2024						<0.001			
2/19/2024					<0.001		<0.001		
2/20/2024	<0.001			<0.001					
2/21/2024		<0.001	0.0014						0.0038
2/22/2024								0.0034	
7/30/2024					<0.001		<0.001		
8/1/2024									0.0055
8/2/2024				0.00082 (J)					
8/6/2024			0.00051 (J)			<0.001		0.0019	
8/7/2024	<0.001	<0.001							
2/11/2025					0.00075 (J)	<0.001	<0.001		
2/13/2025	<0.001	0.00064 (J)							
2/14/2025			0.001	0.00093 (J)				0.0035	0.0036

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.001		<0.001			
9/16/2011						<0.001	<0.0025	0.0037
9/17/2011	<0.001	<0.001		0.0041				
10/28/2011			<0.001					
10/29/2011	<0.001	<0.001						
10/30/2011						<0.001		
10/31/2011				0.003	<0.001		<0.0025	0.0047
12/12/2011							<0.0025	0.0048
12/13/2011			<0.001		<0.001	<0.001		
12/14/2011	<0.001	<0.001						
1/25/2012		<0.001						
2/1/2012					<0.001	<0.001	<0.0025	0.0027
2/7/2012	<0.001			0.0029				
2/8/2012			<0.001					
7/16/2012							<0.0025	0.0035
7/17/2012	<0.001	<0.001			<0.001	<0.001		
7/18/2012			<0.001					
1/22/2013							<0.0025	0.003
1/23/2013				0.0027	<0.001	<0.001		
1/24/2013	<0.001	<0.001	<0.001					
7/2/2013								0.0027
7/17/2013						<0.001	<0.0025	
7/24/2013	<0.001	<0.001	<0.001		<0.001			
1/21/2014								0.002 (J)
1/23/2014	<0.001	<0.001	<0.001	0.0016 (J)	0.00094 (J)	0.00078 (J)	0.00062 (J)	
6/25/2014							<0.0025	0.0026
7/1/2014			<0.001	0.0021 (J)	<0.001			
7/8/2014	<0.001	<0.001						
1/14/2015							<0.0025	0.0021 (J)
1/20/2015			<0.001		<0.001	<0.001		
1/21/2015	<0.001	<0.001		<0.0025				
7/28/2015								0.0016 (J)
7/29/2015						<0.001	<0.0025	
7/30/2015		<0.001	<0.001		<0.001			
7/31/2015	<0.001							
1/19/2016			<0.001					
1/21/2016							<0.0025	0.0017 (J)
1/22/2016		<0.001						
1/25/2016	<0.001			<0.0025	<0.001	<0.001		
7/21/2016			<0.001				<0.0025	<0.0025
7/22/2016					<0.001	0.0023 (J)		
7/26/2016	<0.001	<0.001						
7/27/2016				0.0038				
1/19/2017	<0.001							
1/20/2017		<0.001						
1/24/2017			<0.001					
1/25/2017				<0.0025		<0.001	<0.0025	
1/26/2017					<0.001			<0.0025
8/3/2017	<0.001	<0.001			0.0018 (J)		0.012 (O)	<0.0025
8/4/2017			<0.001	0.0029		<0.001		
1/19/2018		<0.001						
1/22/2018	<0.001							

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/23/2018				0.012	<0.001	<0.001	<0.0025	<0.0025
1/24/2018			<0.001					
6/19/2018								<0.0025
6/20/2018							<0.0025	
6/21/2018			<0.001					
6/26/2018					<0.001	<0.001		
6/27/2018	<0.001	<0.001		0.0065				
1/21/2019								0.0011
1/24/2019	0.00087 (J)	0.00035 (J)						
1/28/2019							0.00047 (J)	
1/30/2019			<0.001		0.00064 (J)	0.00054 (J)		
1/31/2019				0.0011				
6/25/2019	0.0031							
6/26/2019		<0.001		0.00034 (J)		0.00068 (J)	0.00047 (J)	0.0013
6/27/2019			<0.001		0.00059 (J)			
9/10/2019			<0.001					
9/11/2019				0.01			0.0014	
9/12/2019	0.00081 (J)	0.00044 (J)			0.0013	0.00078 (J)		0.0012
3/11/2020			<0.001				0.0005 (J)	0.001
3/12/2020		<0.001				0.0012		
3/13/2020	0.00097 (J)							
3/17/2020				0.0029				
3/18/2020					0.0011			
9/9/2020		0.00052 (J)						
9/10/2020			<0.001					
9/11/2020				0.0019			0.00053 (J)	0.00095 (J)
9/15/2020	0.00072 (J)				0.00095 (J)			
9/16/2020						0.0012		
3/16/2021				0.0014			0.00059 (J)	0.0011
3/17/2021	0.0014				0.00082 (J)			
3/18/2021		<0.001	<0.001			<0.001		
8/18/2021								0.00094 (J)
8/19/2021	0.00059 (J)							
8/23/2021		<0.001	<0.001					
8/24/2021					<0.001	<0.001	0.00043 (J)	
8/25/2021				0.00064 (J)				
3/2/2022			<0.001				0.00064 (J)	0.0015
3/8/2022		<0.001						
3/9/2022	0.0011				<0.001	<0.001		
3/10/2022				0.00055 (J)				
8/10/2022	0.00073 (J)	<0.001	<0.001		<0.001		0.00063 (J)	
8/15/2022						<0.001		0.0014
8/16/2022				0.0016				
2/14/2023			<0.001					
2/15/2023					<0.001			
2/20/2023		<0.001				<0.001	0.00077 (J)	0.0012
2/21/2023	0.00078 (J)							
2/22/2023				0.00047 (J)				
8/15/2023		<0.001			<0.001	<0.001		
8/16/2023	0.00062 (J)		<0.001	0.0022			0.00079 (J)	0.002
2/20/2024	<0.001	<0.001			<0.001	<0.001		
2/21/2024			<0.001	0.0016				

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

Time Series

Constituent: Nickel (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/22/2024							0.00065 (J)	0.0019
7/30/2024		<0.001						
7/31/2024						<0.001		
8/2/2024	<0.001			0.002				
8/5/2024			<0.001				0.0007 (J)	0.003
8/6/2024					<0.001			
2/11/2025		<0.001						
2/13/2025	0.00069 (J)		<0.001				0.00067 (J)	
2/18/2025				0.00074 (J)				0.0026
2/19/2025					<0.001	<0.001		

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

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
1/19/2016						5.92			
1/20/2016		5.47					6.15	5.97	6.23
1/21/2016	5.03								
1/22/2016					6.27				
3/22/2016					6.72	5.92			
3/23/2016	5.56	5.85							
3/28/2016							7.05	6.5	
3/29/2016									6.42
5/19/2016				6.45		5.95			
5/20/2016	5.62								
5/23/2016					6.29		6.47		
5/24/2016		5.86						6	6.38
5/25/2016			6.48						
7/21/2016	5.500376			6.449699		6.049508	6.424029	6.08222	
7/22/2016									6.438562
7/25/2016					6.178217				
7/26/2016		5.808275							
7/27/2016			6.43219						
9/14/2016				6.339431					
9/15/2016	5.31	5.711552				6.180374	6.26111	6.011749	6.380158
9/16/2016					6.087127				
11/9/2016					6				
11/10/2016		5.63		6.19					
11/11/2016	5.4								
11/15/2016							6.29		
11/16/2016								5.99	6.35
1/17/2017				6.18	6.09				
1/19/2017	5.73	5.63							
1/26/2017							6.29	6.12	6.45
3/15/2017						5.86			
3/16/2017	5.25			6.1	5.98				
3/17/2017		5.68							
4/27/2017				6.51	5.96	5.85			
4/28/2017	5.35	5.77		6.51					
5/2/2017							6.98	5.86	6.32
8/1/2017			6.35		6.01	5.86			
8/2/2017		5.67		6.23					
8/3/2017	5.32						6.18	5.92	
8/4/2017									6.35
10/3/2017		5.53	6.8	6.06	6.13	6.01	6.2	5.9	6.34
10/4/2017	5.44								
1/19/2018	5.39	5.68			6.15	5.83			
1/22/2018				6.3					
1/23/2018							6.44	6.08	6.55
1/24/2018			6.77						
6/19/2018	5.27	5.84		6.2	5.96	5.77			
6/20/2018			6.28						
6/25/2018							6.42	5.86	6.26
9/25/2018	5.27	5.52		6.21	5.94	5.92		5.87	
10/2/2018									6.31
10/3/2018							6.33		
1/17/2019	5.43	5.81	6.06	6.29					

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
1/18/2019			6.06			5.86			
1/21/2019					5.92				6.33
1/30/2019							6.94	5.99	
6/24/2019	5.3	5.75	5.68	6.12					
6/25/2019			5.58		6.03	5.96			6.23
6/26/2019							6.42	5.82	
9/9/2019	5.37								
9/10/2019		5.63		6.18	5.79	5.94			6.3
9/11/2019			5.49						
9/12/2019							6.34	6	
3/10/2020	5.42	5.72	5.53	6.24	6.05	5.75			
3/12/2020									6.45
3/16/2020							6.35	5.86	
9/9/2020	5.62		5.34	6.19	5.9	5.63	6.4		
9/10/2020		5.41							
9/11/2020								5.71	
9/14/2020									6.14
3/15/2021	5.55	5.44	5.28	6	6.09	5.51			
3/16/2021									6.5
3/17/2021							6.62	6.1	
8/16/2021	5.48				6.21				
8/18/2021		5.58	5.32	6.22		5.79		5.9	
8/19/2021							6.42		6.38
2/28/2022	5.29								
3/1/2022		5.65	5.7	6.29	5.96				
3/2/2022						5.87	6.31	5.89	6.4
8/9/2022	5.33	5.64	5.45	6.3	6.08	5.9			
8/11/2022							6.31	5.97	6.44
2/13/2023						5.64			
2/14/2023	5.56	5.64	5.53	6.2	6.12				
2/20/2023							6.28	5.94	
2/21/2023									6.5
8/8/2023			5.56			5.94			
8/9/2023	5.26	5.56		6.41	6.16				6.43
8/14/2023							6.28	5.93	
2/13/2024	5.35								
2/14/2024		5.67		6.38	6.29	5.86	6.31	5.96	
2/21/2024									6.46
7/29/2024				6.04	5.88				
7/30/2024	5.47	4.88				5.55			
7/31/2024			6.07				6.23		
8/1/2024								5.83	6.59
2/10/2025				6.34	6.06				
2/11/2025	5.36	5.66				5.85			
2/13/2025									6.45
2/14/2025							6.21		
2/18/2025								5.76	

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/25/2016			6.27						
1/26/2016	5.99			6.11	7.37				
1/27/2016						6.52	5.88	6.67	6.03
3/29/2016	6.45	5.86		6.59	7.53	7.49			
3/30/2016							6.01	6.7	
5/24/2016	6.17	5.81							
5/25/2016			6.44	6.31	7.44	6.76	5.52	6.52	6.22
7/22/2016					7.57				
7/25/2016		5.876175		6.287783					
7/26/2016	6.291124					6.859244	6.066915	6.719922	
7/27/2016			6.364588						6.30178
9/15/2016					7.450908	6.735831	5.1		
9/16/2016			6.202937						6.096227
9/19/2016	6.046436	5.720024		6.191975					
9/20/2016								6.519229	
11/16/2016	5.96	5.77		6.04	6.99				
11/17/2016			5.95			6.63	5.05	6.54	5.9
1/26/2017	6.14								
1/31/2017		5.75	6.47	5.94	7.37	6.76			
2/1/2017							5.5	6.56	6.14
3/23/2017	5.95	5.97		6.06	7.41	6.85	5.41		
3/24/2017									5.99
5/2/2017	6.11	6.11	6.69	5.95					
5/3/2017					7.32	6.57	5.71	6.5	6.06
8/4/2017						6.77		6.55	
8/7/2017	6.02	5.78		6.11	7.25		5.03		6.12
8/8/2017			6.67						
10/3/2017		5.84							
10/4/2017				6.02	7.58		5.11	6.67	
10/5/2017	5.76					6.81			6.19
10/13/2017				6.24					
1/24/2018	5.91	5.98	6.47	6.17	7.02				
1/25/2018						6.63	5.64	6.45	6.1
6/20/2018				5.92		6.66	5.05	7.24	6.08
6/21/2018	5.9	5.68	5.76						
6/26/2018					7.43				
9/26/2018	5.9	5.71							
9/27/2018			5.5	5.97					
9/28/2018					7.3				
10/1/2018							5.59	6.5	6.12
10/2/2018						6.91			
1/22/2019	5.95	5.8				6.61	5.72	6.48	
1/24/2019				6.25					
1/25/2019					7.49				6.05
1/31/2019			5.75						
6/25/2019	5.85	5.71				6.54	5.49	6.43	6.08
6/26/2019			5.78	5.97	7.28				
9/10/2019	5.9								
9/11/2019					7.47				6.22
9/12/2019						6.73	4.92		
9/16/2019		5.69		6.07					
9/17/2019			5.55					6.54	

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
1/13/2020	5.89								
3/12/2020	5.86					6.68			
3/16/2020		5.8		5.92				6.58	
3/17/2020			5.96				5.63		6.35
3/18/2020					7.55				
5/4/2020								6.9	
9/10/2020			5.3	5.82	7.15	6.69	5	6.31	
9/11/2020		5.4							5.85
9/14/2020	5.64								
12/2/2020			5.72						
3/16/2021	5.99	5.78			7.62				
3/17/2021				6.23		7.19	5.31		6.16
3/18/2021			6.13					6.92	
8/19/2021					7.26				
8/20/2021	5.91		5.68						5.98
8/23/2021				6.02		6.52	5.48		
8/24/2021								6.43	
8/25/2021		5.55							
3/2/2022	5.89								
3/7/2022				6.1	7.32		5.5	6.5	
3/8/2022			5.9			6.93			6.03
3/9/2022		5.53							
5/3/2022					7.34		5.27		
5/4/2022								6.51	
6/7/2022								6.44	
8/11/2022	5.9								
8/15/2022				6.04		7.03			
8/16/2022		5.53	6.16		7.39		5.04	6.54	6.13
10/12/2022		5.51							
11/29/2022					7.34				
2/15/2023	6.03	5.56	5.76		6.98				
2/17/2023							5.73		
2/20/2023									6.08
2/21/2023				5.96		6.62		7.22	
8/9/2023	5.88	5.55							
8/10/2023			5.78						
8/14/2023				5.98	7.2		5.97	6.7	6.09
8/16/2023						6.61			
9/27/2023		5.71							
2/14/2024				6.46					
2/19/2024		5.4				7.14	5.66		
2/20/2024			5.97		7.46				
2/21/2024	5.86							6.62	6.12
3/27/2024						7			
7/30/2024	5.78								
7/31/2024		5.22	5.94						
8/5/2024						6.55			5.88
8/6/2024				5.93	7.45		5.24	6.49	
9/30/2024		5.43							
2/11/2025									6.15
2/13/2025	5.86								
2/17/2025					7.28		5.94		

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/18/2025		5.26		6.05		6.54		6.45	
2/19/2025			5.68						
4/16/2025				6.21 (R)					

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
1/20/2016								5.41	5.98
1/21/2016							6.24		
1/26/2016					5.39	6.46			
1/27/2016	6.27		6.14	6.08					
3/28/2016									5.1
3/29/2016							4.87 (O)		
3/30/2016	6.22	6.03	6.1	6.27	5.88				
3/31/2016						6.53			
5/25/2016	6.24						6.11	6.46	5.7
5/26/2016		6.03	5.99	6.23	5.55	6.69			
7/25/2016		6.066342	6.063209	6.3145					
7/26/2016					5.64011	6.620398			
7/27/2016	6.321385						6.04	6.119047	5.966094
9/16/2016								6.310241	
9/19/2016	6.272624	6.040669	6.059689						6.031435
9/20/2016				6.379374	5.721614	6.475767	5.887537		
11/15/2016									6.35
11/17/2016	6.11		5.97		5.56	6.52			
11/18/2016							6.32	5.62	
1/20/2017									6.54
1/23/2017									6.59
2/1/2017	6.18	5.98							
2/2/2017				6.17					
2/3/2017							5.91		
2/6/2017								5.36	
3/23/2017									7.25
3/24/2017	6.34	5.85	5.82						6.56
3/28/2017				6.01	5.36	6.87	5.86	5.87	
5/3/2017	6.09	5.92	5.89			6.59		7.5 (O)	
5/4/2017				6.38	5.55		6.2		
8/3/2017									6.33
8/7/2017	6.16	5.98	5.93	6.19	5.61				
8/8/2017						6.59	6.07		
10/4/2017	6.18							5.54	
10/5/2017		5.87	5.79			6.4	5.95		6.36
10/6/2017				6.2	5.47				
1/24/2018									6.12
1/25/2018	6.2	6.03	5.89			6.49	6.06	5.74	
1/26/2018				6.16	5.65				
6/20/2018					5.48	6.42	5.84		
6/21/2018		5.87	5.78	6.65					
6/26/2018	6.1								
6/27/2018								5.51	6.28
9/26/2018									6.4
9/27/2018			5.82	6.29	5.38				
9/28/2018		5.77						5.28	
10/1/2018						6.7	5.96		
10/2/2018	6.16								
1/24/2019	6.31				6.01	6.69			6
1/25/2019							5.97		
1/28/2019		6.03	5.96	6.31					
1/31/2019								5.28	

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
6/25/2019	6.12			6.15	5.35	6.59			5.66
6/26/2019			5.78				5.86	5.59	
6/27/2019		5.78							
9/10/2019						6.44			
9/11/2019	6.39	6.02		6.27	5.71			5.21	5.99
9/12/2019			5.92				5.93		
1/14/2020									6.18
3/12/2020								5.33	6.4
3/17/2020	6.09	5.88							
3/18/2020			5.71	6.16	5.45	6.85	6.06		
9/10/2020						6.86	5.8		
9/14/2020	6.37	5.77							5.47
9/15/2020			5.72	6.28	5.3			4.97	
3/15/2021						6.78			
3/16/2021	6.22	6.02		6.33	5.47				
3/17/2021			5.95						5.97
3/18/2021							6.01	5.16	
8/19/2021					5.54	6.58		5.1	5.97
8/20/2021	6.05								
8/23/2021							5.9		
8/24/2021		5.9	5.78	6.17					
3/7/2022				6.13	5.37				
3/8/2022	6.06	6.01	5.81			6.41			6.24
3/9/2022							5.5		
3/10/2022								5.14	
5/4/2022	6.08		5.72			6.41			
8/10/2022									6
8/11/2022	5.95	5.76	5.7						
8/16/2022				6.73	5.54		5.86		
8/17/2022						6.61			
8/18/2022								5.08	
2/14/2023						6.56			
2/16/2023								5.08	
2/20/2023	6.06	5.87							
2/21/2023			5.73		5.37		5.88		5.93
2/22/2023				6.91					
8/9/2023		5.99	5.87	6.47	5.62				
8/10/2023	6.13								
8/14/2023						6.79			
8/15/2023							5.93		6.01
8/16/2023								5.14	
2/14/2024						6.94			
2/19/2024					5.51		5.96		
2/20/2024	6.01			6.87					
2/21/2024		5.82	5.77						6.18
2/22/2024								5.39	
7/30/2024					5.28		5.62		
8/1/2024									6.19
8/2/2024				6.15					
8/6/2024			5.64			6.52		5.3	
8/7/2024	6.1	5.71							
2/11/2025					5.79	6.54	5.91		

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/13/2025	6	5.89							
2/14/2025			5.79	6.1				5.16	6.12

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/19/2016			5.9					
1/21/2016							5.51	5.19
1/22/2016		5.35						
1/25/2016				5.98	6.13	6.23		
3/23/2016		5.57	6.78		6.22	6.7		
3/24/2016	5.64						6.66 (O)	6.32 (O)
5/20/2016			6.05					
5/23/2016					5.99		5.92	
5/24/2016	5.78	5.58				6.26		
5/25/2016				6.3				5.58
7/21/2016			6.188237				6.008569	5.701591
7/22/2016					7.552699 (O)	6.956045		
7/26/2016	6.038068	5.614371						
7/27/2016				6.327805				
9/15/2016							5.982305	5.629095
9/16/2016					6.260319	6.411956		
9/19/2016		5.506855						
9/20/2016	5.701864		6.075727					
11/11/2016		5.88						
11/14/2016	5.64		5.93					
11/15/2016					6.22		6.03	5.66
11/16/2016						6.15		
1/19/2017	5.7							
1/20/2017		5.71						
1/24/2017			6.03	5.93				
1/25/2017					6.17	6.09	5.92	
1/26/2017								5.61
2/6/2017				6.04				
3/16/2017	5.58	5.37						
3/17/2017			5.94					
3/22/2017						6.18	5.66	5.42
3/28/2017				6.06				
4/28/2017		5.89						
5/1/2017	5.78		6	6.24	6.18	6.45	5.88	
5/2/2017								5.72
8/3/2017	5.61	5.65		5.98	6.32	6.52	5.98	5.65
8/4/2017			6.01					
10/3/2017		5.67					5.91	5.62
10/4/2017	5.75		6.58					
10/5/2017				5.97				
1/19/2018		5.53						
1/22/2018	6			5.99	6.19	6.22		
1/23/2018							6.11	5.64
1/24/2018			6.29					
6/19/2018								5.59
6/20/2018							5.97	
6/21/2018			5.95					
6/26/2018					5.97	6.15		
6/27/2018	5.59	5.58		5.99				
9/27/2018	5.68	5.7						
10/1/2018								5.55
10/2/2018					6.06	6.47	5.86	

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
10/3/2018			6.38	6.2				
1/21/2019								5.53
1/24/2019	5.78	5.39						
1/28/2019							6.08	
1/30/2019			6.08		6.12	6.41		
1/31/2019				6.03				
6/25/2019	5.63							
6/26/2019		5.72		6.18		6.3	5.8	5.55
6/27/2019			6.08		6.11			
9/10/2019			6.63					
9/11/2019				6.34			5.92	
9/12/2019	5.63	5.36			6.08	6.5		5.68
1/14/2020				6.04	6.11			
3/11/2020			6.04				5.93	5.62
3/12/2020		5.36				6.37		
3/13/2020	5.52							
3/17/2020				6.15				
3/18/2020					6.13			
9/9/2020		5.63						
9/10/2020			6.59					
9/11/2020				6.01			5.68	5.4
9/15/2020	5.63				5.88			
9/16/2020						5.88		
3/16/2021				5.89			5.78	5.44
3/17/2021	5.61				6.14			
3/18/2021		5.39	5.77			6.41		
8/18/2021								5.53
8/19/2021	5.69							
8/23/2021		5.35	5.96					
8/24/2021					6.12	6.32	5.93	
8/25/2021				6.01				
3/2/2022			6.07				5.91	5.73
3/8/2022		5.57						
3/9/2022	5.69				6.11	5.85		
3/10/2022				6.02				
5/4/2022				6.19		6.67		
8/10/2022	5.6	5.63	5.97		5.94		5.78	
8/15/2022						6.16		5.55
8/16/2022				6.19				
2/14/2023			5.91					
2/15/2023					5.98			
2/20/2023		5.33				6.21	5.96	5.51
2/21/2023	5.58							
2/22/2023				6.03				
8/15/2023		5.63			6.05	6.23		
8/16/2023	5.53		5.96	6.27			5.78	5.42
2/20/2024	5.53	5.42			6.25	6.49		
2/21/2024			5.96	6.72				
2/22/2024							6.43	5.56
3/27/2024				5.97				
7/30/2024		5.27						
7/31/2024						5.86		

Time Series

Constituent: pH, Field (SU) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
8/2/2024	5.61			6.13				
8/5/2024			6.02				5.6	5.25
8/6/2024					6.1			
9/30/2024								5.66
2/11/2025		5.51						
2/13/2025	5.7		6.12				6	
2/18/2025				6				5.44
2/19/2025					6.03	6.2		

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.005	<0.005			<0.005	<0.005	
9/7/2011									<0.005
9/16/2011	<0.005				<0.005				
9/17/2011		<0.005				<0.005			
10/27/2011	<0.005	<0.005		<0.005			<0.005		
10/28/2011					<0.005	<0.005			
10/30/2011								<0.005	<0.005
12/5/2011							<0.005	<0.005	<0.005
12/12/2011					<0.005	<0.005			
12/13/2011	<0.005								
12/14/2011		<0.005		<0.005					
1/25/2012					<0.005		<0.005	<0.005	<0.005
1/31/2012	<0.005					<0.005			
2/1/2012				<0.005					
2/7/2012		<0.005							
7/16/2012					<0.005				
7/17/2012						<0.005			
7/18/2012	<0.005						<0.005		<0.005
7/23/2012		<0.005		<0.005					
7/24/2012								<0.005	
1/7/2013									<0.005
1/8/2013								<0.005	
1/9/2013							<0.005		
1/23/2013		<0.005		<0.005					
1/24/2013	<0.005				<0.005	<0.005			
7/9/2013								<0.005	<0.005
7/17/2013	<0.005			<0.005			<0.005		
7/23/2013					<0.005				
7/24/2013		<0.005				<0.005			
1/14/2014									<0.005
1/15/2014				<0.005			<0.005	<0.005	
1/21/2014	<0.005								
1/22/2014		<0.005			<0.005	<0.005			
6/24/2014									<0.005
6/25/2014	<0.005		<0.005	<0.005			<0.005	<0.005	
7/1/2014		<0.005			<0.005				
7/8/2014						<0.005			
1/13/2015							<0.005		
1/14/2015	<0.005			<0.005					
1/20/2015								<0.005	<0.005
1/21/2015					<0.005	<0.005			
1/22/2015		<0.005							
7/21/2015	<0.005		<0.005	<0.005	<0.005				
7/22/2015		<0.005				<0.005			
7/24/2015							<0.005	<0.005	
7/27/2015									<0.005
1/19/2016						<0.005			
1/20/2016		<0.005		<0.005			<0.005	<0.005	
1/21/2016	<0.005								
1/22/2016					<0.005				
1/26/2016									<0.005
3/22/2016					<0.005	<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/23/2016	<0.005	<0.005		<0.005					
3/28/2016							<0.005	<0.005	
3/29/2016									<0.005
3/31/2016			<0.005						
5/19/2016				<0.005		<0.005			
5/20/2016	<0.005								
5/23/2016					<0.005		<0.005		
5/24/2016		<0.005						<0.005	<0.005
5/25/2016			<0.005						
7/21/2016	<0.005			<0.005		0.00045 (J)	0.00025 (J)	<0.005	
7/22/2016									<0.005
7/25/2016					0.0004 (J)				
7/26/2016		<0.005							
7/27/2016			<0.005						
9/14/2016				<0.005					
9/15/2016	<0.005				<0.005		<0.005	<0.005	<0.005
9/16/2016		<0.005							
11/9/2016					<0.005				
11/10/2016		<0.005		<0.005					
11/11/2016	<0.005								
11/15/2016							<0.005		
11/16/2016								0.00031 (J)	<0.005
1/17/2017				<0.005	<0.005	<0.005			
1/19/2017	<0.005	<0.005							
1/26/2017							<0.005	<0.005	<0.005
3/15/2017						<0.005			
3/16/2017	<0.005			<0.005	<0.005				
3/17/2017		<0.005							
3/22/2017							<0.005	<0.005	<0.005
4/27/2017				<0.005	<0.005	<0.005			
4/28/2017	<0.005	<0.005							
5/2/2017							<0.005	<0.005	<0.005
7/18/2017						<0.005			
8/1/2017			0.00028 (J)		<0.005	0.00036 (J)			
8/2/2017		<0.005		<0.005					
8/3/2017	<0.005						<0.005	<0.005	
8/4/2017									0.00033 (J)
10/3/2017			<0.005						
1/19/2018	<0.005	<0.005			0.00073 (J)	0.00027 (J)			
1/22/2018				<0.005					
1/23/2018							<0.005	<0.005	<0.005
6/19/2018	0.00054 (J)	<0.005		0.00086 (J)	<0.005	0.00051 (J)			
6/20/2018			<0.005						
6/25/2018							0.0008 (J)	0.0008 (J)	<0.005
1/17/2019	<0.005	<0.005		<0.005					
1/18/2019			<0.005			<0.005			
1/21/2019					<0.005				<0.005
1/30/2019							<0.005	<0.005	
6/24/2019	<0.005	<0.005		<0.005					
6/25/2019			<0.005		<0.005	<0.005			<0.005
6/26/2019							<0.005	<0.005	
9/9/2019	<0.005								

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
9/10/2019		<0.005		<0.005	<0.005	<0.005			<0.005
9/11/2019			<0.005						
9/12/2019							<0.005	<0.005	
3/10/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/12/2020									<0.005
3/16/2020							<0.005	<0.005	
9/9/2020	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005		
9/10/2020		<0.005							
9/11/2020								<0.005	
9/14/2020									<0.005
3/15/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/16/2021									<0.005
3/17/2021							<0.005	<0.005	
8/16/2021	<0.005				<0.005				
8/18/2021		<0.005	<0.005	<0.005		<0.005		<0.005	
8/19/2021							<0.005		<0.005
2/28/2022	<0.005								
3/1/2022		<0.005	<0.005	<0.005	<0.005				
3/2/2022						<0.005	<0.005	<0.005	<0.005
8/9/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
8/11/2022							<0.005	<0.005	<0.005
2/13/2023						<0.005			
2/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005				
2/20/2023							<0.005	<0.005	
2/21/2023									<0.005
8/8/2023			<0.005			<0.005			
8/9/2023	<0.005	<0.005		<0.005	<0.005				<0.005
8/14/2023							<0.005	<0.005	
2/13/2024	<0.005								
2/14/2024		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	
2/21/2024									<0.005
7/29/2024				<0.005	<0.005				
7/30/2024	<0.005	<0.005				<0.005			
7/31/2024			<0.005				<0.005		
8/1/2024								<0.005	<0.005
2/10/2025				<0.005	<0.005				
2/11/2025	<0.005	<0.005				<0.005			
2/13/2025									<0.005
2/14/2025							<0.005		
2/18/2025								<0.005	

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.005
9/7/2011	<0.005	0.015 (O)							
9/13/2011				<0.005	<0.005	<0.005	<0.005		
9/16/2011								<0.005	
10/26/2011									<0.005
10/27/2011							<0.005	<0.005	
10/28/2011				<0.005	<0.005	<0.005			
10/30/2011	<0.005	<0.005							
12/3/2011							<0.005	<0.005	<0.005
12/4/2011		<0.005		<0.005	<0.005	<0.005			
12/5/2011	<0.005								
1/19/2012	<0.005	<0.005							
1/24/2012					<0.005	<0.005	<0.005		
1/25/2012									<0.005
2/9/2012				<0.005				<0.005	
7/11/2012					<0.005	<0.005	<0.005	<0.005	<0.005
7/18/2012	<0.005	<0.005		<0.005					
1/7/2013	<0.005								
1/8/2013		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/2/2013								<0.005	<0.005
7/9/2013	<0.005	<0.005		<0.005					
7/10/2013					<0.005	<0.005	<0.005		
1/14/2014	<0.005	<0.005							<0.005
1/15/2014				<0.005					
1/21/2014					<0.005	<0.005	<0.005	<0.005	
6/24/2014	<0.005	<0.005						<0.005	
6/25/2014				<0.005					<0.005
7/1/2014					<0.005	<0.005	<0.005		
1/13/2015									<0.005
1/14/2015							<0.005	<0.005	
1/20/2015	<0.005	<0.005							
1/21/2015				<0.005	<0.005	<0.005			
7/22/2015							<0.005	<0.005	<0.005
7/27/2015	<0.005	<0.005							
7/28/2015				<0.005	<0.005	<0.005			
1/25/2016			<0.005						
1/26/2016	<0.005	<0.005		<0.005	<0.005				
1/27/2016						<0.005	0.0071	<0.005	<0.005
3/29/2016	<0.005	<0.005		<0.005	<0.005	<0.005			
3/30/2016			<0.005				0.00273 (J)	<0.005	<0.005
4/20/2016							<0.005		
5/24/2016	<0.005	<0.005							
5/25/2016			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/22/2016					<0.005				
7/25/2016		<0.005		0.00041 (J)					
7/26/2016	<0.005					<0.005	<0.005	<0.005	
7/27/2016			<0.005						0.00029 (J)
9/15/2016					<0.005	<0.005	<0.005		
9/16/2016			<0.005						<0.005
9/19/2016	<0.005	<0.005		0.00084 (J)					
9/20/2016								<0.005	
11/16/2016	<0.005	<0.005		<0.005	<0.005				

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
11/17/2016			<0.005			<0.005	0.00047 (J)	<0.005	<0.005
1/26/2017	<0.005								
1/31/2017		0.00053 (J)		0.00033 (J)	<0.005	<0.005			
2/1/2017			<0.005				<0.005	<0.005	<0.005
3/23/2017	<0.005	<0.005		<0.005	<0.005	0.0021	<0.005	<0.005	
3/24/2017			<0.005						<0.005
5/2/2017		<0.005		<0.005					
5/3/2017	0.0018		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
8/4/2017						<0.005		<0.005	
8/7/2017	0.00068 (J)	0.0009 (J)		<0.005	0.00032 (J)		0.00088 (J)		<0.005
8/8/2017			<0.005						
1/24/2018	0.00025 (J)	0.00052 (J)		<0.005	<0.005				
1/25/2018			<0.005			<0.005	0.00025 (J)	<0.005	<0.005
6/20/2018				0.00026 (J)		<0.005	0.0017	0.00027 (J)	<0.005
6/21/2018	0.00029 (J)	0.00063 (J)	<0.005						
6/26/2018					<0.005				
1/22/2019	<0.005	<0.005				<0.005	<0.005	<0.005	
1/24/2019				<0.005					
1/25/2019					<0.005				<0.005
1/31/2019			<0.005						
6/25/2019	<0.005	<0.005				<0.005	<0.005	<0.005	<0.005
6/26/2019			<0.005	<0.005	<0.005				
9/10/2019	<0.005								
9/11/2019					<0.005				<0.005
9/12/2019						<0.005	0.0032 (J)		
9/16/2019		<0.005		<0.005					
9/17/2019			<0.005					<0.005	
3/12/2020	<0.005					<0.005			
3/16/2020		<0.005		<0.005				<0.005	
3/17/2020			<0.005				0.0023 (J)		<0.005
3/18/2020					<0.005				
9/10/2020			<0.005	<0.005	<0.005	<0.005	0.0022 (J)	<0.005	
9/11/2020		<0.005							<0.005
9/14/2020	<0.005								
3/16/2021	<0.005	<0.005			<0.005				
3/17/2021				<0.005		<0.005	0.0025 (J)		<0.005
3/18/2021			<0.005					<0.005	
8/19/2021					<0.005				
8/20/2021	<0.005		<0.005						<0.005
8/23/2021				<0.005		<0.005	<0.005		
8/24/2021								<0.005	
8/25/2021		<0.005							
3/2/2022	<0.005								
3/7/2022				<0.005	<0.005		<0.005	<0.005	
3/8/2022			<0.005			<0.005			<0.005
3/9/2022		<0.005							
8/11/2022	<0.005								
8/15/2022				<0.005		<0.005			
8/16/2022		<0.005	<0.005		<0.005		0.0022 (J)	<0.005	<0.005
2/15/2023	<0.005	<0.005	<0.005		<0.005				
2/17/2023							<0.005		
2/20/2023									<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/21/2023				<0.005		<0.005		<0.005	
8/9/2023	<0.005	<0.005							
8/10/2023			<0.005						
8/14/2023				<0.005	<0.005		<0.005	<0.005	<0.005
8/16/2023						<0.005			
2/14/2024				<0.005					
2/19/2024		<0.005				<0.005	<0.005		
2/20/2024			<0.005		<0.005				
2/21/2024	<0.005							<0.005	<0.005
7/30/2024	<0.005								
7/31/2024		<0.005	<0.005						
8/5/2024						<0.005			<0.005
8/6/2024				<0.005	<0.005		0.0018 (J)	<0.005	
2/11/2025									<0.005
2/13/2025	<0.005								
2/17/2025					<0.005		<0.005		
2/18/2025		<0.005		<0.005		<0.005		<0.005	
2/19/2025			<0.005						

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.005	<0.005	<0.005						
8/31/2011				<0.005	<0.005				
9/15/2011						<0.005			
9/16/2011							<0.005		
9/17/2011									<0.005
10/26/2011	<0.005	<0.005	<0.005						
10/27/2011				<0.005	<0.005				
10/29/2011						<0.005	<0.005		
10/31/2011									<0.005
12/3/2011	<0.005	<0.005	<0.005						
12/4/2011				<0.005	<0.005				
12/13/2011						<0.005	<0.005		
12/14/2011									<0.005
1/25/2012	<0.005					<0.005			
1/31/2012							<0.005		
2/7/2012									<0.005
2/8/2012			<0.005	<0.005	<0.005				
2/9/2012		<0.005							
7/11/2012	<0.005	<0.005	<0.005	<0.005					
7/17/2012					<0.005				<0.005
7/18/2012						<0.005	<0.005		
1/8/2013	<0.005	<0.005	<0.005	<0.005					
1/9/2013					<0.005				
1/22/2013						<0.005	<0.005		
7/16/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
7/23/2013							<0.005		
7/24/2013									<0.005
1/14/2014	<0.005	<0.005							
1/21/2014			<0.005	<0.005	<0.005	<0.005			
1/22/2014							<0.005		
1/23/2014									<0.005
6/24/2014		<0.005	<0.005	<0.005	<0.005				
6/25/2014	<0.005					<0.005			
7/1/2014							<0.005		
7/8/2014								<0.005	<0.005
1/13/2015		<0.005	<0.005	<0.005	<0.005				
1/14/2015	<0.005					<0.005			
1/21/2015									<0.005
1/22/2015							<0.005		
7/23/2015		<0.005	<0.005	<0.005	<0.005	<0.005			
7/28/2015	<0.005								
7/29/2015							<0.005		
7/30/2015									<0.005
7/31/2015								<0.005	
1/20/2016								<0.005	
1/21/2016							<0.005		<0.005
1/26/2016					<0.005	<0.005			
1/27/2016	<0.005	<0.005	<0.005	<0.005					
3/28/2016									<0.005
3/29/2016							<0.005		
3/30/2016	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	
3/31/2016						<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
5/25/2016	<0.005						<0.005	<0.005	<0.005
5/26/2016		<0.005	<0.005	<0.005	<0.005	<0.005			
7/25/2016		0.00073 (J)	<0.005	<0.005					
7/26/2016					<0.005	<0.005			
7/27/2016	<0.005						<0.005	<0.005	0.00033 (J)
9/16/2016								<0.005	
9/19/2016	<0.005	<0.005	<0.005						<0.005
9/20/2016				<0.005	<0.005	<0.005	<0.005		
11/15/2016									<0.005
11/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
11/18/2016							<0.005	<0.005	
1/24/2017									<0.005
2/1/2017	<0.005	<0.005							
2/2/2017			<0.005	<0.005	<0.005				
2/3/2017						<0.005	<0.005	<0.005	
3/23/2017									<0.005
3/24/2017	<0.005	<0.005	<0.005						
3/28/2017				<0.005	<0.005	<0.005	<0.005		
3/29/2017								<0.005	
5/2/2017									<0.005
5/3/2017	<0.005	<0.005	<0.005			<0.005			
5/4/2017				<0.005	<0.005		<0.005	<0.005	
8/3/2017									<0.005
8/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005				
8/8/2017						<0.005	<0.005	<0.005	
1/25/2018	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
1/26/2018				<0.005	<0.005				
6/20/2018					0.00046 (J)	0.0003 (J)	<0.005		
6/21/2018		<0.005	<0.005	<0.005					
6/26/2018	<0.005								
6/27/2018								<0.005	<0.005
1/24/2019	<0.005				<0.005	<0.005			<0.005
1/25/2019							<0.005		
1/28/2019		<0.005	<0.005	<0.005					
1/31/2019								<0.005	
6/25/2019	<0.005			<0.005	<0.005	<0.005			<0.005
6/26/2019			<0.005				<0.005	<0.005	
6/27/2019		<0.005							
9/10/2019						<0.005			
9/11/2019	<0.005	<0.005		<0.005	<0.005			<0.005	<0.005
9/12/2019			<0.005				<0.005		
3/12/2020								<0.005	<0.005
3/17/2020	<0.005	<0.005							
3/18/2020			<0.005	<0.005	<0.005	<0.005	<0.005		
9/10/2020						<0.005	<0.005		
9/14/2020	<0.005	<0.005							<0.005
9/15/2020			<0.005	<0.005	<0.005			<0.005	
3/15/2021						<0.005			
3/16/2021	<0.005	<0.005		<0.005	<0.005				
3/17/2021			<0.005						<0.005
3/18/2021							<0.005	<0.005	
8/19/2021					<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/20/2021	<0.005								
8/23/2021							<0.005		
8/24/2021		<0.005	<0.005	<0.005					
3/7/2022				<0.005	<0.005				
3/8/2022	<0.005	<0.005	<0.005			<0.005			<0.005
3/9/2022							<0.005		
3/10/2022								<0.005	
8/10/2022									<0.005
8/11/2022	<0.005	<0.005	<0.005						
8/16/2022				<0.005	<0.005		<0.005		
8/17/2022						<0.005			
8/18/2022								<0.005	
2/14/2023						<0.005			
2/16/2023								<0.005	
2/20/2023	<0.005	<0.005							
2/21/2023			<0.005		<0.005		<0.005		<0.005
2/22/2023				<0.005					
8/9/2023		<0.005	<0.005	<0.005	<0.005				
8/10/2023	<0.005								
8/14/2023						<0.005			
8/15/2023							<0.005		<0.005
8/16/2023								<0.005	
2/14/2024						<0.005			
2/19/2024					<0.005		<0.005		
2/20/2024	<0.005			<0.005					
2/21/2024		<0.005	<0.005						<0.005
2/22/2024								<0.005	
7/30/2024					<0.005		<0.005		
8/1/2024									<0.005
8/2/2024				<0.005					
8/6/2024			<0.005			<0.005		<0.005	
8/7/2024	<0.005	<0.005							
2/11/2025					<0.005	<0.005	<0.005		
2/13/2025	<0.005	<0.005							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.005		<0.005			
9/16/2011						<0.005	<0.005	<0.005
9/17/2011	<0.005	<0.005		<0.005				
10/28/2011			<0.005					
10/29/2011	<0.005	<0.005						
10/30/2011						<0.005		
10/31/2011				<0.005	<0.005		<0.005	<0.005
12/12/2011							<0.005	<0.005
12/13/2011			<0.005		<0.005	<0.005		
12/14/2011	<0.005	<0.005						
1/25/2012		<0.005						
2/1/2012					<0.005	<0.005	<0.005	<0.005
2/7/2012	<0.005			<0.005				
2/8/2012			<0.005					
7/16/2012							<0.005	<0.005
7/17/2012	<0.005	<0.005			<0.005	<0.005		
7/18/2012			<0.005					
1/22/2013							<0.005	<0.005
1/23/2013				<0.005	<0.005	<0.005		
1/24/2013	<0.005	<0.005	<0.005					
7/2/2013								<0.005
7/17/2013						<0.005	<0.005	
7/24/2013	<0.005	<0.005	<0.005		<0.005			
1/21/2014								<0.005
1/23/2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
6/25/2014							<0.005	<0.005
7/1/2014			<0.005	<0.005	<0.005			
7/8/2014	<0.005	<0.005						
1/14/2015							<0.005	<0.005
1/20/2015			<0.005		<0.005	<0.005		
1/21/2015	<0.005	<0.005		<0.005				
7/28/2015								<0.005
7/29/2015						<0.005	<0.005	
7/30/2015		<0.005	<0.005		<0.005			
7/31/2015	<0.005							
1/19/2016			<0.005					
1/21/2016							<0.005	<0.005
1/22/2016		<0.005						
1/25/2016	<0.005			<0.005	<0.005	<0.005		
3/23/2016		<0.005	<0.005		<0.005	<0.005		
3/24/2016	<0.005						<0.005	<0.005
3/30/2016				<0.005				
5/20/2016			<0.005					
5/23/2016							<0.005	<0.005
5/24/2016		<0.005			<0.005	<0.005		
5/25/2016	<0.005			<0.005				
7/21/2016			0.0003 (J)				<0.005	<0.005
7/22/2016					0.00025 (J)	0.00074 (J)		
7/26/2016	<0.005	<0.005						
7/27/2016				0.00095 (J)				
9/15/2016							<0.005	<0.005
9/16/2016					<0.005	<0.005		

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/19/2016	<0.005	<0.005						
9/20/2016			<0.005					
11/11/2016		<0.005						
11/14/2016	<0.005		<0.005					
11/15/2016					<0.005		<0.005	<0.005
11/17/2016						<0.005		
1/19/2017	<0.005							
1/20/2017		0.00045 (J)						
1/24/2017			<0.005					
1/25/2017				0.00035 (J)		<0.005	<0.005	
1/26/2017					<0.005			<0.005
3/16/2017	<0.005	<0.005						
3/17/2017			<0.005					
3/22/2017							<0.005	<0.005
3/23/2017				<0.005		<0.005		
3/24/2017					<0.005			
4/28/2017		<0.005						
5/1/2017	0.0018		<0.005			0.00084 (J)	<0.005	
5/2/2017				<0.005	<0.005			<0.005
7/19/2017				0.00068 (J)				
8/3/2017	<0.005	<0.005			<0.005		<0.005	<0.005
8/4/2017			0.00027 (J)	0.00042 (J)		0.00084 (J)		
1/19/2018		<0.005						
1/22/2018	0.0003 (J)							
1/23/2018				0.001 (J)	<0.005	0.001 (J)	<0.005	<0.005
1/24/2018			0.00067 (J)					
6/19/2018								0.00025 (J)
6/20/2018							<0.005	
6/21/2018			<0.005					
6/26/2018					<0.005	0.00085 (J)		
6/27/2018	<0.005	<0.005		0.00044 (J)				
1/21/2019								<0.005
1/24/2019	<0.005	<0.005						
1/28/2019							<0.005	
1/30/2019			<0.005		<0.005	<0.005		
1/31/2019				<0.005				
6/25/2019	<0.005							
6/26/2019		<0.005		<0.005		<0.005	<0.005	<0.005
6/27/2019			<0.005		<0.005			
9/10/2019			<0.005					
9/11/2019				<0.005			<0.005	
9/12/2019	<0.005	<0.005			<0.005	<0.005		<0.005
3/11/2020			<0.005				<0.005	<0.005
3/12/2020		<0.005				<0.005		
3/13/2020	<0.005							
3/17/2020				<0.005				
3/18/2020					<0.005			
9/9/2020		<0.005						
9/10/2020			<0.005					
9/11/2020				<0.005			<0.005	<0.005
9/15/2020	<0.005				<0.005			
9/16/2020						<0.005		

Time Series

Constituent: Selenium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/16/2021				<0.005			<0.005	<0.005
3/17/2021	<0.005				<0.005			
3/18/2021		<0.005	<0.005			<0.005		
8/18/2021								<0.005
8/19/2021	<0.005							
8/23/2021		<0.005	<0.005					
8/24/2021					<0.005	<0.005	<0.005	
8/25/2021				<0.005				
3/2/2022			<0.005				<0.005	<0.005
3/8/2022		<0.005						
3/9/2022	<0.005				<0.005	<0.005		
3/10/2022				<0.005				
8/10/2022	<0.005	<0.005	<0.005		<0.005		<0.005	
8/15/2022						<0.005		<0.005
8/16/2022				<0.005				
2/14/2023			<0.005					
2/15/2023					<0.005			
2/20/2023		<0.005				<0.005	<0.005	<0.005
2/21/2023	<0.005							
2/22/2023				<0.005				
8/15/2023		<0.005			<0.005	<0.005		
8/16/2023	<0.005		<0.005	<0.005			<0.005	<0.005
2/20/2024	<0.005	<0.005			<0.005	<0.005		
2/21/2024			<0.005	<0.005				
2/22/2024							<0.005	<0.005
7/30/2024		<0.005						
7/31/2024						<0.005		
8/2/2024	<0.005			<0.005				
8/5/2024			<0.005				<0.005	<0.005
8/6/2024					<0.005			
2/11/2025		<0.005						
2/13/2025	<0.005		<0.005				<0.005	
2/18/2025				<0.005				<0.005
2/19/2025					<0.005	<0.005		

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.001	<0.001			<0.001	<0.001	
9/7/2011									<0.001
9/16/2011	<0.001				<0.001				
9/17/2011		<0.001				<0.001			
10/27/2011	<0.001	<0.001		<0.001			<0.001		
10/28/2011					<0.001	<0.001			
10/30/2011								<0.001	<0.001
12/5/2011							<0.001	<0.001	<0.001
12/12/2011					<0.001	<0.001			
12/13/2011	<0.001								
12/14/2011		<0.001		<0.001					
1/25/2012					<0.001		<0.001	<0.001	<0.001
1/31/2012	<0.001					<0.001			
2/1/2012				<0.001					
2/7/2012		<0.001							
7/16/2012					<0.001				
7/17/2012						<0.001			
7/18/2012	<0.001						<0.001		<0.001
7/23/2012		<0.001		<0.001					
7/24/2012								<0.001	
1/7/2013									<0.001
1/8/2013								<0.001	
1/9/2013							<0.001		
1/23/2013		<0.001		<0.001					
1/24/2013	<0.001				<0.001	<0.001			
7/9/2013								<0.001	<0.001
7/17/2013	<0.001			<0.001			<0.001		
7/23/2013					<0.001				
7/24/2013		<0.001				0.003 (O)			
1/14/2014									<0.001
1/15/2014				<0.001			<0.001	<0.001	
1/21/2014	<0.001								
1/22/2014		<0.001			<0.001	0.0011 (J)			
6/24/2014									<0.001
6/25/2014	<0.001		<0.001	<0.001			<0.001	<0.001	
7/1/2014		<0.001			<0.001				
7/8/2014						0.0013 (J)			
1/13/2015							<0.001		
1/14/2015	<0.001			<0.001					
1/20/2015								<0.001	<0.001
1/21/2015					<0.001	0.00071 (J)			
1/22/2015		<0.001							
7/21/2015	<0.001		<0.001	<0.001	<0.001				
7/22/2015		<0.001				0.00059 (J)			
7/24/2015							<0.001	<0.001	
7/27/2015									<0.001
1/19/2016						0.0011 (J)			
1/20/2016		<0.001		<0.001			<0.001	0.00051 (J)	
1/21/2016	<0.001								
1/22/2016					<0.001				
1/26/2016									<0.001
7/21/2016	<0.001			<0.001		0.0019	<0.001	<0.001	

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
7/22/2016									<0.001
7/25/2016					<0.001				
7/26/2016		<0.001							
7/27/2016			<0.001						
1/17/2017				<0.001	<0.001	0.0015			
1/19/2017	<0.001	<0.001							
1/26/2017							<0.001	<0.001	<0.001
8/1/2017			<0.001		<0.001	0.00098 (J)			
8/2/2017		<0.001		<0.001					
8/3/2017	<0.001						<0.001	<0.001	
8/4/2017									<0.001
1/19/2018	<0.001	<0.001			<0.001	0.00081 (J)			
1/22/2018				<0.001					
1/23/2018							<0.001	<0.001	<0.001
6/19/2018	<0.001	<0.001		<0.001	<0.001	0.0009 (J)			
6/20/2018			<0.001						
6/25/2018							<0.001	<0.001	<0.001
1/17/2019	<0.001	<0.001		<0.001					
1/18/2019			<0.001			0.00061 (J)			
1/21/2019					<0.001				<0.001
1/30/2019							0.00016 (J)	0.0032 (O)	
6/24/2019	<0.001	<0.001		<0.001					
6/25/2019			<0.001		<0.001	0.0017			<0.001
6/26/2019							<0.001	<0.001	
9/9/2019	<0.001								
9/10/2019		<0.001		<0.001	<0.001	0.0015			<0.001
9/11/2019			<0.001						
9/12/2019							<0.001	<0.001	
3/10/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00099 (J)			
3/12/2020									<0.001
3/16/2020							<0.001	<0.001	
9/9/2020	<0.001		<0.001	<0.001	<0.001	0.00094 (J)	<0.001		
9/10/2020		<0.001							
9/11/2020								<0.001	
9/14/2020									<0.001
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	0.00085 (J)			
3/16/2021									<0.001
3/17/2021							<0.001	<0.001	
8/16/2021	<0.001				<0.001				
8/18/2021		<0.001	<0.001	<0.001		0.0013		<0.001	
8/19/2021							<0.001		<0.001
2/28/2022	<0.001								
3/1/2022		<0.001	<0.001	<0.001	<0.001				
3/2/2022						0.0013	<0.001	<0.001	<0.001
8/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001	0.001			
8/11/2022							<0.001	<0.001	<0.001
2/13/2023						0.0011			
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2023							<0.001	<0.001	
2/21/2023									<0.001
8/8/2023			<0.001			0.00097 (J)			
8/9/2023	<0.001	<0.001		<0.001	<0.001				<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/14/2023							<0.001	<0.001	
2/13/2024	<0.001								
2/14/2024		<0.001		<0.001	<0.001	0.0011	<0.001	<0.001	
2/21/2024									<0.001
7/29/2024				<0.001	<0.001				
7/30/2024	<0.001	<0.001				0.0009 (J)			
7/31/2024			<0.001				<0.001		
8/1/2024								<0.001	<0.001
2/10/2025				<0.001	<0.001				
2/11/2025	<0.001	<0.001				0.0012			
2/13/2025									<0.001
2/14/2025							<0.001		
2/18/2025								<0.001	

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.001
9/7/2011	<0.001	<0.001							
9/13/2011				<0.001	<0.001	<0.001	<0.001		
9/16/2011								<0.001	
10/26/2011									<0.001
10/27/2011							<0.001	<0.001	
10/28/2011				<0.001	<0.001	<0.001			
10/30/2011	<0.001	<0.001							
12/3/2011							<0.001	<0.001	<0.001
12/4/2011		<0.001		<0.001	<0.001	<0.001			
12/5/2011	<0.001								
1/19/2012	<0.001	<0.001							
1/24/2012					<0.001	<0.001	<0.001		
1/25/2012									<0.001
2/9/2012				<0.001				<0.001	
7/11/2012					<0.001	<0.001	<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001		<0.001					
1/7/2013	<0.001								
1/8/2013		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013								<0.001	<0.001
7/9/2013	<0.001	<0.001		<0.001					
7/10/2013					<0.001	<0.001	<0.001		
1/14/2014	<0.001	<0.001							<0.001
1/15/2014				<0.001					
1/21/2014					<0.001	<0.001	<0.001	<0.001	
6/24/2014	<0.001	<0.001						<0.001	
6/25/2014				<0.001					<0.001
7/1/2014					<0.001	<0.001	<0.001		
1/13/2015									<0.001
1/14/2015							<0.001	<0.001	
1/20/2015	<0.001	<0.001							
1/21/2015				<0.001	<0.001	<0.001			
7/22/2015							<0.001	<0.001	<0.001
7/27/2015	<0.001	<0.001							
7/28/2015				<0.001	<0.001	<0.001			
1/25/2016			<0.001						
1/26/2016	<0.001	<0.001		<0.001	<0.001				
1/27/2016						<0.001	0.00078 (J)	<0.001	<0.001
7/22/2016					<0.001				
7/25/2016		<0.001		<0.001					
7/26/2016	<0.001					<0.001	<0.001	<0.001	
7/27/2016			0.00017 (J)						<0.001
1/26/2017	<0.001								
1/31/2017		<0.001		<0.001	<0.001	<0.001			
2/1/2017			<0.001				<0.001	<0.001	<0.001
8/4/2017						<0.001		<0.001	
8/7/2017	<0.001	<0.001		<0.001	<0.001		<0.001		<0.001
8/8/2017			<0.001						
1/24/2018	<0.001	<0.001		<0.001	<0.001				
1/25/2018			<0.001			<0.001	<0.001	<0.001	<0.001
6/20/2018				<0.001		<0.001	<0.001	<0.001	<0.001
6/21/2018	<0.001	<0.001	<0.001						

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
6/26/2018					<0.001				
1/22/2019	<0.001	<0.001				<0.001	<0.001	<0.001	
1/24/2019				0.00033 (J)					
1/25/2019					0.00017 (J)				0.00035 (J)
1/31/2019			0.0055 (O)						
6/25/2019	<0.001	<0.001				<0.001	<0.001	<0.001	<0.001
6/26/2019			<0.001	<0.001	<0.001				
9/10/2019	<0.001								
9/11/2019					<0.001				<0.001
9/12/2019						<0.001	<0.001		
9/16/2019		<0.001		<0.001					
9/17/2019			<0.001					<0.001	
3/12/2020	<0.001					<0.001			
3/16/2020		<0.001		<0.001				<0.001	
3/17/2020			<0.001				<0.001		<0.001
3/18/2020					<0.001				
9/10/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/11/2020		<0.001							<0.001
9/14/2020	<0.001								
3/16/2021	<0.001	<0.001			<0.001				
3/17/2021				<0.001		<0.001	<0.001		<0.001
3/18/2021			<0.001					<0.001	
8/19/2021					<0.001				
8/20/2021	<0.001		<0.001						<0.001
8/23/2021				<0.001		<0.001	<0.001		
8/24/2021								<0.001	
8/25/2021		<0.001							
3/2/2022	<0.001								
3/7/2022				<0.001	<0.001		<0.001	<0.001	
3/8/2022			<0.001			<0.001			<0.001
3/9/2022		<0.001							
8/11/2022	<0.001								
8/15/2022				<0.001		<0.001			
8/16/2022		<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
2/15/2023	<0.001	<0.001	<0.001		<0.001				
2/17/2023							<0.001		
2/20/2023									<0.001
2/21/2023				<0.001		<0.001		<0.001	
8/9/2023	<0.001	<0.001							
8/10/2023			<0.001						
8/14/2023				<0.001	<0.001		<0.001	<0.001	<0.001
8/16/2023						<0.001			
2/14/2024				<0.001					
2/19/2024		<0.001				<0.001	<0.001		
2/20/2024			<0.001		<0.001				
2/21/2024	<0.001							<0.001	<0.001
7/30/2024	<0.001								
7/31/2024		<0.001	<0.001						
8/5/2024						<0.001			<0.001
8/6/2024				<0.001	<0.001		<0.001	<0.001	
2/11/2025									<0.001
2/13/2025	<0.001								

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/17/2025					<0.001		<0.001		
2/18/2025		<0.001		<0.001		<0.001		<0.001	
2/19/2025			<0.001						

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.001	<0.001	<0.001						
8/31/2011				<0.001	<0.001				
9/15/2011						<0.001			
9/16/2011							<0.001		
9/17/2011									<0.001
10/26/2011	<0.001	<0.001	<0.001						
10/27/2011	<0.001			<0.001	<0.001				
10/29/2011						<0.001	<0.001		
10/31/2011									<0.001
12/3/2011	<0.001	<0.001	<0.001						
12/4/2011				<0.001	<0.001				
12/13/2011						<0.001	<0.001		
12/14/2011									<0.001
1/25/2012	<0.001					<0.001			
1/31/2012							<0.001		
2/7/2012									<0.001
2/8/2012			<0.001	<0.001	<0.001				
2/9/2012		<0.001							
7/11/2012	<0.001	<0.001	<0.001	<0.001					
7/17/2012					<0.001				<0.001
7/18/2012						<0.001	<0.001		
1/8/2013	<0.001	<0.001	<0.001	<0.001					
1/9/2013					<0.001				
1/22/2013						<0.001	<0.001		
7/16/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/23/2013							<0.001		
7/24/2013									<0.001
1/14/2014	<0.001	<0.001							
1/21/2014			<0.001	<0.001	<0.001	<0.001			
1/22/2014							<0.001		
1/23/2014									<0.001
6/24/2014		<0.001	<0.001	<0.001	<0.001				
6/25/2014	<0.001					<0.001			
7/1/2014							<0.001		
7/8/2014								<0.001	<0.001
1/13/2015		<0.001	<0.001	<0.001	<0.001				
1/14/2015	<0.001					<0.001			
1/21/2015									<0.001
1/22/2015							<0.001		
7/23/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
7/28/2015	<0.001								
7/29/2015							<0.001		
7/30/2015									<0.001
7/31/2015								<0.001	
1/20/2016								<0.001	
1/21/2016							<0.001		<0.001
1/26/2016					<0.001	<0.001			
1/27/2016	<0.001	<0.001	<0.001	<0.001					
7/25/2016		<0.001	<0.001	<0.001					
7/26/2016					<0.001	<0.001			
7/27/2016	<0.001						<0.001	<0.001	<0.001
1/24/2017									<0.001

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/1/2017	<0.001	<0.001							
2/2/2017			<0.001	<0.001	<0.001				
2/3/2017						<0.001	<0.001	<0.001	
8/3/2017									<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
8/8/2017						<0.001	<0.001	<0.001	
1/25/2018	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
1/26/2018				<0.001	<0.001				
6/20/2018					<0.001	<0.001	<0.001		
6/21/2018		<0.001	<0.001	<0.001					
6/26/2018	<0.001								
6/27/2018								<0.001	<0.001
1/24/2019	0.00047 (J)				0.00063 (J)	0.00038 (J)			0.00034 (J)
1/25/2019							0.00039 (J)		
1/28/2019		<0.001	<0.001	<0.001					
1/31/2019								0.00069 (J)	
6/25/2019	<0.001			<0.001	<0.001	<0.001			<0.001
6/26/2019			<0.001				<0.001	<0.001	
6/27/2019		<0.001							
9/10/2019						<0.001			
9/11/2019	<0.001	<0.001		<0.001	<0.001			<0.001	<0.001
9/12/2019			<0.001				<0.001		
3/12/2020								<0.001	<0.001
3/17/2020	<0.001	<0.001							
3/18/2020			<0.001	<0.001	<0.001	<0.001	<0.001		
9/10/2020						<0.001	<0.001		
9/14/2020	<0.001	<0.001							<0.001
9/15/2020			<0.001	<0.001	<0.001			<0.001	
3/15/2021						<0.001			
3/16/2021	<0.001	<0.001		<0.001	<0.001				
3/17/2021			<0.001						<0.001
3/18/2021							<0.001	<0.001	
8/19/2021					<0.001	<0.001		<0.001	<0.001
8/20/2021	<0.001								
8/23/2021							<0.001		
8/24/2021		<0.001	<0.001	<0.001					
3/7/2022				<0.001	<0.001				
3/8/2022	<0.001	<0.001	<0.001			<0.001			<0.001
3/9/2022							<0.001		
3/10/2022								<0.001	
8/10/2022									<0.001
8/11/2022	<0.001	<0.001	<0.001						
8/16/2022				<0.001	<0.001		<0.001		
8/17/2022						<0.001			
8/18/2022								<0.001	
2/14/2023						<0.001			
2/16/2023								<0.001	
2/20/2023	<0.001	<0.001							
2/21/2023			<0.001		<0.001		<0.001		<0.001
2/22/2023				<0.001					
8/9/2023		<0.001	<0.001	<0.001	<0.001				
8/10/2023	<0.001								

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/14/2023						<0.001			
8/15/2023							<0.001		<0.001
8/16/2023								<0.001	
2/14/2024						<0.001			
2/19/2024					<0.001		<0.001		
2/20/2024	<0.001			<0.001					
2/21/2024		<0.001	<0.001						<0.001
2/22/2024								<0.001	
7/30/2024					<0.001		<0.001		
8/1/2024									<0.001
8/2/2024				<0.001					
8/6/2024			<0.001			<0.001		<0.001	
8/7/2024	<0.001	<0.001							
2/11/2025					<0.001	<0.001	<0.001		
2/13/2025	<0.001	<0.001							
2/14/2025			<0.001	<0.001				<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.001		<0.001			
9/16/2011						<0.001	<0.001	<0.001
9/17/2011	<0.001			<0.001				
10/28/2011			<0.001					
10/29/2011	<0.001	<0.001						
10/30/2011						<0.001		
10/31/2011				<0.001	<0.001		<0.001	<0.001
12/12/2011						<0.001	<0.001	<0.001
12/13/2011			<0.001		<0.001	<0.001		
12/14/2011	<0.001	<0.001						
1/25/2012		<0.001						
2/1/2012					<0.001	<0.001	<0.001	<0.001
2/7/2012	<0.001			<0.001				
2/8/2012			<0.001					
7/16/2012							<0.001	<0.001
7/17/2012	<0.001	<0.001			<0.001	<0.001		
7/18/2012			<0.001					
1/22/2013							<0.001	<0.001
1/23/2013				<0.001	<0.001	<0.001		
1/24/2013	<0.001	<0.001	<0.001					
7/2/2013								<0.001
7/17/2013						<0.001	<0.001	
7/24/2013	<0.001	<0.001	<0.001		<0.001			
1/21/2014								<0.001
1/23/2014	<0.001	<0.001	<0.001	0.00034 (J)	<0.001	<0.001	<0.001	
6/25/2014							<0.001	<0.001
7/1/2014			<0.001	0.0039 (O)	<0.001			
7/8/2014	<0.001	<0.001						
1/14/2015							<0.001	<0.001
1/20/2015			<0.001		<0.001	<0.001		
1/21/2015	<0.001	<0.001		<0.001				
7/28/2015								<0.001
7/29/2015						<0.001	<0.001	
7/30/2015		<0.001	<0.001		<0.001			
7/31/2015	<0.001							
1/19/2016			<0.001					
1/21/2016							<0.001	<0.001
1/22/2016		<0.001						
1/25/2016	<0.001			<0.001	<0.001	<0.001		
7/21/2016			<0.001				<0.001	<0.001
7/22/2016					<0.001	<0.001		
7/26/2016	<0.001	<0.001						
7/27/2016				0.0023				
1/19/2017	<0.001							
1/20/2017		<0.001						
1/24/2017			<0.001					
1/25/2017				0.00087		<0.001	<0.001	
1/26/2017					<0.001			<0.001
8/3/2017	<0.001	<0.001			<0.001		<0.001	<0.001
8/4/2017			<0.001	0.0005 (J)		<0.001		
1/19/2018		<0.001						
1/22/2018	<0.001							

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/23/2018				0.00023 (J)	<0.001	<0.001	<0.001	<0.001
1/24/2018			<0.001					
6/19/2018								<0.001
6/20/2018							<0.001	
6/21/2018			<0.001					
6/26/2018					<0.001	<0.001		
6/27/2018	<0.001	<0.001		0.00016 (J)				
1/21/2019								<0.001
1/24/2019	0.00019 (J)	0.00061 (J)						
1/28/2019							<0.001	
1/30/2019			<0.001		0.00019 (J)	0.00035 (J)		
1/31/2019				0.00036 (J)				
6/25/2019	<0.001							
6/26/2019		<0.001		<0.001		<0.001	<0.001	<0.001
6/27/2019			<0.001		<0.001			
9/10/2019			<0.001					
9/11/2019				0.0078 (O)			<0.001	
9/12/2019	<0.001	<0.001			<0.001	<0.001		<0.001
1/14/2020				0.00081 (J)				
3/11/2020			<0.001				<0.001	<0.001
3/12/2020		<0.001				<0.001		
3/13/2020	<0.001							
3/17/2020				0.00018 (J)				
3/18/2020					<0.001			
9/9/2020		<0.001						
9/10/2020			<0.001					
9/11/2020				<0.001			<0.001	<0.001
9/15/2020	<0.001				<0.001			
9/16/2020						<0.001		
3/16/2021				0.00024 (J)			<0.001	<0.001
3/17/2021	<0.001				<0.001			
3/18/2021		<0.001	<0.001			<0.001		
8/18/2021								<0.001
8/19/2021	<0.001							
8/23/2021		<0.001	<0.001					
8/24/2021					<0.001	<0.001	<0.001	
8/25/2021				<0.001				
3/2/2022			<0.001				<0.001	<0.001
3/8/2022		<0.001						
3/9/2022	<0.001				<0.001	<0.001		
3/10/2022				<0.001				
8/10/2022	<0.001	<0.001	<0.001		<0.001		<0.001	
8/15/2022						<0.001		<0.001
8/16/2022				<0.001				
2/14/2023			<0.001					
2/15/2023					<0.001			
2/20/2023		<0.001				<0.001	<0.001	<0.001
2/21/2023	<0.001							
2/22/2023				<0.001				
8/15/2023		<0.001			<0.001	<0.001		
8/16/2023	<0.001		<0.001	0.00072 (J)			<0.001	<0.001
2/20/2024	<0.001	<0.001			<0.001	<0.001		

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

Time Series

Constituent: Silver (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/21/2024			<0.001	<0.001				
2/22/2024							<0.001	<0.001
7/30/2024		<0.001						
7/31/2024						<0.001		
8/2/2024	<0.001			<0.001				
8/5/2024			<0.001				<0.001	<0.001
8/6/2024					<0.001			
2/11/2025		<0.001						
2/13/2025	<0.001		<0.001				<0.001	
2/18/2025				<0.001				<0.001
2/19/2025					<0.001	<0.001		

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					1.1423	8.4662			
3/23/2016	<1	1.001		9.0208					
3/28/2016							19.9405	11.0351	
3/29/2016									22.385 (JO)
3/31/2016			202.982 (O)						
5/19/2016				10		10			
5/20/2016	<1								
5/23/2016					1.44		21		
5/24/2016		0.576 (J)						12.8	85.8
5/25/2016			95.7						
7/21/2016	<1			10		13	17	16	
7/22/2016									86
7/25/2016					1.1				
7/26/2016		0.91 (J)							
7/27/2016			110						
9/14/2016				9.7					
9/15/2016	<1				0.99 (J)		16	15	84
9/16/2016		0.87 (J)							
11/9/2016					1.1				
11/10/2016		0.79 (J)		8.1					
11/11/2016	<1								
11/15/2016							15		
11/16/2016								15	89
1/17/2017				15	0.85 (J)	7.6			
1/19/2017	<1	0.87 (J)							
1/26/2017							13	16	85
3/15/2017						6.3			
3/16/2017	<1			9.1	1.2				
3/17/2017		1.8							
3/22/2017							13	13	81
4/27/2017				9.6	<1	8			
4/28/2017	<1	1.7							
5/2/2017							25	10	76
7/18/2017						6			
8/1/2017						7.7			
10/3/2017		1.9	150	9.8	1.4	7	21	11	74
10/4/2017	<1								
1/19/2018	<1	1.8			1.1	5.7			
1/22/2018				10					
1/23/2018							26	10	57
3/15/2018					0.74 (J)	5.6			
6/19/2018	<1	1		10	0.94 (J)	7			
6/20/2018			100						
6/25/2018							30	11	62
9/25/2018	<1	0.78 (J)		9.7	1.3	9.1		14	
10/2/2018									60
10/3/2018							29		
1/17/2019	0.5 (J)	2.5		9.4					
1/18/2019			34			6.4			
1/21/2019					1.6				64
1/30/2019							31	9.7	
6/24/2019	<1	0.91 (J)		10					

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/25/2019			<1		2.2	26			59
6/26/2019							31	9.3	
9/9/2019	<1								
9/10/2019		0.9 (J)		11	1.3	9.2			52
9/11/2019			43						
9/12/2019							34	14	
3/10/2020	1.7	2.5	16	12	3	6			
3/12/2020									52
3/16/2020							29	30	
9/9/2020	<1		29	9.4	1.4	6.5	27		
9/10/2020		1							
9/11/2020								12	
9/14/2020									45
3/15/2021	<1	1.5	36	7.7	0.95 (J)	6.8			
3/16/2021									45
3/17/2021							26	12	
8/16/2021	<1				1.1				
8/18/2021		0.9 (J)	51	9.7		6.7		13	
8/19/2021							29		45
2/28/2022	<1								
3/1/2022		2	64	9.6	1				
3/2/2022						6	28	13	41
8/9/2022	<1	0.54 (J)	48	10	0.7 (J)	7.8			
8/11/2022							26	14	38
2/13/2023						4.3			
2/14/2023	<1	2.5	70	9.3	1.2				
2/20/2023							25	9.8	
2/21/2023									40
8/8/2023			36			8.7			
8/9/2023	<1	1.2		10	1.2				36
8/14/2023							25	11	
2/13/2024	<1								
2/14/2024		6.7		8.2	0.61 (J)	3.3	25	8.9	
2/21/2024									45
7/29/2024				8.6	0.95 (J)				
7/30/2024	<1	2.5				6.3			
7/31/2024			69				31		
8/1/2024								14	31
2/10/2025				11	1				
2/11/2025	0.44 (J)	15				5.4			
2/13/2025									36
2/14/2025							35		
2/18/2025								12	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	15.2958	14.6203		<1	19.1889	2.8316			
3/30/2016			24.0688				7.2023	1.7296	0.5433 (J)
5/24/2016	18.5	14.7							
5/25/2016			20.7	<1	19.8	2.62	10.5	1.52	0.4393 (J)
7/22/2016					20				
7/25/2016		20		<1					
7/26/2016	19					2.7	38	1.2	
7/27/2016			28						<1
9/15/2016					20	2.6	13		
9/16/2016			29						<1
9/19/2016	31	22		<1					
9/20/2016								0.85 (J)	
11/16/2016	36	22		<1	19				
11/17/2016			40			2.2	18	0.83 (J)	<1
1/26/2017	49 (O)								
1/31/2017		44		3.7 (O)	23	2.6			
2/1/2017			40				8.2	1.9	<1
3/23/2017	21	29		1.5	23	2.6	10	1.6	
3/24/2017			28						<1
5/2/2017		18		<1					
5/3/2017	17		38		22	2.6	10	1.3	<1
10/3/2017		17							
10/4/2017			45	<1	22		22	1.4	
10/5/2017	16					2.5			<1
1/24/2018	10	14		<1	22				
1/25/2018			33			2.5	9.9	1.4	<1
6/20/2018				<1		2.5	18	2.1	<1
6/21/2018	11	13	21						
6/26/2018					23				
9/26/2018	20	17							
9/27/2018			28	<1					
9/28/2018					24				
10/1/2018							11	1.4	<1
10/2/2018						2.7			
1/22/2019	12	12				2.8	13	2	
1/24/2019				0.77 (J)					
1/25/2019					25				0.66 (J)
1/31/2019			20						
6/25/2019	14	11				3	13	2	0.84 (J)
6/26/2019			13	0.47 (J)	25				
9/10/2019	14								
9/11/2019					26				0.6 (J)
9/12/2019						2.2	22		
9/16/2019		16		<1					
9/17/2019			12					1.4	
3/12/2020	18					4.5			
3/16/2020		11		0.44 (J)				2.3	
3/17/2020			16				12		0.84 (J)
3/18/2020					25				
9/10/2020			17	<1	26	2.3	17	1.2	
9/11/2020		16							0.4 (J)
9/14/2020	15								

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/16/2021	17	9.2			29				
3/17/2021				<1		2.5	16		<1
3/18/2021			11					1.7	
8/19/2021					33				
8/20/2021	17		10						1
8/23/2021				<1		2	8.6		
8/24/2021								2	
8/25/2021		14							
3/2/2022	14								
3/7/2022				<1	40		16	3.1	
3/8/2022			13			3.3			1.1
3/9/2022		6.6							
8/11/2022	19								
8/15/2022				<1		1.8			
8/16/2022		27	8.5		36		18	1.1	<1
2/15/2023	14	9.4	8.5		32				
2/17/2023							5.7		
2/20/2023									<1
2/21/2023				0.43 (J)		1.8		1.1	
8/9/2023	19	25							
8/10/2023			6.9						
8/14/2023				0.5 (J)	30		2.7	1.3	0.43 (J)
8/16/2023						2			
2/14/2024				0.9 (J)					
2/19/2024		16				3.7	7.7		
2/20/2024			13		37				
2/21/2024	19							4.1	<1
7/30/2024	20								
7/31/2024		17	8.2						
8/5/2024						1.8			<1
8/6/2024				<1	30		9.3 (J)	2	
2/11/2025									1.1
2/13/2025	52								
2/17/2025					37		7.8		
2/18/2025		14		1.6		2.3		2.4	
2/19/2025			10						

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									8.3151
3/29/2016							0.5302 (J)		
3/30/2016	0.8313 (J)	0.6239 (J)	2.3237	1.0356	0.3269 (J)			1.0189	
3/31/2016						0.3648 (J)			
5/25/2016	0.795 (J)						0.3659 (J)	0.6811 (J)	
5/26/2016		0.598 (J)	0.574 (J)	0.979 (J)	<10	0.562 (J)			4.31
7/25/2016		<1	<1	0.94 (J)					
7/26/2016					<10	<1			
7/27/2016	0.7 (J)						<1	<1	6.1
9/16/2016								<1	
9/19/2016	<5	<1	<1						11
9/20/2016				0.83 (J)	<10	<1	<1		
11/15/2016									18
11/17/2016	0.75 (J)	<1	<1	0.71 (J)	<10	<1			
11/18/2016							<1	<1	
1/24/2017									26 (O)
2/1/2017	<5	<1							
2/2/2017			8.6 (O)	0.82 (J)	<10				
2/3/2017						<1	<1	<1	
3/23/2017									23 (O)
3/24/2017	<5	<1	2.5						
3/28/2017				0.75 (J)	<10	<1	<1		
3/29/2017								<1	
5/2/2017									27 (O)
5/3/2017	<5	<1	0.88 (J)			<1			
5/4/2017				1.1	<10		<1	<1	
10/4/2017	<5								
10/5/2017		<1	0.81 (J)			<1	<1	<1	16
10/6/2017				0.79 (J)	<10				
1/25/2018	<5	<1	0.77 (J)			<1	<1	<1	15
1/26/2018				<1	<10				
6/20/2018					<10	<1	<1		
6/21/2018		<1	<1	1.3					
6/26/2018	<5								
6/27/2018								<1	12
9/26/2018									12
9/27/2018			<1	1.2	<10				
9/28/2018		<1						<1	
10/1/2018						<1	<1		
10/2/2018	<5								
1/24/2019	0.88 (J)				<10	0.81 (J)			1.4
1/25/2019							0.38 (J)		
1/28/2019		0.69 (J)	1.2	0.9 (J)					
1/31/2019								<1	
6/25/2019	1.1			0.99 (J)	<10	0.76 (J)			1.6
6/26/2019			0.88 (J)				0.64 (J)	0.71 (J)	
6/27/2019		0.85 (J)							
9/10/2019						<1			
9/11/2019	0.99 (J)	0.7 (J)		1.1	0.42 (J)			0.59 (J)	5.7
9/12/2019			0.39 (J)				0.54 (J)		
3/12/2020								2.3	9.7
3/17/2020	1.2	1							

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/18/2020			1.1	0.72 (J)	<10	0.65 (J)	<1		
9/10/2020						0.54 (J)	<1		
9/14/2020	0.92 (J)	0.7 (J)							3.8
9/15/2020			0.53 (J)	0.83 (J)	<10			0.53 (J)	
3/15/2021						<1			
3/16/2021	<5	<1		<1	<10				
3/17/2021			<1						7.2
3/18/2021							<1	<1	
8/19/2021					<10	1.2		0.77 (J)	7.2
8/20/2021	1.1								
8/23/2021							<1		
8/24/2021		0.89 (J)	2.5	0.88 (J)					
3/7/2022				1.3	1.1				
3/8/2022	1	1.1	0.94 (J)			<1			5.4
3/9/2022							0.76 (J)		
3/10/2022								0.83 (J)	
8/10/2022									5.2
8/11/2022	<5	<1	<1						
8/16/2022				0.58 (J)	<10		<1		
8/17/2022						<1			
8/18/2022								<1	
2/14/2023						0.54 (J)			
2/16/2023								0.4 (J)	
2/20/2023	0.5 (J)	0.41 (J)							
2/21/2023			0.52 (J)		<10		<1		7.4
2/22/2023				0.65 (J)					
8/9/2023		0.64 (J)	0.48 (J)	0.78 (J)	<10				
8/10/2023	0.61 (J)								
8/14/2023						0.53 (J)			
8/15/2023							0.44 (J)		5.7
8/16/2023								0.6 (J)	
2/14/2024						0.62 (J)			
2/19/2024					0.98 (J)		1.5		
2/20/2024	4.7			2.6					
2/21/2024		1.1	1.2						9.6
2/22/2024								0.57 (J)	
7/30/2024					<10		<1		
8/1/2024									11
8/2/2024				<1					
8/6/2024			0.59 (J)			0.59 (J)		<1	
8/7/2024	<5	<1							
2/11/2025					0.46 (J)	0.87 (J)	0.73 (J)		
2/13/2025	0.84 (J)	0.71 (J)							
2/14/2025			1.3	0.65 (J)				0.57 (J)	6.3

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		1.3897	1.3729		12.8473	19.6956		
3/24/2016	0.4337 (J)						1.8782	2.7482
3/30/2016				15.0114				
5/20/2016			1.31					
5/23/2016							1.44	2.76
5/24/2016		0.598 (J)			13.5			
5/25/2016	0.3421 (J)			19.1				
7/21/2016			1.3				1.6	2.8
7/22/2016					12			
7/26/2016	<1	3						
9/15/2016							1.6	2.4
9/16/2016					12			
9/19/2016	<1	1.6						
9/20/2016			1.3					
11/11/2016		3						
11/14/2016	<1		1.1					
11/15/2016					13		1.3	2.3
11/17/2016						22		
1/19/2017	<1							
1/20/2017		2.2						
1/24/2017			1.3					
1/25/2017				13		50 (O)	1.5	
1/26/2017					9.2			2.7
3/16/2017	<1	0.95 (J)						
3/17/2017			1.3					
3/22/2017							1.5	2.4
3/23/2017						28		
3/24/2017					9.2			
4/28/2017		2.1						
5/1/2017	<1		1.2			25	1.4	
5/2/2017					9			2.5
7/19/2017				15		22		
8/4/2017						25		
8/24/2017						19		
9/6/2017				76 (Jo)		<100 (o)		
10/3/2017		<1					1.4	2.5
10/4/2017	<1		1.2					
10/5/2017						18		
10/6/2017				19	8.8			
1/19/2018		1.4						
1/22/2018	<1							
1/23/2018				15	9.4	14	1.2	2.4
1/24/2018			1					
3/16/2018		<1		12	9.1			
6/19/2018								2.7
6/20/2018							1.7	
6/21/2018			1					
6/26/2018					12	9.2		
6/27/2018	<1	1.7		14				
9/27/2018	<1	2.5						
10/1/2018								2.8
10/2/2018					9.7	11	1.4	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
10/3/2018			1.2	18				
1/21/2019								2.7
1/24/2019	0.57 (J)	0.39 (J)						
1/28/2019							1.6	
1/30/2019			1.2		11	14		
1/31/2019				10				
6/25/2019	0.78 (J)							
6/26/2019		3.2		9.9		10	1.9	2.8
6/27/2019			1.7		9.9			
9/10/2019			1.3					
9/11/2019							1.6	
9/12/2019	<1	0.82 (J)			9.7	12		2.3
3/11/2020			3.3				3.8	4.7
3/12/2020		2				11		
3/13/2020	1.8							
3/17/2020				7.3				
3/18/2020					8.8			
9/9/2020		2.4						
9/10/2020			1					
9/11/2020				15			1.2	2
9/15/2020	0.45 (J)				9.9			
9/16/2020						7		
3/16/2021				11			1.3	2.2
3/17/2021	<1				9.1			
3/18/2021		2.3	1.1			9.1		
8/18/2021								2.7
8/19/2021	0.82 (J)							
8/23/2021		0.78 (J)	1.2					
8/24/2021					10	8.1	1.4	
8/25/2021				12				
3/2/2022			1.4				1.6	3.2
3/8/2022		1.6						
3/9/2022	<1				7.6	7.4		
3/10/2022				8.9				
8/10/2022	<1	1.7	0.79 (J)		8.7		0.89 (J)	
8/15/2022						7.7		2.4
8/16/2022				11				
2/14/2023			1					
2/15/2023					8.3			
2/20/2023		0.47 (J)				7.5	1	2.2
2/21/2023	<1							
2/22/2023				9.8				
8/15/2023		1.7			9.1	7.6		
8/16/2023	0.47 (J)		1.1	9.6			1.2	3.5
2/20/2024	1.3	2.5			11	11		
2/21/2024			2.5	11				
2/22/2024							2.5	4.7
7/30/2024		1.8						
7/31/2024						7.5		
8/2/2024	0.8 (J)							
8/5/2024			1				1.5	4.5
8/6/2024					2.8			

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/11/2025		1.9						
2/13/2025	0.53 (J)		1.2				1.3	
2/18/2025				8.8				7
2/19/2025					7.2	8.6		

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/22/2016					69	92			
3/23/2016	<10	41		139					
3/28/2016							172	92	
3/29/2016									517
3/31/2016			401						
5/19/2016				175		99			
5/20/2016	<10								
5/23/2016					92		189		
5/24/2016		51						115	494
5/25/2016			150						
7/21/2016	14			170		100	170	120	
7/22/2016									430
7/25/2016					38				
7/26/2016		8							
7/27/2016			250						
9/14/2016				150					
9/15/2016	12				64		180	130	460
9/16/2016		40							
11/9/2016					80				
11/10/2016		58		180					
11/11/2016	4 (J)								
11/15/2016							180		
11/16/2016								150	500
1/17/2017				130	54	66			
1/19/2017	<10	28							
1/26/2017							120	74	440
3/15/2017						88			
3/16/2017	14			180	40				
3/17/2017		<5							
3/22/2017							110	120	440
4/27/2017				160	84	92			
4/28/2017	<10	<5							
5/2/2017							140	82	420
7/18/2017						84			
8/1/2017						60			
10/3/2017		36	410	140	70	46	170	100	450
10/4/2017	34								
1/19/2018	<10	10			36	4 (J)			
1/22/2018				140					
1/23/2018							210	120	390
6/19/2018	16	<5		160	70	66			
6/20/2018			230						
6/25/2018							200	110	400
9/25/2018	24	32		130	36	80		120	
10/2/2018									440
10/3/2018							230		
1/17/2019	20	46		160					
1/18/2019			140			81			
1/21/2019					58				340
1/30/2019							220	120	
6/24/2019	21	72		170					
6/25/2019			130		88	97			400

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
6/26/2019							120	41	
9/9/2019	16								
9/10/2019		52		190	86	120			380
9/11/2019			130						
9/12/2019							230	170	
3/10/2020	12	43	170	190	40	50			
3/12/2020									360
3/16/2020							210	110	
9/9/2020	12		150	170	43	58	210		
9/10/2020		40							
9/11/2020								160	
9/14/2020									380
3/15/2021	<10	39	170	120	54	77			
3/16/2021									390
3/17/2021							180	110	
8/16/2021	15				50				
8/18/2021		50	170	150		76		140	
8/19/2021							220		380
2/28/2022	25								
3/1/2022		26	180	140	72				
3/2/2022						85	180	130	370
8/9/2022	21	52	180	190	85	93			
8/11/2022							190	120	370
2/13/2023						88			
2/14/2023	17	43	160	150	90				
2/20/2023							200	130	
2/21/2023									370
8/8/2023			220			97			
8/9/2023	<10	47		160	76				330
8/14/2023							210	130	
2/13/2024	18								
2/14/2024		46		170	82	84	210	130	
2/21/2024									350
7/29/2024				150	81				
7/30/2024	16	48				83			
7/31/2024			190				210		
8/1/2024								130	340
2/10/2025				170	91				
2/11/2025	22	57				84			
2/13/2025									320
2/14/2025							220		
2/18/2025								120	

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/29/2016	172	93		163	151	48			
3/30/2016			177				165	94	75
5/24/2016	196	162							
5/25/2016			181	197	175	61	233	90	91
7/22/2016					130				
7/25/2016		200		220					
7/26/2016	160					40	330	64	
7/27/2016			210						76
9/15/2016					160	54	350		
9/16/2016			190						78
9/19/2016	220	340 (O)		240					
9/20/2016								72	
11/16/2016	240	280 (O)		200	230				
11/17/2016			240			64	440	46	110
1/26/2017	130								
1/31/2017		160		110	170	36			
2/1/2017			120				150	70	70
3/23/2017	190	230		140	220	76	250	100	
3/24/2017			180						100
5/2/2017		150		180					
5/3/2017	160		170		150	32	190	84	18
10/3/2017		190							
10/4/2017			230	210	190		520	60	
10/5/2017	200					42			10
1/24/2018	94	160		130	210				
1/25/2018			190			48	160	86	56
6/20/2018				140		12	310	64	84
6/21/2018	210	150	32						
6/26/2018					200				
9/26/2018	180	130							
9/27/2018			200	130					
9/28/2018					180				
10/1/2018							250	94	86
10/2/2018						72			
1/22/2019	86	68				42	200	79	
1/24/2019				<10					
1/25/2019					170				51
1/31/2019			150						
6/25/2019	200	160				56	280	99	91
6/26/2019			46	87	140				
9/10/2019	220								
9/11/2019					220				85
9/12/2019						73	470		
9/16/2019		190		190					
9/17/2019			120					75	
3/12/2020	140					56			
3/16/2020		100		46				100	
3/17/2020			140				370		93
3/18/2020					200				
9/10/2020			170	160	220	44	390	79	
9/11/2020		160							83
9/14/2020	190								

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/16/2021	170	100			250				
3/17/2021				170		42	430		91
3/18/2021			130					86	
8/19/2021					240				
8/20/2021	170		140						83
8/23/2021				190		56	290		
8/24/2021								80	
8/25/2021		130							
3/2/2022	150								
3/7/2022				130	220		320	80	
3/8/2022			130			38			70
3/9/2022		82							
8/11/2022	190								
8/15/2022				170		64			
8/16/2022		140	150		250		380	84	95
2/15/2023	130	64	130		220				
2/17/2023							260		
2/20/2023									90
2/21/2023				40		58		79	
8/9/2023	180	120							
8/10/2023			120						
8/14/2023				130	250		280	84	98
8/16/2023						57			
2/14/2024				60					
2/19/2024		69				57	290		
2/20/2024			120		220				
2/21/2024	130							89	91
7/30/2024	140								
7/31/2024		92	130						
8/5/2024						63			95
8/6/2024				63	270		360	78	
2/11/2025									110
2/13/2025	160								
2/17/2025					260		230		
2/18/2025		75		130		63		100	
2/19/2025			120						

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/28/2016									90
3/29/2016							53		
3/30/2016	97	84	69	88	42			39	
3/31/2016						102			
5/25/2016	97						33	30	
5/26/2016		80	75	65	42	108			75
7/25/2016		54	44	80					
7/26/2016					48	82			
7/27/2016	110						30	28	78
9/16/2016								22	
9/19/2016	110	96	74						100
9/20/2016				84	56	100	42		
11/15/2016									110
11/17/2016	74	42	34	84	34	110			
11/18/2016							4 (J)	28	
1/24/2017									96
2/1/2017	100	66							
2/2/2017			96	100	36				
2/3/2017						110	20	26	
3/23/2017									96
3/24/2017	110	88	82						
3/28/2017				82	48	98	38		
3/29/2017								28	
5/2/2017									100
5/3/2017	28	64	42			98			
5/4/2017				88	22		54	30	
10/4/2017	84								
10/5/2017		50	50			<5	26	12	86
10/6/2017				120	70				
12/1/2017				100	42				
1/25/2018	72	70	60			98	32	20	100
1/26/2018				96	52				
6/20/2018					36	94	54		
6/21/2018		84	76	78					
6/26/2018	72								
6/27/2018								24	60
9/26/2018									60
9/27/2018			62	110	56				
9/28/2018		74						16	
10/1/2018						100	140 (O)		
10/2/2018	120								
1/24/2019	82				42	100			54
1/25/2019							<10		
1/28/2019		77	69	95					
1/31/2019								30	
6/25/2019	110			100	63	110			58
6/26/2019			<10				44	<10	
6/27/2019		77							
9/10/2019						120			
9/11/2019	92	64		74	16			<10	53
9/12/2019			87				58		
3/12/2020								23	76

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/17/2020	84	90							
3/18/2020			64	78	49	93	29		
9/10/2020						100	40		
9/14/2020	91	96							44
9/15/2020			51	82	54			21	
3/15/2021						89			
3/16/2021	99	93		100	65				
3/17/2021			67						56
3/18/2021							29	20	
8/19/2021					84	120		30	81
8/20/2021	98								
8/23/2021							47		
8/24/2021		99	85	96					
3/7/2022				72	43				
3/8/2022	87	72	61			89			59
3/9/2022							40		
3/10/2022								15	
8/10/2022									77
8/11/2022	100	92	74						
8/16/2022				100	68		42		
8/17/2022						110			
8/18/2022								25	
2/14/2023						110			
2/16/2023								19	
2/20/2023	100	88							
2/21/2023			79		50		44		74
2/22/2023				98					
8/9/2023		91	71	94	80				
8/10/2023	100								
8/14/2023						110			
8/15/2023							45		85
8/16/2023								28	
2/14/2024						110			
2/19/2024					53		43		
2/20/2024	100			100					
2/21/2024		93	81						82
2/22/2024								45	
7/30/2024					62		43		
8/1/2024									82
8/2/2024				100					
8/6/2024			74			110		31	
8/7/2024	100	90							
2/11/2025					68	110	43		
2/13/2025	120	96							
2/14/2025			77	99				26	75

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016		46	51		75	80		
3/24/2016	48						55	33
3/30/2016				128				
5/20/2016			58					
5/23/2016							61	48
5/24/2016		34			83			
5/25/2016	42			118				
7/21/2016			42				32	36
7/22/2016					76			
7/26/2016	20	16						
9/15/2016							62	38
9/16/2016					84			
9/19/2016	48	52						
9/20/2016			52					
11/11/2016		56						
11/14/2016	40		38					
11/15/2016					94		56	44
11/17/2016						140		
1/19/2017	10							
1/20/2017		38						
1/24/2017			36					
1/25/2017				120		160	<5	
1/26/2017					68			<5
3/16/2017	<5	32						
3/17/2017			48					
3/22/2017							58	34
3/23/2017						120		
3/24/2017					110			
4/28/2017		46						
5/1/2017	10		10			72	22	
5/2/2017					76			4 (J)
7/19/2017				100		120		
8/4/2017						90		
8/24/2017						82		
9/6/2017				90		58		
10/3/2017		12					16	26
10/4/2017	60		74					
10/5/2017						74		
10/6/2017				120	130			
12/1/2017					110			
1/19/2018		<10						
1/22/2018	40							
1/23/2018				70	110	100	64	56
1/24/2018			10					
6/19/2018								28
6/20/2018							<5	
6/21/2018			28					
6/26/2018					66	100		
6/27/2018	8	54		92				
9/27/2018	86	58						
10/1/2018								40
10/2/2018					100	120	98	

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
10/3/2018			42	86				
1/21/2019								17
1/24/2019	34	<10						
1/28/2019							33	
1/30/2019			53		91	100		
1/31/2019				160				
6/25/2019	49							
6/26/2019		<10		110		100	61	46
6/27/2019			30		47			
9/10/2019			46					
9/11/2019							20	
9/12/2019	61	50			100	110		51
3/11/2020			44				36	42
3/12/2020		26				120		
3/13/2020	32							
3/17/2020				86				
3/18/2020					120			
9/9/2020		52						
9/10/2020			40					
9/11/2020				110			36	32
9/15/2020	43				92			
9/16/2020						94		
3/16/2021				96			46	42
3/17/2021	35				79			
3/18/2021		34	49			93		
8/18/2021								50
8/19/2021	50							
8/23/2021		30	54					
8/24/2021					94	100	44	
8/25/2021				110				
3/2/2022			41				42	28
3/8/2022		25						
3/9/2022	28				74	97		
3/10/2022				87				
8/10/2022	39	46	54		90		53	
8/15/2022						92		52
8/16/2022				74				
2/14/2023			53					
2/15/2023					79			
2/20/2023		34				87	48	53
2/21/2023	42							
2/22/2023				90				
8/15/2023		51			84	100		
8/16/2023	46		55	100			52	64
2/20/2024	42	40			83	97		
2/21/2024			56	90				
2/22/2024							56	81
7/30/2024		44						
7/31/2024						96		
8/2/2024	39							
8/5/2024			55				53	93
8/6/2024					90			

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

Time Series

Constituent: TDS (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/11/2025		40						
2/13/2025	39		57				52	
2/18/2025				79				82
2/19/2025					80	95		

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.001	<0.001			<0.001	<0.001	
9/7/2011									<0.001
9/16/2011	<0.001				<0.001				
9/17/2011		<0.001				<0.001			
10/27/2011	<0.001	<0.001		<0.001			<0.001		
10/28/2011					<0.001	<0.001			
10/30/2011								<0.001	<0.001
12/5/2011							<0.001	<0.001	<0.001
12/12/2011					<0.001	<0.001			
12/13/2011	<0.001								
12/14/2011		<0.001		<0.001					
1/25/2012					<0.001		<0.001	<0.001	<0.001
1/31/2012	<0.001					<0.001			
2/1/2012				<0.001					
2/7/2012		<0.001							
7/16/2012					<0.001				
7/17/2012						<0.001			
7/18/2012	<0.001						<0.001		<0.001
7/23/2012		<0.001		<0.001				<0.001	
7/24/2012								<0.001	
1/7/2013									<0.001
1/8/2013								<0.001	
1/9/2013							<0.001		
1/23/2013		<0.001		<0.001					
1/24/2013	<0.001				<0.001	<0.001			
7/9/2013								<0.001	<0.001
7/17/2013	<0.001			<0.001			<0.001		
7/23/2013					<0.001				
7/24/2013		<0.001				<0.001			
1/14/2014									<0.001
1/15/2014				<0.001			<0.001	<0.001	
1/21/2014	<0.001								
1/22/2014		<0.001			<0.001	<0.001			
6/24/2014									<0.001
6/25/2014	<0.001		<0.001	<0.001			<0.001	<0.001	
7/1/2014		<0.001			<0.001				
7/8/2014						<0.001			
1/13/2015							<0.001		
1/14/2015	<0.001			0.0001 (J)					
7/21/2015	<0.001		<0.001	0.0001 (J)	<0.001				
7/22/2015		<0.001				<0.001			
7/24/2015							<0.001	7E-05 (J)	
1/19/2016						<0.001			
1/20/2016		<0.001		<0.001			<0.001	6.7E-05 (J)	
1/21/2016	<0.001								
1/22/2016					<0.001				
1/26/2016									8.5E-05 (J)
3/22/2016					<0.001	<0.001			
3/23/2016	<0.001	<0.001		<0.001					
3/28/2016							<0.001	<0.001	
3/29/2016									<0.001
3/31/2016			<0.001						

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
5/19/2016				<0.001		<0.001			
5/20/2016	<0.001								
5/23/2016					<0.001		<0.001		
5/24/2016		<0.001						<0.001	<0.001
5/25/2016			<0.001						
7/21/2016	<0.001			<0.001		<0.001	<0.001	<0.001	
7/22/2016									<0.001
7/25/2016					<0.001				
7/26/2016		<0.001							
7/27/2016			<0.001						
9/14/2016				<0.001					
9/15/2016	<0.001				<0.001		<0.001	<0.001	<0.001
9/16/2016		<0.001							
11/9/2016					<0.001				
11/10/2016		<0.001		<0.001					
11/11/2016	<0.001								
11/15/2016							<0.001		
11/16/2016								0.00012 (J)	<0.001
1/17/2017				<0.001	<0.001	<0.001			
1/19/2017	<0.001	<0.001							
1/26/2017							<0.001	<0.001	<0.001
3/15/2017						<0.001			
3/16/2017	<0.001			<0.001	<0.001				
3/17/2017		<0.001							
3/22/2017							<0.001	<0.001	<0.001
4/27/2017				<0.001	<0.001	<0.001			
4/28/2017	<0.001	<0.001							
5/2/2017							<0.001	<0.001	<0.001
7/18/2017						<0.001			
8/1/2017			<0.001		<0.001	<0.001			
8/2/2017		<0.001		<0.001					
8/3/2017	<0.001						<0.001	<0.001	
8/4/2017									<0.001
10/3/2017			<0.001						
1/19/2018	<0.001	<0.001			<0.001	<0.001			
1/22/2018				<0.001					
1/23/2018							<0.001	<0.001	<0.001
6/19/2018	<0.001	<0.001		<0.001	<0.001	<0.001			
6/20/2018			<0.001						
6/25/2018							<0.001	0.00011 (J)	<0.001
1/17/2019	6.6E-05 (J)	<0.001		<0.001					
1/18/2019			<0.001			<0.001			
1/21/2019					<0.001				<0.001
1/30/2019							<0.001	<0.001	
6/24/2019	0.0002 (J)	<0.001		<0.001					
6/25/2019			<0.001		<0.001	<0.001			<0.001
6/26/2019							<0.001	<0.001	
9/9/2019	0.00015 (J)								
9/10/2019		<0.001		<0.001	<0.001	<0.001			<0.001
9/11/2019			<0.001						
9/12/2019							<0.001	0.00017 (J)	
3/10/2020	0.00029 (J)	0.00018 (J)	<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
3/12/2020									<0.001
3/16/2020							<0.001	0.00015 (J)	
9/9/2020	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		
9/10/2020		<0.001							
9/11/2020								0.00025 (J)	
9/14/2020									<0.001
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/16/2021									<0.001
3/17/2021							<0.001	<0.001	
8/16/2021	<0.001				<0.001				
8/18/2021		<0.001	<0.001	<0.001		<0.001		<0.001	
8/19/2021							<0.001		<0.001
2/28/2022	<0.001								
3/1/2022		<0.001	<0.001	<0.001	<0.001				
3/2/2022						<0.001	<0.001	<0.001	<0.001
8/9/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/11/2022							<0.001	<0.001	<0.001
2/13/2023						<0.001			
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001				
2/20/2023							<0.001	<0.001	
2/21/2023									<0.001
8/8/2023			<0.001			<0.001			
8/9/2023	<0.001	<0.001		<0.001	<0.001				<0.001
8/14/2023							<0.001	<0.001	
2/13/2024	<0.001								
2/14/2024		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/21/2024									<0.001
7/29/2024				<0.001	<0.001				
7/30/2024	<0.001	<0.001				<0.001			
7/31/2024			<0.001				<0.001		
8/1/2024								<0.001	<0.001
2/10/2025				<0.001	<0.001				
2/11/2025	<0.001	<0.001				<0.001			
2/13/2025									<0.001
2/14/2025							<0.001		
2/18/2025								<0.001	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									<0.001
9/7/2011	<0.001	<0.001							
9/13/2011				<0.001	<0.001	<0.001	<0.001		
9/16/2011								<0.001	
10/26/2011									<0.001
10/27/2011							<0.001	<0.001	
10/28/2011				<0.001	<0.001	<0.001			
10/30/2011	<0.001	<0.001							
12/3/2011							<0.001	<0.001	<0.001
12/4/2011		<0.001		<0.001	<0.001	<0.001			
12/5/2011	<0.001								
1/19/2012	<0.001	<0.001							
1/24/2012					<0.001	<0.001	<0.001		
1/25/2012									<0.001
2/9/2012				<0.001				<0.001	
7/11/2012					<0.001	<0.001	<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001		<0.001					
1/7/2013	<0.001								
1/8/2013		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013								<0.001	<0.001
7/9/2013	<0.001	<0.001		<0.001					
7/10/2013					<0.001	<0.001	<0.001		
1/14/2014	<0.001	<0.001							<0.001
1/15/2014				<0.001					
1/21/2014					<0.001	<0.001	0.0002 (J)	<0.001	
6/24/2014	<0.001	<0.001						<0.001	
6/25/2014				<0.001					<0.001
7/1/2014					<0.001	<0.001	0.0001 (J)		
1/13/2015									<0.001
1/14/2015							0.0002 (J)	<0.001	
7/22/2015							0.0003 (JO)	<0.001	<0.001
1/25/2016			<0.001						
1/26/2016	<0.001	7.3E-05 (J)		<0.001	<0.001				
1/27/2016						<0.001	0.000616 (J)	<0.001	<0.001
3/29/2016	<0.001	<0.001		<0.001	<0.001	<0.001			
3/30/2016			<0.001				0.000411 (J)	<0.001	<0.001
5/24/2016	<0.001	<0.001							
5/25/2016			<0.001	<0.001	<0.001	<0.001	0.000445 (J)	<0.001	<0.001
7/22/2016					<0.001				
7/25/2016		<0.001		<0.001					
7/26/2016	<0.001					<0.001	0.0013	<0.001	
7/27/2016			<0.001						<0.001
9/15/2016					<0.001	<0.001	0.00033 (J)		
9/16/2016			<0.001						<0.001
9/19/2016	<0.001	0.00026 (J)		<0.001					
9/20/2016								<0.001	
11/16/2016	9E-05 (J)	0.00015 (J)		<0.001	<0.001				
11/17/2016			<0.001			<0.001	0.00041 (J)	<0.001	<0.001
1/26/2017	0.00012 (J)								
1/31/2017		<0.001		<0.001	<0.001	<0.001			
2/1/2017			<0.001				0.00041 (J)	<0.001	<0.001
3/23/2017	<0.001	<0.001		<0.001	<0.001	<0.001	0.0004 (J)	<0.001	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
3/24/2017			<0.001						<0.001
5/2/2017		<0.001		<0.001					
5/3/2017	0.00016 (J)		<0.001		<0.001	<0.001	0.00058	<0.001	<0.001
8/4/2017						<0.001		<0.001	
8/7/2017	0.0001 (J)	<0.001		<0.001	<0.001		0.00046 (J)		<0.001
8/8/2017			<0.001						
1/24/2018	<0.001	<0.001		<0.001	<0.001				
1/25/2018			<0.001			<0.001	0.00049 (J)	<0.001	<0.001
6/20/2018				<0.001		<0.001	0.00038 (J)	<0.001	<0.001
6/21/2018	<0.001	<0.001	<0.001						
6/26/2018					<0.001				
1/22/2019	<0.001	<0.001				<0.001	0.00047 (J)	<0.001	
1/24/2019				<0.001					
1/25/2019					<0.001				<0.001
1/31/2019			<0.001						
6/25/2019	<0.001	<0.001				<0.001	0.00046 (J)	<0.001	<0.001
6/26/2019			<0.001	<0.001	<0.001				
9/10/2019	<0.001								
9/11/2019					<0.001				<0.001
9/12/2019						<0.001	0.00047 (J)		
9/16/2019		<0.001		<0.001					
9/17/2019			<0.001					<0.001	
3/12/2020	0.00064 (J)					<0.001			
3/16/2020		0.00044 (J)		0.00067 (J)				0.00025 (J)	
3/17/2020			<0.001				0.00055 (J)		<0.001
3/18/2020					0.00037 (J)				
9/10/2020			<0.001	<0.001	<0.001	0.00022 (J)	0.00053 (J)	0.00034 (J)	
9/11/2020		0.00017 (J)							<0.001
9/14/2020	<0.001								
3/16/2021	<0.001	0.00017 (J)			<0.001				
3/17/2021				<0.001		<0.001	0.00043 (J)		<0.001
3/18/2021			<0.001					<0.001	
8/19/2021					0.00032 (J)				
8/20/2021	0.00028 (J)		<0.001						<0.001
8/23/2021				<0.001		<0.001	0.00055 (J)		
8/24/2021								<0.001	
8/25/2021		<0.001							
3/2/2022	<0.001								
3/7/2022				<0.001	<0.001		<0.001	<0.001	
3/8/2022			<0.001			<0.001			<0.001
3/9/2022		<0.001							
8/11/2022	<0.001								
8/15/2022				<0.001		<0.001			
8/16/2022		0.00026 (J)	<0.001		<0.001		0.00039 (J)	<0.001	<0.001
2/15/2023	<0.001	<0.001	<0.001		<0.001				
2/17/2023							0.00044 (J)		
2/20/2023									<0.001
2/21/2023				<0.001		<0.001		<0.001	
8/9/2023	<0.001	<0.001							
8/10/2023			<0.001						
8/14/2023				<0.001	<0.001		0.00079 (J)	<0.001	<0.001
8/16/2023						<0.001			

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/14/2024				<0.001					
2/19/2024		<0.001				<0.001	0.00058 (J)		
2/20/2024			<0.001		<0.001				
2/21/2024	<0.001							<0.001	<0.001
7/30/2024	<0.001								
7/31/2024		0.00046 (J)	<0.001						
8/5/2024						<0.001			<0.001
8/6/2024				<0.001	<0.001		0.00047 (J)	<0.001	
2/11/2025									<0.001
2/13/2025	<0.001								
2/17/2025					<0.001		0.00055 (J)		
2/18/2025		<0.001		<0.001		<0.001		<0.001	
2/19/2025			<0.001						

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.001	<0.001	<0.001						
8/31/2011				<0.001	<0.001				
9/15/2011						<0.001			
9/16/2011							<0.001		
9/17/2011									<0.001
10/26/2011	<0.001	<0.001	<0.001						
10/27/2011	<0.001			<0.001	<0.001				
10/29/2011						<0.001	<0.001		
10/31/2011									<0.001
12/3/2011	<0.001	<0.001	<0.001						
12/4/2011				<0.001	<0.001				
12/13/2011						<0.001	<0.001		
12/14/2011									<0.001
1/25/2012	<0.001					<0.001			
1/31/2012							<0.001		
2/7/2012									<0.001
2/8/2012			<0.001	<0.001	<0.001				
2/9/2012		<0.001							
7/11/2012	<0.001	<0.001	<0.001	<0.001					
7/17/2012					<0.001				<0.001
7/18/2012						<0.001	<0.001		
1/8/2013	<0.001	<0.001	<0.001	<0.001					
1/9/2013					<0.001				
1/22/2013						<0.001	<0.001		
7/16/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/23/2013							<0.001		
7/24/2013									<0.001
1/14/2014	<0.001	<0.001							
1/21/2014			0.0001 (J)	<0.001	<0.001	<0.001			
1/22/2014							<0.001		
1/23/2014									<0.001
6/24/2014		<0.001	<0.001	<0.001	<0.001				
6/25/2014	<0.001					<0.001			
7/1/2014							<0.001		
7/8/2014								<0.001	<0.001
1/13/2015		<0.001	<0.001	<0.001	<0.001				
1/14/2015	<0.001					<0.001			
7/23/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
1/20/2016								<0.001	
1/21/2016							<0.001		<0.001
1/26/2016					<0.001	<0.001			
1/27/2016	<0.001	<0.001	<0.001	<0.001					
3/28/2016									<0.001
3/29/2016							<0.001		
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	
3/31/2016						<0.001			
5/25/2016	<0.001						<0.001	<0.001	<0.001
5/26/2016		<0.001	<0.001	<0.001	<0.001	<0.001			
7/25/2016		<0.001	<0.001	<0.001					
7/26/2016					<0.001	<0.001			
7/27/2016	<0.001						<0.001	<0.001	<0.001
9/16/2016								<0.001	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
9/19/2016	<0.001	<0.001	<0.001						<0.001
9/20/2016				<0.001	<0.001	<0.001	<0.001		
11/15/2016									<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/18/2016							<0.001	<0.001	
1/24/2017									<0.001
2/1/2017	<0.001	<0.001							
2/2/2017			<0.001	<0.001	<0.001				
2/3/2017						<0.001	<0.001	<0.001	
3/23/2017									<0.001
3/24/2017	<0.001	<0.001	<0.001						
3/28/2017				<0.001	<0.001	<0.001	<0.001		
3/29/2017								<0.001	
5/2/2017									<0.001
5/3/2017	<0.001	<0.001	<0.001			<0.001			
5/4/2017				<0.001	<0.001		<0.001	<0.001	
8/3/2017									<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001				
8/8/2017						<0.001	<0.001	<0.001	
1/25/2018	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
1/26/2018				<0.001	<0.001				
6/20/2018					<0.001	<0.001	<0.001		
6/21/2018		<0.001	<0.001	<0.001					
6/26/2018	<0.001								
6/27/2018								<0.001	<0.001
1/24/2019	<0.001				<0.001	<0.001			<0.001
1/25/2019							<0.001		
1/28/2019		<0.001	<0.001	<0.001					
1/31/2019								<0.001	
6/25/2019	<0.001			<0.001	<0.001	<0.001			<0.001
6/26/2019			<0.001				<0.001	<0.001	
6/27/2019		<0.001							
9/10/2019						<0.001			
9/11/2019	<0.001	<0.001		<0.001	0.00026 (J)			0.00023 (J)	0.00028 (J)
9/12/2019			<0.001				<0.001		
3/12/2020								<0.001	<0.001
3/17/2020	<0.001	<0.001							
3/18/2020			<0.001	<0.001	<0.001	0.00066 (J)	0.00024 (J)		
9/10/2020						<0.001	<0.001		
9/14/2020	<0.001	<0.001							<0.001
9/15/2020			<0.001	<0.001	<0.001			<0.001	
3/15/2021						0.00052 (J)			
3/16/2021	<0.001	<0.001		0.00035 (J)	0.00034 (J)				
3/17/2021			0.00033 (J)						0.00015 (J)
3/18/2021							0.00051 (J)	0.00025 (J)	
8/19/2021					0.00052 (J)	0.00025 (J)		<0.001	<0.001
8/20/2021	<0.001								
8/23/2021							<0.001		
8/24/2021		<0.001	<0.001	<0.001					
3/7/2022				<0.001	<0.001				
3/8/2022	<0.001	<0.001	<0.001			<0.001			<0.001
3/9/2022							<0.001		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
3/10/2022								<0.001	
8/10/2022									<0.001
8/11/2022	<0.001	<0.001	<0.001						
8/16/2022				<0.001	<0.001		<0.001		
8/17/2022						<0.001			
8/18/2022								<0.001	
2/14/2023						<0.001			
2/16/2023								<0.001	
2/20/2023	<0.001	<0.001							
2/21/2023			<0.001		<0.001		<0.001		<0.001
2/22/2023				<0.001					
8/9/2023		<0.001	<0.001	<0.001	<0.001				
8/10/2023	<0.001								
8/14/2023						<0.001			
8/15/2023							<0.001		<0.001
8/16/2023								<0.001	
2/14/2024						<0.001			
2/19/2024					<0.001		<0.001		
2/20/2024	<0.001			<0.001					
2/21/2024		<0.001	<0.001						<0.001
2/22/2024								<0.001	
7/30/2024					<0.001		<0.001		
8/1/2024									<0.001
8/2/2024				<0.001					
8/6/2024			<0.001			<0.001		<0.001	
8/7/2024	<0.001	<0.001							
2/11/2025					<0.001	<0.001	<0.001		
2/13/2025	<0.001	<0.001							
2/14/2025			<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 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.001		<0.001			
9/16/2011						<0.001	<0.001	<0.001
9/17/2011	<0.001	<0.001		<0.001				
10/28/2011			<0.001					
10/29/2011	<0.001	<0.001						
10/30/2011						<0.001		
10/31/2011				<0.001	<0.001		<0.001	<0.001
12/12/2011						<0.001	<0.001	<0.001
12/13/2011			<0.001		<0.001	<0.001		
12/14/2011	<0.001	<0.001						
1/25/2012		<0.001						
2/1/2012					<0.001	<0.001	<0.001	<0.001
2/7/2012	<0.001			<0.001				
2/8/2012			<0.001					
7/16/2012							<0.001	<0.001
7/17/2012	<0.001	<0.001			<0.001	<0.001		
7/18/2012			<0.001					
1/22/2013							<0.001	<0.001
1/23/2013				<0.001	<0.001	<0.001		
1/24/2013	<0.001	<0.001	<0.001					
7/2/2013								<0.001
7/17/2013						<0.001	<0.001	
7/24/2013	<0.001	<0.001	<0.001		<0.001			
1/21/2014								<0.001
1/23/2014	<0.001	0.0001 (J)	<0.001	<0.001	<0.001	0.0002 (J)	<0.001	
6/25/2014							<0.001	0.0001 (J)
7/1/2014			<0.001	<0.001	<0.001			
7/8/2014	<0.001	0.0001 (J)						
1/14/2015							<0.001	<0.001
1/19/2016			<0.001					
1/21/2016							<0.001	<0.001
1/22/2016		0.000193 (J)						
1/25/2016	<0.001			<0.001	<0.001	0.000227 (J)		
3/23/2016		<0.001	<0.001		<0.001	<0.001		
3/24/2016	<0.001						<0.001	<0.001
3/30/2016				<0.001				
5/20/2016			<0.001					
5/23/2016							<0.001	<0.001
5/24/2016		<0.001			<0.001	0.000242 (J)		
5/25/2016	<0.001			<0.001				
7/21/2016			<0.001				<0.001	<0.001
7/22/2016					<0.001	0.00022 (J)		
7/26/2016	<0.001	0.00017 (J)						
7/27/2016				<0.001				
9/15/2016							<0.001	<0.001
9/16/2016					<0.001	0.00021 (J)		
9/19/2016	<0.001	0.00016 (J)						
9/20/2016			<0.001					
11/11/2016		<0.001						
11/14/2016	<0.001		<0.001					
11/15/2016					<0.001		<0.001	<0.001
11/17/2016						0.00017 (J)		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/19/2017	<0.001							
1/20/2017		0.00016 (J)						
1/24/2017			<0.001					
1/25/2017				<0.001		<0.001	<0.001	
1/26/2017					<0.001			<0.001
3/16/2017	<0.001	0.00017 (J)						
3/17/2017			<0.001					
3/22/2017							<0.001	<0.001
3/23/2017				<0.001		0.00017 (J)		
3/24/2017					<0.001			
4/28/2017		0.00018 (J)						
5/1/2017	<0.001		<0.001			0.00018 (J)	<0.001	
5/2/2017				<0.001	<0.001			<0.001
7/19/2017				<0.001				
8/3/2017	<0.001	0.00016 (J)			<0.001		<0.001	<0.001
8/4/2017			<0.001	<0.001		0.00016 (J)		
1/19/2018		0.00016 (J)						
1/22/2018	<0.001							
1/23/2018				<0.001	<0.001	0.00012 (J)	<0.001	<0.001
1/24/2018			<0.001					
6/19/2018								<0.001
6/20/2018							<0.001	
6/21/2018			<0.001					
6/26/2018					<0.001	0.00013 (J)		
6/27/2018	<0.001	0.00015 (J)		<0.001				
1/21/2019								<0.001
1/24/2019	<0.001	0.0002 (J)						
1/28/2019							<0.001	
1/30/2019			<0.001		<0.001	<0.001		
1/31/2019				<0.001				
6/25/2019	<0.001							
6/26/2019		0.00019 (J)		<0.001		0.0002 (J)	0.00014 (J)	0.00019 (J)
6/27/2019			<0.001		<0.001			
9/10/2019			<0.001					
9/11/2019				<0.001			<0.001	
9/12/2019	<0.001	0.00021 (J)			<0.001	<0.001		<0.001
3/11/2020			<0.001				<0.001	<0.001
3/12/2020		0.0002 (J)				0.00035 (J)		
3/13/2020	<0.001							
3/17/2020				0.00017 (J)				
3/18/2020					<0.001			
9/9/2020		0.00017 (J)						
9/10/2020			0.00021 (J)					
9/11/2020				<0.001			<0.001	0.0004 (J)
9/15/2020	<0.001				<0.001			
9/16/2020						<0.001		
3/16/2021				<0.001			<0.001	<0.001
3/17/2021	<0.001				<0.001			
3/18/2021		0.00021 (J)	<0.001			<0.001		
8/18/2021								<0.001
8/19/2021	<0.001							
8/23/2021		0.00018 (J)	<0.001					

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
8/24/2021					<0.001	0.00032 (J)	<0.001	
8/25/2021				<0.001				
3/2/2022			<0.001				<0.001	<0.001
3/8/2022		<0.001						
3/9/2022	<0.001				<0.001	<0.001		
3/10/2022				<0.001				
8/10/2022	<0.001	<0.001	<0.001		<0.001		<0.001	
8/15/2022						<0.001		<0.001
8/16/2022				<0.001				
2/14/2023			<0.001					
2/15/2023					<0.001			
2/20/2023		<0.001				<0.001	<0.001	<0.001
2/21/2023	<0.001							
2/22/2023				<0.001				
8/15/2023		<0.001			<0.001	<0.001		
8/16/2023	<0.001		<0.001	<0.001			<0.001	<0.001
2/20/2024	<0.001	<0.001			<0.001	<0.001		
2/21/2024			<0.001	<0.001				
2/22/2024							<0.001	<0.001
7/30/2024		<0.001						
7/31/2024						<0.001		
8/2/2024	<0.001			<0.001				
8/5/2024			<0.001				<0.001	<0.001
8/6/2024					<0.001			
2/11/2025		<0.001						
2/13/2025	<0.001		<0.001				<0.001	
2/18/2025				<0.001				<0.001
2/19/2025					<0.001	<0.001		

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			<0.002	<0.002			<0.005	<0.002	
9/7/2011									<0.0025
9/16/2011	<0.002				<0.002				
9/17/2011		<0.002				<0.002			
10/27/2011	<0.002	<0.002		<0.002			<0.005		
10/28/2011					<0.002	<0.002			
10/30/2011								<0.002	<0.0025
12/5/2011							<0.005	<0.002	<0.0025
12/12/2011					<0.002	<0.002			
12/13/2011	<0.002								
12/14/2011		<0.002		<0.002					
1/25/2012					<0.002		<0.005	<0.002	<0.0025
1/31/2012	<0.002					<0.002			
2/1/2012				<0.002					
2/7/2012		<0.002							
7/16/2012					<0.002				
7/17/2012						<0.002			
7/18/2012	<0.002						<0.005		<0.0025
7/23/2012		<0.002		<0.002					
7/24/2012								<0.002	
1/7/2013									<0.0025
1/8/2013								<0.002	
1/9/2013							<0.005		
1/23/2013		<0.002		<0.002					
1/24/2013	<0.002				<0.002	<0.002			
7/9/2013								<0.002	<0.0025
7/17/2013	<0.002			<0.002			<0.005		
7/23/2013					<0.002				
7/24/2013		<0.002				<0.002			
1/14/2014									<0.0025
1/15/2014				0.0016 (J)			0.0042 (J)	0.002 (J)	
1/21/2014	<0.002								
1/22/2014		<0.002			0.00072 (J)	<0.002			
6/24/2014									0.00087 (J)
6/25/2014	<0.002		<0.002	0.00084 (J)			0.0022 (J)	<0.002	
7/1/2014		0.0012 (J)			<0.002				
7/8/2014						<0.002			
1/13/2015							0.004 (J)		
1/14/2015	<0.002			0.0014 (J)					
1/20/2015								<0.002	0.00094 (J)
1/21/2015					<0.002	<0.002			
1/22/2015		0.0013 (J)							
7/21/2015	<0.002		<0.002	<0.002	<0.002				
7/22/2015		<0.002				<0.002			
7/24/2015							0.0021 (J)	<0.002	
7/27/2015									<0.0025
1/19/2016						<0.002			
1/20/2016		<0.002		<0.002			0.0035 (J)	<0.002	
1/21/2016	<0.002								
1/22/2016					<0.002				
1/26/2016									0.0011 (J)
7/21/2016	<0.002			0.0035		<0.002	0.0032	0.0046	

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
7/22/2016									0.0031
7/25/2016					<0.002				
7/26/2016		<0.002							
7/27/2016			<0.002						
1/17/2017				<0.002	<0.002	<0.002			
1/19/2017	<0.002	<0.002							
1/26/2017							0.0064	0.0064	0.0057
6/8/2017							0.0046 (D)	0.00215 (JD)	0.00225 (JD)
8/1/2017			<0.002		<0.002	0.0041			
8/2/2017		<0.002		<0.002					
8/3/2017	<0.002						0.0031	<0.002	
8/4/2017									<0.0025
1/19/2018	<0.002	<0.002			<0.002	<0.002			
1/22/2018				0.002 (J)					
1/23/2018							0.0062	0.0038	0.0042
6/19/2018	<0.002	0.0024 (J)		0.0019 (J)	<0.002	0.0014 (J)			
6/20/2018			<0.002						
6/25/2018							0.0021 (J)	<0.002	0.0035
1/17/2019	0.0012	0.0016		0.0016					
1/18/2019			0.0019			0.0015			
1/21/2019					0.0012				0.003
1/30/2019							0.0031	0.0015	
6/24/2019	0.0028	0.0018		0.002					
6/25/2019			0.0028		0.0025	0.0023			0.0035
6/26/2019							0.0033	0.0016	
9/9/2019	<0.002								
9/10/2019		0.0011		<0.002	0.0012	<0.002			0.0024
9/11/2019			0.0014						
9/12/2019							0.0031	<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
3/12/2020									0.0019
3/16/2020							0.0028	<0.002	
9/9/2020	<0.002		0.0018	<0.002	<0.002	<0.002	0.0025		
9/10/2020		<0.002							
9/11/2020								<0.002	
9/14/2020									0.0017
3/15/2021	<0.002	<0.002	<0.002	<0.002	<0.002	0.0017			
3/16/2021									0.0025
3/17/2021							0.0025	<0.002	
8/16/2021	<0.002				0.0011				
8/18/2021		0.0011	0.0015	0.0011		0.0012		<0.002	
8/19/2021							0.0026		0.002
2/28/2022	<0.002								
3/1/2022		<0.002	0.0012	<0.002	<0.002				
3/2/2022						<0.002	0.003	<0.002	0.0031
8/9/2022	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
8/11/2022							0.0019	<0.002	0.0023
2/13/2023						<0.002			
2/14/2023	0.00074 (J)	<0.002	<0.002	0.00074 (J)	<0.002				
2/20/2023							0.0029	<0.002	
2/21/2023									0.0029
8/8/2023			<0.002			<0.002			

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/9/2023	<0.002	<0.002		<0.002	0.00084 (J)				0.0033
8/14/2023							0.0026	<0.002	
2/13/2024	<0.002								
2/14/2024		<0.002		0.00067 (J)	<0.002	<0.002	0.003	<0.002	
2/21/2024									0.0029
7/29/2024				<0.002	<0.002				
7/30/2024	<0.002	<0.002				<0.002			
7/31/2024			<0.002				0.0024		
8/1/2024								<0.002	0.0032
2/10/2025				<0.002	<0.002				
2/11/2025	<0.002	<0.002				<0.002			
2/13/2025									0.0031
2/14/2025							0.0025		
2/18/2025								0.0015 (J)	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									0.0028
9/7/2011	<0.002	<0.001							
9/13/2011				0.0064	<0.002	<0.002	<0.002		
9/16/2011								<0.002	
10/26/2011									<0.005
10/27/2011							<0.002	<0.002	
10/28/2011				<0.0025	<0.002	<0.002			
10/30/2011	<0.002	<0.001							
12/3/2011							<0.002	<0.002	<0.005
12/4/2011		<0.001		<0.0025	<0.002	<0.002			
12/5/2011	<0.002								
1/19/2012	<0.002	<0.001							
1/24/2012					<0.002	<0.002	<0.002		
1/25/2012									<0.005
2/9/2012				<0.0025				<0.002	
7/11/2012					<0.002	<0.002	<0.002	<0.002	<0.005
7/18/2012	<0.002	<0.001		0.0062					
1/7/2013	<0.002								
1/8/2013		<0.001		<0.0025	<0.002	<0.002	<0.002	<0.002	<0.005
7/2/2013								<0.002	<0.005
7/9/2013	<0.002	<0.001		0.0053					
7/10/2013					<0.002	<0.002	<0.002		
1/14/2014	<0.002	0.0022 (J)							0.0036 (J)
1/15/2014				0.0064					
1/21/2014					<0.002	<0.002	<0.002	<0.002	
6/24/2014	0.0014 (J)	0.0022 (J)						<0.002	
6/25/2014				0.0064					0.0033 (J)
7/1/2014					<0.002	<0.002	<0.002		
1/13/2015									0.0037 (J)
1/14/2015							<0.002	<0.002	
1/20/2015	0.0013 (J)	0.0025 (J)							
1/21/2015				0.0059	<0.002	<0.002			
7/22/2015							<0.002	<0.002	0.0031 (J)
7/27/2015	<0.002	0.0024 (J)							
7/28/2015				0.0054	<0.002	<0.002			
1/25/2016			<0.002						
1/26/2016	<0.002	<0.001		0.0019 (J)	<0.002				
1/27/2016						<0.002	<0.002	<0.002	0.0035 (J)
7/22/2016					<0.002				
7/25/2016		<0.001		<0.0025					
7/26/2016	<0.002					<0.002	<0.002	0.002 (J)	
7/27/2016			0.0055						0.0038
1/26/2017	0.0038								
1/31/2017		<0.001		0.0029	<0.002	0.0015 (J)			
2/1/2017			0.0032				0.002 (J)	0.0016 (J)	0.0067
6/8/2017	0.004 (D)						<0.002	0.0023 (JD)	0.0036 (D)
6/9/2017			<0.002						
8/4/2017						<0.002		<0.002	
8/7/2017	<0.002	<0.001		0.0024 (J)	<0.002		<0.002		0.005
8/8/2017			<0.002						
1/24/2018	<0.002	<0.001		<0.0025	<0.002				
1/25/2018			0.003			<0.002	<0.002	0.003	0.0058

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
6/20/2018				0.003		<0.002	0.0016 (J)	<0.002	0.0039
6/21/2018	0.0015 (J)	<0.001	0.0018 (J)						
6/26/2018					<0.002				
1/22/2019	0.0015	0.0014				0.0015	<0.002	0.0012	
1/24/2019				0.0032					
1/25/2019					<0.002				0.0052
1/31/2019			0.0015						
6/25/2019	0.0026	0.002				0.0021	0.0014	0.0019	0.0056
6/26/2019			0.0014	0.0035	0.0013				
9/10/2019	0.0014								
9/11/2019					0.0011				0.0048
9/12/2019						0.0015	0.0012		
9/16/2019		0.0014		0.0035					
9/17/2019			<0.002					0.0013	
3/12/2020	<0.002					<0.002			
3/16/2020		<0.001		0.0027				<0.002	
3/17/2020			<0.002				<0.002		0.0044
3/18/2020					<0.002				
9/10/2020			<0.002	0.0028	<0.002	<0.002	<0.002	<0.002	
9/11/2020		<0.001							0.0039
9/14/2020	<0.002								
3/16/2021	0.0014	0.0011			<0.002				
3/17/2021				0.0029		<0.002	<0.002		0.004
3/18/2021			<0.002					<0.002	
8/19/2021					<0.002				
8/20/2021	0.0012		<0.002						0.0047
8/23/2021				0.0025		<0.002	<0.002		
8/24/2021								0.0012	
8/25/2021		<0.001							
3/2/2022	0.0013								
3/7/2022				0.0025	<0.002		<0.002	<0.002	
3/8/2022			<0.002			<0.002			0.0039
3/9/2022		<0.001							
8/11/2022	<0.002								
8/15/2022				0.0023		<0.002			
8/16/2022		0.0015	0.0012		<0.002		<0.002	<0.002	0.0043
2/15/2023	0.00096 (J)	0.0009 (J)	<0.002		<0.002				
2/17/2023							<0.002		
2/20/2023									0.004
2/21/2023				0.0023		<0.002		<0.002	
8/9/2023	0.00063 (J)	0.00064 (J)							
8/10/2023			<0.002						
8/14/2023				0.0019 (J)	<0.002		<0.002	<0.002	0.0044
8/16/2023						<0.002			
2/14/2024				0.0026					
2/19/2024		0.0007 (J)				0.00069 (J)	<0.002		
2/20/2024			<0.002		0.00063 (J)				
2/21/2024	0.00079 (J)							<0.002	0.0038
7/30/2024	0.00071 (J)								
7/31/2024		0.0012 (J)	<0.002						
8/5/2024						<0.002			0.0031
8/6/2024				0.0018 (J)	<0.002		<0.002	<0.002	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
2/11/2025									0.0059
2/13/2025	<0.002								
2/17/2025					0.00082 (J)		<0.002		
2/18/2025		0.002		0.0026		0.0023		0.0026	
2/19/2025			0.0027						

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	<0.002	<0.0025	<0.002						
8/31/2011				0.0035	<0.002				
9/15/2011						0.005			
9/16/2011							<0.002		
9/17/2011									0.0074 (O)
10/26/2011	<0.002	<0.0025	<0.002						
10/27/2011	<0.002			<0.002	<0.002				
10/29/2011						<0.01	<0.002		
10/31/2011									<0.002
12/3/2011	<0.002	<0.0025	<0.002						
12/4/2011				<0.002	<0.002				
12/13/2011						<0.01	<0.002		
12/14/2011									<0.002
1/25/2012	<0.002					<0.01			
1/31/2012							<0.002		
2/7/2012									<0.002
2/8/2012			<0.002	<0.002	<0.002				
2/9/2012		<0.0025							
7/11/2012	<0.002	<0.0025	<0.002	<0.002					
7/17/2012					<0.002				<0.002
7/18/2012						0.0074	<0.002		
1/8/2013	<0.002	<0.0025	<0.002	<0.002					
1/9/2013					<0.002				
1/22/2013						0.0071	<0.002		
7/16/2013	<0.002	<0.0025	<0.002	<0.002	<0.002	0.0075			
7/23/2013							<0.002		
7/24/2013									<0.002
1/14/2014	0.0019 (J)	0.0022 (J)							
1/21/2014			<0.002	<0.002	<0.002	0.0061			
1/22/2014							<0.002		
1/23/2014									0.00082 (J)
6/24/2014		<0.0025	<0.002	0.00089 (J)	<0.002				
6/25/2014	0.001 (J)					0.007			
7/1/2014							<0.002		
7/8/2014								<0.002	<0.002
1/13/2015		0.00084 (J)	<0.002	0.0013 (J)	<0.002				
1/14/2015	0.0014 (J)					0.0063			
1/21/2015									0.0013 (J)
1/22/2015							<0.002		
7/23/2015		<0.0025	0.0016 (J)	0.0027 (J)	<0.002	0.0066			
7/28/2015	0.0027 (J)								
7/29/2015							0.0011 (J)		
7/30/2015									0.0018 (J)
7/31/2015								<0.002	
1/20/2016								<0.002	
1/21/2016							<0.002		0.0017 (J)
1/26/2016					<0.002	0.0058			
1/27/2016	0.0018 (J)	0.00096 (J)	<0.002	0.0012 (J)					
7/25/2016		<0.0025	0.0015 (J)	0.0018 (J)					
7/26/2016					<0.002	0.0056			
7/27/2016	0.0035						<0.002	<0.002	<0.002
1/24/2017									0.0077 (O)

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/1/2017	0.0044	0.0036							
2/2/2017			0.0015 (J)	0.0031	0.0028				
2/3/2017						0.0082	0.0016 (J)	0.0015 (J)	
6/8/2017	0.00315 (D)	0.0017 (JD)							
8/3/2017									<0.002
8/7/2017	<0.002	<0.0025	0.0016 (J)	0.0041	0.0014 (J)				
8/8/2017						0.0058	<0.002	<0.002	
1/25/2018	0.0042	<0.0025	0.0021 (J)			0.0063	0.0014 (J)	<0.002	<0.002
1/26/2018				0.0044	<0.002				
6/20/2018					<0.002	0.006	<0.002		
6/21/2018		<0.0025	<0.002	0.0017 (J)					
6/26/2018	0.0023 (J)								
6/27/2018								<0.002	<0.002
1/24/2019	0.0027				<0.002	0.0065			0.0018
1/25/2019							0.0012		
1/28/2019		0.0015	<0.002	0.0019					
1/31/2019								0.0015	
6/25/2019	0.005			0.0038	0.0021	0.0092			0.0019
6/26/2019			0.0023				0.0019	0.0014	
6/27/2019		0.0031							
9/10/2019						0.0082			
9/11/2019	0.0023	0.0017		0.0027	<0.002			<0.002	0.0013
9/12/2019			0.0015				0.001		
3/12/2020								<0.002	0.0011
3/17/2020	0.0024	0.0015							
3/18/2020			0.0011	0.0016	<0.002	0.0069	<0.002		
9/10/2020						0.0061	<0.002		
9/14/2020	0.0017	0.0018							<0.002
9/15/2020			0.0012	0.0021	<0.002			<0.002	
3/15/2021						0.0068			
3/16/2021	0.0023	0.0017		0.0019	<0.002				
3/17/2021			0.001						<0.002
3/18/2021							0.001	<0.002	
8/19/2021					<0.002	0.0063		<0.002	<0.002
8/20/2021	0.0032								
8/23/2021							<0.002		
8/24/2021		0.0019	0.0016	0.0018					
3/7/2022				0.0017	<0.002				
3/8/2022	0.0019	0.0014	0.0011			0.009			<0.002
3/9/2022							0.00093 (J)		
3/10/2022								<0.002	
5/4/2022	0.0031		<0.002			0.0082			
8/10/2022									<0.002
8/11/2022	0.002	0.0011	<0.002						
8/16/2022				0.0026	<0.002		<0.002		
8/17/2022						0.0067			
8/18/2022								0.00094 (J)	
2/14/2023						0.005			
2/16/2023								<0.002	
2/20/2023	0.0021	0.0011 (J)							
2/21/2023			<0.002		<0.002		<0.002		<0.002
2/22/2023				0.0014 (J)					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/9/2023		0.0015 (J)	<0.002	0.0015 (J)	<0.002				
8/10/2023	0.0024								
8/14/2023						0.0061			
8/15/2023							<0.002		<0.002
8/16/2023								<0.002	
2/14/2024						0.0067			
2/19/2024					<0.002		0.00072 (J)		
2/20/2024	<0.002			0.0013 (J)					
2/21/2024		0.00092 (J)	<0.002						<0.002
2/22/2024								<0.002	
7/30/2024					<0.002		<0.002		
8/1/2024									<0.002
8/2/2024				0.0019 (J)					
8/6/2024			<0.002			0.0059		<0.002	
8/7/2024	0.0021	0.00069 (J)							
2/11/2025					<0.002	0.0065	<0.002		
2/13/2025	0.0015 (J)	0.00098 (J)							
2/14/2025			<0.002	<0.002				<0.002	<0.002

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.002		<0.002			
9/16/2011						<0.002	<0.002	<0.002
9/17/2011	<0.002	<0.002		<0.002				
10/28/2011			<0.002					
10/29/2011	<0.002	<0.002						
10/30/2011						<0.002		
10/31/2011				<0.002	<0.002		<0.002	<0.002
12/12/2011						<0.002	<0.002	<0.002
12/13/2011			<0.002		<0.002	<0.002		
12/14/2011	<0.002	<0.002						
1/25/2012		<0.002						
2/1/2012					<0.002	<0.002	<0.002	<0.002
2/7/2012	<0.002			<0.002				
2/8/2012			<0.002					
7/16/2012							<0.002	<0.002
7/17/2012	<0.002	<0.002			<0.002	<0.002		
7/18/2012			<0.002					
1/22/2013							<0.002	<0.002
1/23/2013				<0.002	<0.002	<0.002		
1/24/2013	<0.002	<0.002	<0.002					
7/2/2013								<0.002
7/17/2013						<0.002	<0.002	
7/24/2013	<0.002	<0.002	<0.002		<0.002			
1/21/2014								<0.002
1/23/2014	<0.002	<0.002	<0.002	0.00068 (J)	<0.002	<0.002	<0.002	
6/25/2014							<0.002	<0.002
7/1/2014			<0.002	<0.002	<0.002			
7/8/2014	<0.002	<0.002						
1/14/2015							<0.002	<0.002
1/20/2015			<0.002		<0.002	<0.002		
1/21/2015	<0.002	<0.002		<0.002				
7/28/2015								<0.002
7/29/2015						<0.002	<0.002	
7/30/2015		<0.002	<0.002		<0.002			
7/31/2015	<0.002							
1/19/2016			0.001 (J)					
1/21/2016							<0.002	<0.002
1/22/2016		<0.002						
1/25/2016	<0.002			<0.002	<0.002	<0.002		
7/21/2016			<0.002				0.0041	<0.002
7/22/2016					<0.002	<0.002		
7/26/2016	<0.002	<0.002						
7/27/2016				<0.002				
1/19/2017	<0.002							
1/20/2017		<0.002						
1/24/2017			0.0059 (O)					
1/25/2017				0.0043		0.0052	0.0055	
1/26/2017					0.0016 (J)			0.0026
6/7/2017			0.00235 (JD)					
6/8/2017				0.00195 (JD)	<0.002 (D)		0.00195 (JD)	<0.002 (D)
6/9/2017						<0.002		
8/3/2017	<0.002	<0.002			<0.002		<0.002	<0.002

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

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
8/4/2017			0.0018 (J)	<0.002		<0.002		
1/19/2018		<0.002						
1/22/2018	<0.002							
1/23/2018				0.0023 (J)	0.003	0.003	<0.002	0.0022 (J)
1/24/2018			<0.002					
6/19/2018								0.0019 (J)
6/20/2018							<0.002	
6/21/2018			0.0031					
6/26/2018					<0.002	<0.002		
6/27/2018	<0.002	<0.002		<0.002				
1/21/2019								0.0011
1/24/2019	0.0013	<0.002						
1/28/2019							<0.002	
1/30/2019			0.0021		0.0012	0.0014		
1/31/2019				0.0014				
6/25/2019	0.0024							
6/26/2019		0.0011		0.0015		0.0017	0.002	0.0015
6/27/2019			0.0029		0.0021			
9/10/2019			0.0018					
9/11/2019				0.0025			<0.002	
9/12/2019	0.0014	<0.002			0.0012	0.0014		<0.002
3/11/2020			0.00099 (J)				<0.002	<0.002
3/12/2020		<0.002				<0.002		
3/13/2020	<0.002							
3/17/2020				<0.002				
3/18/2020					<0.002			
9/9/2020		<0.002						
9/10/2020			0.0012					
9/11/2020				<0.002			<0.002	<0.002
9/15/2020	<0.002				<0.002			
9/16/2020						<0.002		
3/16/2021				<0.002			<0.002	<0.002
3/17/2021	<0.002				0.0011			
3/18/2021		<0.002	0.0014			<0.002		
8/18/2021								<0.002
8/19/2021	<0.002							
8/23/2021		<0.002	0.0015					
8/24/2021					0.0011	<0.002	<0.002	
8/25/2021				0.001				
3/2/2022			0.0013				<0.002	<0.002
3/8/2022		0.00085 (J)						
3/9/2022	<0.002				<0.002	<0.002		
3/10/2022				0.0012				
5/4/2022				0.00084 (J)				
8/10/2022	<0.002	<0.002	<0.002		<0.002		<0.002	
8/15/2022						<0.002		<0.002
8/16/2022				0.0014				
2/14/2023			0.00085 (J)					
2/15/2023					<0.002			
2/20/2023		<0.002				<0.002	<0.002	<0.002
2/21/2023	<0.002							
2/22/2023				<0.002				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
8/15/2023		<0.002			<0.002	<0.002		
8/16/2023	<0.002		0.00074 (J)	0.0015 (J)			<0.002	<0.002
2/20/2024	<0.002	<0.002			<0.002	<0.002		
2/21/2024			0.0011 (J)	0.00064 (J)				
2/22/2024							<0.002	<0.002
7/30/2024		<0.002						
7/31/2024						<0.002		
8/2/2024	<0.002			<0.002				
8/5/2024			<0.002				<0.002	<0.002
8/6/2024					<0.002			
2/11/2025		<0.002						
2/13/2025	<0.002		0.00084 (J)				<0.002	
2/18/2025				0.0014 (J)				0.0021
2/19/2025					0.0037	0.0031		

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/31/2011			0.0037	<0.005			<0.005	0.0037	
9/7/2011									<0.005
9/16/2011	0.0071				0.003				
9/17/2011		0.0061				0.026			
10/27/2011	0.0062	0.0059		<0.005			0.0025		
10/28/2011					0.0073	0.019			
10/30/2011								0.0043	<0.005
12/5/2011							<0.005	0.0047	<0.005
12/12/2011					0.0053	0.02			
12/13/2011	0.0065								
12/14/2011		0.0077		<0.005					
1/25/2012					0.0046		<0.005	<0.005	<0.005
1/31/2012	0.0047					0.036			
2/1/2012				<0.005					
2/7/2012		0.0053							
7/16/2012					0.0034				
7/17/2012						0.015			
7/18/2012	0.0044						<0.005		0.0035
7/23/2012		0.0043		0.0037					
7/24/2012								<0.005	
1/7/2013									0.0033
1/8/2013								<0.005	
1/9/2013							<0.005		
1/23/2013		0.0054		<0.005					
1/24/2013	0.0058				0.0049	0.048			
7/9/2013								<0.005	0.0035
7/17/2013	0.0028			<0.005			0.0043		
7/23/2013					0.0026				
7/24/2013		0.004				0.048			
1/14/2014									0.0022 (J)
1/15/2014				0.00085 (J)			0.0023 (J)	0.0034	
1/21/2014	0.0037								
1/22/2014		0.0056			0.0052	0.044			
6/24/2014									0.01
6/25/2014	0.0026		0.015	0.0014 (J)			0.0022 (J)	0.002 (J)	
7/1/2014		0.004			0.0042				
7/8/2014						0.04			
1/13/2015							0.0027		
1/14/2015	0.003			0.0082					
1/20/2015								<0.005	0.0018 (J)
1/21/2015					0.0038	0.037			
1/22/2015		0.0051							
7/21/2015	0.0033		0.042	0.0015 (J)	0.0042				
7/22/2015		0.0033				0.031			
7/24/2015							0.002 (J)	0.0017 (J)	
7/27/2015									<0.005
1/19/2016						0.035			
1/20/2016		0.0029		0.0093			0.0022 (J)	0.0018 (J)	
1/21/2016	0.0043								
1/22/2016					0.0041				
1/26/2016									0.0016 (J)
7/21/2016	0.01 (J)			<0.005		0.038	<0.005	<0.005	

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
7/22/2016									<0.005
7/25/2016					<0.02				
7/26/2016		<0.005							
7/27/2016			0.011 (J)						
1/17/2017				0.014 (J)	<0.02	0.024			
1/19/2017	0.0077 (J)	<0.005							
1/26/2017							<0.005	<0.005	<0.005
8/1/2017			<0.02		<0.02	0.028			
8/2/2017		<0.005		<0.005					
8/3/2017	<0.005						<0.005	<0.005	
8/4/2017									<0.005
1/19/2018	<0.005	<0.005			<0.02	0.024			
1/22/2018				<0.005					
1/23/2018							<0.005	<0.005	<0.005
6/19/2018	0.0068 (J)	<0.005		<0.005	<0.02	0.028			
6/20/2018			<0.02						
6/25/2018							<0.005	<0.005	<0.005
1/17/2019	0.0037 (J)	0.0024 (J)		<0.005					
1/18/2019			0.0088			0.022			
1/21/2019					0.0065				<0.005
1/30/2019							<0.005	<0.005	
6/24/2019	0.0048 (J)	0.0046 (J)		0.0036 (J)					
6/25/2019			0.014		0.011	0.041			<0.005
6/26/2019							<0.005	0.0033 (J)	
9/9/2019	0.0064								
9/10/2019		0.0064		0.006	0.01	0.031			0.0063
9/11/2019			0.02						
9/12/2019							0.0067	0.049 (O)	
3/10/2020	0.0036 (J)	<0.005	0.015	0.052	0.017	0.034			
3/12/2020									0.038 (O)
3/16/2020							0.0033 (J)	0.0032 (J)	
9/9/2020	0.078		0.013	<0.005	0.063	0.025	<0.005		
9/10/2020		<0.005							
9/11/2020								0.0071	
9/14/2020									0.0041 (J)
3/15/2021	<0.005	<0.005	0.015	0.044	0.0057	0.024			
3/16/2021									<0.005
3/17/2021							<0.005	<0.005	
8/16/2021	<0.005				0.0061				
8/18/2021		0.0046 (J)	0.038	0.0034 (J)		0.024		0.0034 (J)	
8/19/2021							<0.005		<0.005
2/28/2022	0.0032 (J)								
3/1/2022		<0.005	0.012	<0.005	0.0057				
3/2/2022						0.024	<0.005	<0.005	<0.005
8/9/2022	0.0066	0.0069	0.026	<0.005	0.0089	0.032			
8/11/2022							0.0053	0.0051	0.0038 (J)
2/13/2023						0.025			
2/14/2023	0.0048 (J)	<0.005	0.017	0.0029 (J)	0.014				
2/20/2023							0.0033 (J)	<0.005	
2/21/2023									<0.005
8/8/2023			0.015			0.023			
8/9/2023	<0.005	<0.005		<0.005	0.011				<0.005

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWC-5	GWC-6	GWC-7
8/14/2023							0.005	<0.005	
2/13/2024	0.0041 (J)								
2/14/2024		0.0031 (J)		<0.005	0.0059	0.02	0.0031 (J)	<0.005	
2/21/2024									<0.005
7/29/2024				<0.005	0.01				
7/30/2024	0.0036 (J)	<0.005				0.019			
7/31/2024			0.01				0.003 (J)		
8/1/2024								<0.005	0.0031 (J)
2/10/2025				<0.005	0.0053				
2/11/2025	0.0034 (J)	<0.005				0.021			
2/13/2025									0.0028 (J)
2/14/2025							<0.005		
2/18/2025								0.0032 (J)	

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/30/2011									0.0081
9/7/2011	0.0029	0.016							
9/13/2011				<0.005	<0.005	<0.005	0.0039		
9/16/2011								<0.005	
10/26/2011									0.0035
10/27/2011							0.0046	<0.005	
10/28/2011				<0.005	<0.005	<0.005			
10/30/2011	<0.005	0.004							
12/3/2011							0.0028	<0.005	0.0033
12/4/2011		0.0086		0.0025	0.0027	0.0028			
12/5/2011	0.004								
1/19/2012	0.0029	0.0081							
1/24/2012					<0.005	<0.005	0.0033		
1/25/2012									<0.005
2/9/2012				<0.005				<0.005	
7/11/2012					<0.005	<0.005	<0.0025	<0.005	<0.005
7/18/2012	0.006	0.0058		0.008					
1/7/2013	<0.005								
1/8/2013		0.0034		<0.005	<0.005	<0.005	<0.0025	<0.005	<0.005
7/2/2013								<0.005	<0.005
7/9/2013	<0.005	<0.005		<0.005					
7/10/2013					<0.005	<0.005	<0.0025		
1/14/2014	0.002 (J)	0.003							0.00074 (J)
1/15/2014				0.00052 (J)					
1/21/2014					0.0019 (J)	0.0026	0.0036	0.0017 (J)	
6/24/2014	0.0011 (J)	0.0016 (J)						<0.005	
6/25/2014				0.00089 (J)					0.00071 (J)
7/1/2014					0.0087	0.0014 (J)	0.0018 (J)		
1/13/2015									0.0015 (J)
1/14/2015							0.0035	0.0013 (J)	
1/20/2015	0.0018 (J)	0.0021 (J)							
1/21/2015				<0.005	<0.005	0.0018 (J)			
7/22/2015							0.005	<0.005	<0.005
7/27/2015	0.0015 (J)	<0.005							
7/28/2015				0.0021 (J)	<0.005	<0.005			
1/25/2016			0.0027						
1/26/2016	<0.005	<0.005		<0.005	<0.005				
1/27/2016						<0.005	0.0094	<0.005	<0.005
7/22/2016					0.033				
7/25/2016		<0.005		<0.005					
7/26/2016	<0.005					<0.005	0.0072 (J)	<0.005	
7/27/2016			<0.005						<0.005
1/26/2017	<0.005								
1/31/2017		<0.005		<0.005	<0.005	<0.005			
2/1/2017			<0.005				0.0084 (J)	<0.005	<0.005
8/4/2017						<0.005		<0.005	
8/7/2017	0.0086 (J)	<0.005		<0.005	<0.005		0.012 (J)		<0.005
8/8/2017			<0.005						
1/24/2018	<0.005	<0.005		<0.005	<0.005				
1/25/2018			<0.005			<0.005	0.0095 (J)	<0.005	<0.005
6/20/2018				<0.005		<0.005	0.012 (J)	<0.005	<0.005
6/21/2018	<0.005	<0.005	<0.005						

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
6/26/2018					<0.005				
1/22/2019	<0.005	<0.005				<0.005	0.0094	<0.005	
1/24/2019				<0.005					
1/25/2019					<0.005				<0.005
1/31/2019			0.0039 (J)						
6/25/2019	0.0043 (J)	0.005				<0.005	0.014	<0.005	<0.005
6/26/2019			0.0044 (J)	<0.005	<0.005				
9/10/2019	0.0051								
9/11/2019					0.0056				0.0062
9/12/2019						0.0085	0.019		
9/16/2019		0.0049 (J)		0.005					
9/17/2019			0.013					0.0041 (J)	
3/12/2020	0.044 (O)					<0.005			
3/16/2020		0.0094		<0.005				<0.005	
3/17/2020			0.0044 (J)				0.014		<0.005
3/18/2020					<0.005				
9/10/2020			0.13 (O)	0.017	<0.005	0.0036 (J)	0.014	<0.005	
9/11/2020		0.0055							0.0033 (J)
9/14/2020	0.0079								
12/2/2020			0.011						
3/16/2021	0.0045 (J)	0.0048 (J)			<0.005				
3/17/2021				<0.005		0.0039 (J)	0.014		<0.005
3/18/2021			0.004 (J)					<0.005	
8/19/2021					<0.005				
8/20/2021	0.0046 (J)		<0.005						<0.005
8/23/2021				<0.005		<0.005	0.017		
8/24/2021								<0.005	
8/25/2021		<0.005							
3/2/2022	0.0037 (J)								
3/7/2022				<0.005	<0.005		0.014	<0.005	
3/8/2022			<0.005			<0.005			<0.005
3/9/2022		0.003 (J)							
5/3/2022							0.04		
8/11/2022	0.012								
8/15/2022				<0.005		0.0033 (J)			
8/16/2022		0.096 (O)	<0.005		<0.005		0.014	<0.005	<0.005
10/12/2022		0.043 (O)							
2/15/2023	0.0029 (J)	0.015	0.0047 (J)		<0.005				
2/17/2023							0.015		
2/20/2023									<0.005
2/21/2023				<0.005		<0.005		<0.005	
8/9/2023	<0.005	0.015							
8/10/2023			0.0058						
8/14/2023				<0.005	<0.005		0.017	<0.005	<0.005
8/16/2023						<0.005			
2/14/2024				<0.005					
2/19/2024		0.019				0.0056	0.018		
2/20/2024			0.0042 (J)		<0.005				
2/21/2024	<0.005							<0.005	<0.005
7/30/2024	0.0033 (J)								
7/31/2024		0.037	0.0044 (J)						
8/5/2024						<0.005			<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
8/6/2024				0.022	0.013		0.015	<0.005	
2/11/2025									<0.005
2/13/2025	0.0033 (J)								
2/17/2025					<0.005		0.018		
2/18/2025		0.016		0.038		<0.005		<0.005	
2/19/2025			0.0066						

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/30/2011	0.0035	<0.005	0.0035						
8/31/2011				<0.005	0.01				
9/15/2011						0.0058			
9/16/2011							0.0058		
9/17/2011									0.0028
10/26/2011	0.0032	0.0025	0.0054						
10/27/2011				0.0038	0.0087				
10/29/2011						0.0031	0.0032		
10/31/2011									0.003
12/3/2011	0.0027	0.0027	0.0046						
12/4/2011				0.0028	0.0093				
12/13/2011						0.0068	0.0074		
12/14/2011									0.0029
1/25/2012	<0.005					<0.005			
1/31/2012							0.0031		
2/7/2012									0.0092
2/8/2012			<0.005	<0.005	0.0086				
2/9/2012		<0.005							
7/11/2012	<0.005	<0.005	<0.005	<0.005					
7/17/2012					0.009				0.01
7/18/2012						0.0056	0.0054		
1/8/2013	<0.005	<0.005	<0.005	<0.005					
1/9/2013					0.006				
1/22/2013						<0.005	0.0061		
7/16/2013	<0.005	<0.005	<0.005	<0.005	0.0052	<0.005			
7/23/2013							0.0038		
7/24/2013									0.033
1/14/2014	0.0021 (J)	0.0005 (J)							
1/21/2014			0.0025	0.0018 (J)	0.0066	0.0015 (J)			
1/22/2014							0.0035		
1/23/2014									0.015
6/24/2014		0.00099 (J)	0.0014 (J)	0.0006 (J)	0.0059				
6/25/2014	0.0012 (J)					0.00094 (J)			
7/1/2014							0.0031		
7/8/2014								0.0043	0.011
1/13/2015		0.00063 (J)	0.0019 (J)	0.00086 (J)	0.005				
1/14/2015	0.0015 (J)					0.00073 (J)			
1/21/2015									0.0057
1/22/2015							0.0049		
7/23/2015		<0.005	0.0025	<0.005	0.0042	<0.005			
7/28/2015	<0.005								
7/29/2015							0.0024 (J)		
7/30/2015									0.0072
7/31/2015								0.0052	
1/20/2016								0.0086	
1/21/2016							<0.005		0.017
1/26/2016					0.0043	<0.005			
1/27/2016	<0.005	<0.005	<0.005	<0.005					
7/25/2016		<0.005	0.016 (J)	0.038					
7/26/2016					0.023	0.017 (J)			
7/27/2016	<0.005						<0.005	<0.02	0.0076 (J)
1/24/2017									0.0085 (J)

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
2/1/2017	<0.005	<0.005							
2/2/2017			<0.005	<0.005	<0.005				
2/3/2017						<0.005	<0.005	0.0094 (J)	
8/3/2017									<0.005
8/7/2017	<0.005	<0.005	<0.005	0.013 (J)	<0.005				
8/8/2017						<0.005	<0.005	0.0098 (J)	
1/25/2018	<0.005	<0.005	<0.005			<0.005	<0.005	<0.02	0.009 (J)
1/26/2018				<0.005	<0.005				
6/20/2018					<0.005	<0.005	<0.005		
6/21/2018		<0.005	<0.005	<0.005					
6/26/2018	<0.005								
6/27/2018								<0.02	0.0086 (J)
1/24/2019	<0.005				0.0034 (J)	<0.005			0.013
1/25/2019							<0.005		
1/28/2019		0.0033 (J)	0.0049 (J)	0.014					
1/31/2019								0.006	
6/25/2019	<0.005			<0.005	0.0039 (J)	<0.005			0.01
6/26/2019			0.0038 (J)				<0.005	0.0062	
6/27/2019		<0.005							
9/10/2019						0.0061			
9/11/2019	0.012	0.0038 (J)		0.0061	0.0068			0.0081	0.037
9/12/2019			0.0086				0.0042 (J)		
3/12/2020								0.008	0.0089
3/17/2020	<0.005	<0.005							
3/18/2020			0.0078	<0.005	0.0052	<0.005	<0.005		
9/10/2020						<0.005	0.004 (J)		
9/14/2020	0.0048 (J)	0.0053							0.024
9/15/2020			0.0037 (J)	<0.005	0.0052			0.0073	
3/15/2021						<0.005			
3/16/2021	<0.005	<0.005		<0.005	0.0033 (J)				
3/17/2021			0.0056						0.0088
3/18/2021							<0.005	0.0064	
8/19/2021					<0.005	<0.005		0.014	0.0076
8/20/2021	<0.005								
8/23/2021							0.032 (O)		
8/24/2021		<0.005	0.0034 (J)	<0.005					
3/7/2022				<0.005	0.0029 (J)				
3/8/2022	<0.005	<0.005	0.0056			<0.005			<0.005
3/9/2022							<0.005		
3/10/2022								0.0037 (J)	
8/10/2022									0.02
8/11/2022	0.003 (J)	<0.005	<0.005						
8/16/2022				0.004 (J)	0.0093		0.016		
8/17/2022						<0.005			
8/18/2022								0.006	
2/14/2023						0.012			
2/16/2023								0.0059	
2/20/2023	<0.005	<0.005							
2/21/2023			0.0072		0.0038 (J)		<0.005		0.0069
2/22/2023				0.0035 (J)					
8/9/2023		0.0033 (J)	0.0032 (J)	<0.005	<0.005				
8/10/2023	<0.005								

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24	GWC-25
8/14/2023						<0.005			
8/15/2023							<0.005		0.0098
8/16/2023								0.0034 (J)	
2/14/2024						0.0031 (J)			
2/19/2024					<0.005		<0.005		
2/20/2024	<0.005			<0.005					
2/21/2024		<0.005	0.0065						0.0042 (J)
2/22/2024								0.024	
7/30/2024					0.0028 (J)		<0.005		
8/1/2024									0.0033 (J)
8/2/2024				<0.005					
8/6/2024			<0.005			0.007		0.0049 (J)	
8/7/2024	<0.005	<0.005							
2/11/2025					<0.005	<0.005	<0.005		
2/13/2025	0.0031 (J)	<0.005							
2/14/2025			0.0048 (J)	0.0031 (J)				0.0076	0.0052

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/15/2011			<0.005		0.11			
9/16/2011						0.0033	0.0029	0.006
9/17/2011	0.0061	0.0044		0.02				
10/28/2011			0.0062					
10/29/2011	0.0038	0.0049						
10/30/2011						0.0071		
10/31/2011				0.028	0.099		<0.005	0.0055
12/12/2011							0.0027	0.006
12/13/2011			0.003		0.11	0.0062		
12/14/2011	0.0033	0.0057						
1/25/2012		0.0051						
2/1/2012					0.1	0.0033	<0.005	0.0046
2/7/2012	0.0036			0.0091				
2/8/2012			0.009					
7/16/2012							<0.005	0.0038
7/17/2012	0.0028	0.015			0.084	0.0083		
7/18/2012			<0.005					
1/22/2013							<0.005	0.0028
1/23/2013				0.014	0.06	0.0038		
1/24/2013	<0.005	0.0041	0.0066					
7/2/2013								0.0025
7/17/2013						0.0059	<0.005	
7/24/2013	<0.005	0.0036	<0.005		0.073			
1/21/2014								0.0036
1/23/2014	0.019	0.02	0.0028	0.012	0.038	0.008	0.0034	
6/25/2014							0.00083 (J)	0.0021 (J)
7/1/2014			0.0014 (J)	0.015	0.054			
7/8/2014	0.0048	0.0032						
1/14/2015							0.0014 (J)	0.0022 (J)
1/20/2015			<0.005		0.033	0.0058		
1/21/2015	0.0022 (J)	0.0039		0.0081				
7/28/2015								0.0016 (J)
7/29/2015						0.0049	<0.005	
7/30/2015		0.0033	<0.005		0.029			
7/31/2015	<0.005							
1/19/2016			<0.005					
1/21/2016							<0.005	0.0016 (J)
1/22/2016		0.012						
1/25/2016	0.0035			0.0067	0.037	0.0046		
7/21/2016			<0.005				<0.005	<0.005
7/22/2016					0.078	<0.005		
7/26/2016	<0.005	<0.005						
7/27/2016				0.014 (J)				
1/19/2017	0.015 (J)							
1/20/2017		<0.005						
1/24/2017			<0.005					
1/25/2017				<0.02		<0.005	<0.005	
1/26/2017					0.07			<0.005
8/3/2017	<0.005	<0.005			0.059		<0.005	<0.005
8/4/2017			<0.005	0.033		<0.005		
1/19/2018		<0.005						
1/22/2018	<0.005							

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/23/2018				0.026	0.065	<0.005	<0.005	<0.005
1/24/2018			<0.005					
6/19/2018								<0.005
6/20/2018							<0.005	
6/21/2018			<0.005					
6/26/2018					0.047	<0.005		
6/27/2018	<0.005	<0.005		0.012 (J)				
1/21/2019								<0.005
1/24/2019	<0.005	0.0041 (J)						
1/28/2019							0.0031 (J)	
1/30/2019			<0.005		0.053	0.0096		
1/31/2019				0.008				
6/25/2019	0.0045 (J)							
6/26/2019		<0.005		0.011		0.0056	<0.005	<0.005
6/27/2019			<0.005		0.082			
9/10/2019			0.019					
9/11/2019				0.081			0.0068	
9/12/2019	0.0059	0.0079			0.098	0.01		0.0045 (J)
3/11/2020			0.022				0.0032 (J)	0.0034 (J)
3/12/2020		0.0051				0.0061		
3/13/2020	0.0087							
3/17/2020				0.044				
3/18/2020					0.13			
9/9/2020		0.0079						
9/10/2020			<0.005					
9/11/2020				0.0094			<0.005	<0.005
9/15/2020	0.0042 (J)				0.07			
9/16/2020						0.012		
3/16/2021				0.014			<0.005	<0.005
3/17/2021	<0.005				0.081			
3/18/2021		<0.005	0.078 (O)			<0.005		
8/18/2021								<0.005
8/19/2021	0.0049 (J)							
8/23/2021		<0.005	<0.005					
8/24/2021					0.022	<0.005	<0.005	
8/25/2021				0.0074				
3/2/2022			<0.005				<0.005	<0.005
3/8/2022		<0.005						
3/9/2022	<0.005				0.024	0.12 (O)		
3/10/2022				0.0066				
5/4/2022						0.022		
8/10/2022	0.0053	0.0071	<0.005		0.017		0.0049 (J)	
8/15/2022						0.018		0.014
8/16/2022				0.016				
2/14/2023			<0.005					
2/15/2023					0.024			
2/20/2023		<0.005				0.0038 (J)	<0.005	<0.005
2/21/2023	<0.005							
2/22/2023				0.011				
8/15/2023		<0.005			0.019	<0.005		
8/16/2023	<0.005		<0.005	0.022			<0.005	<0.005
2/20/2024	<0.005	<0.005			0.028	<0.005		

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

Time Series

Constituent: Zinc (mg/L) Analysis Run 7/30/2025 1:43 PM View: Descriptive

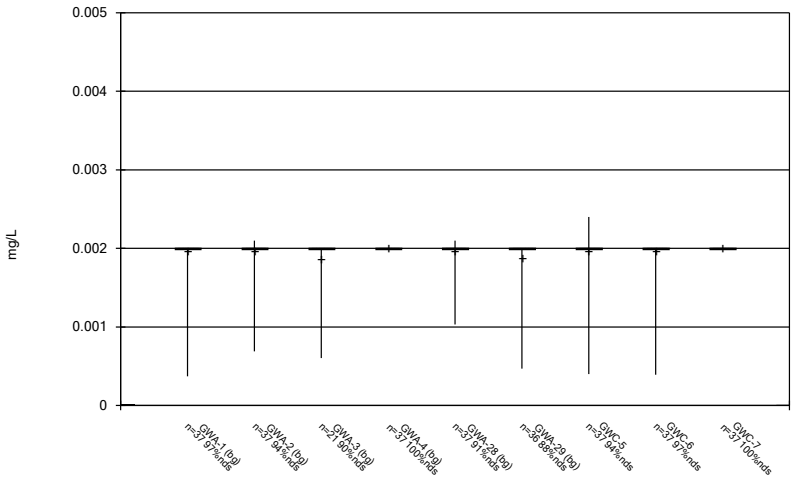
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-27	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
2/21/2024			<0.005	0.0041 (J)				
2/22/2024							<0.005	<0.005
7/30/2024		<0.005						
7/31/2024						<0.005		
8/2/2024	<0.005			0.038				
8/5/2024			<0.005				<0.005	0.0031 (J)
8/6/2024					0.023			
2/11/2025		<0.005						
2/13/2025	<0.005		<0.005				<0.005	
2/18/2025				0.012				0.0032 (J)
2/19/2025					0.025	0.0032 (J)		

FIGURE B.

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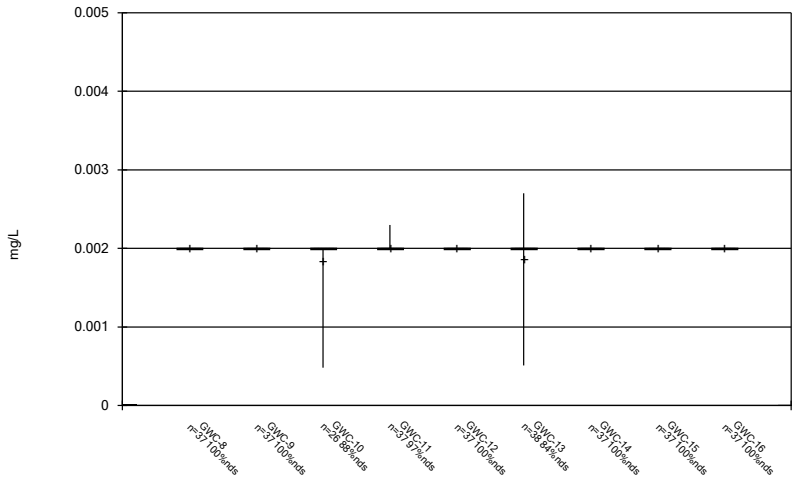
Box & Whiskers Plot



Constituent: Antimony Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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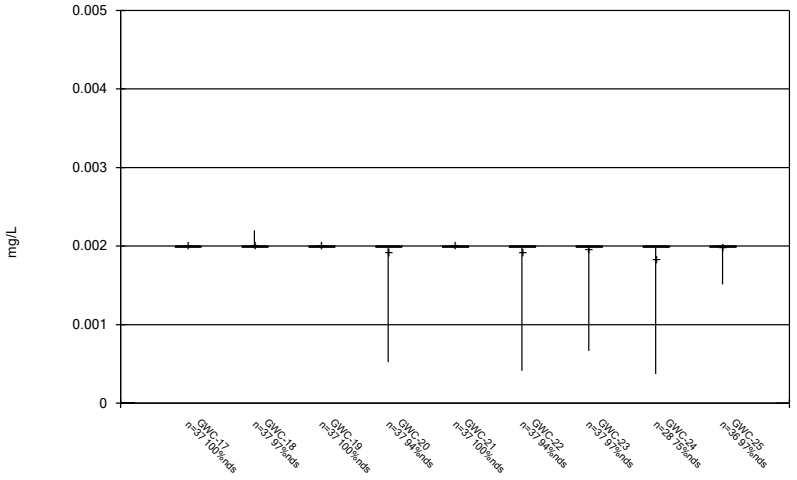
Box & Whiskers Plot



Constituent: Antimony Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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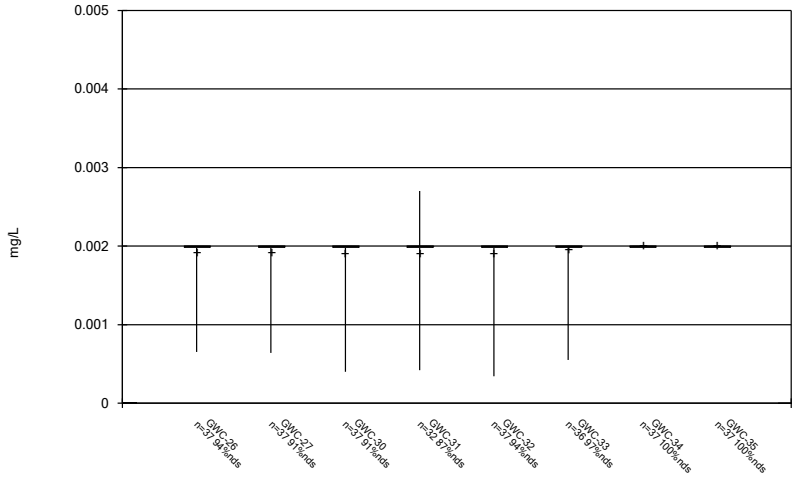
Box & Whiskers Plot



Constituent: Antimony Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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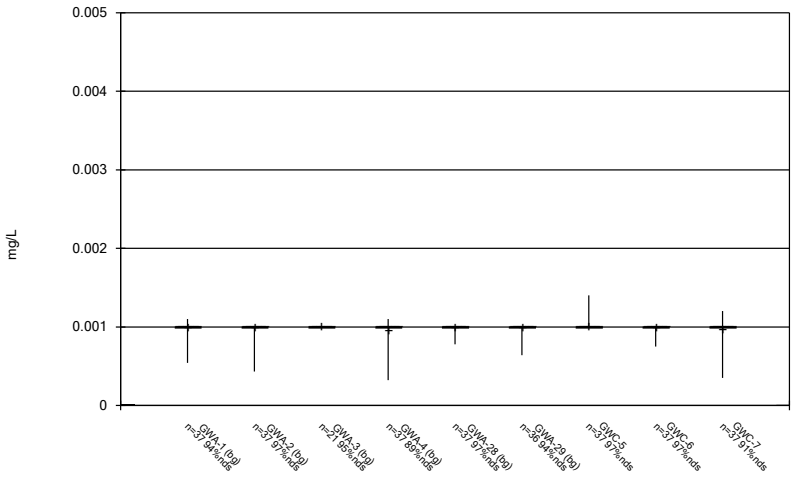
Box & Whiskers Plot



Constituent: Antimony Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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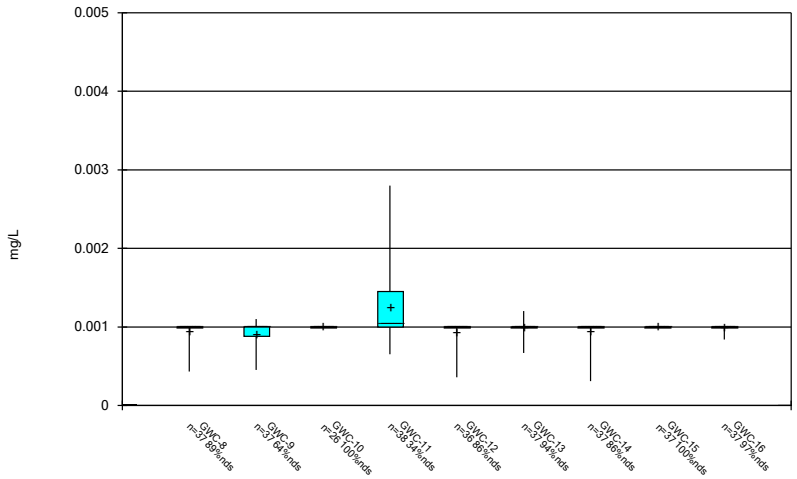
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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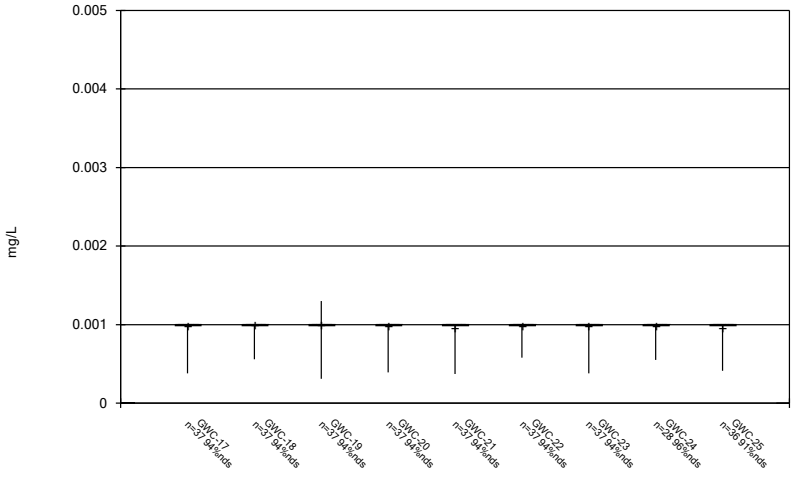
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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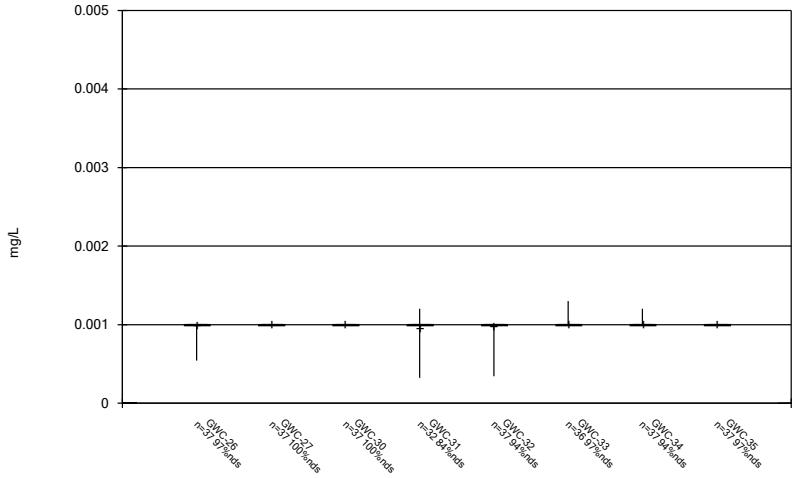
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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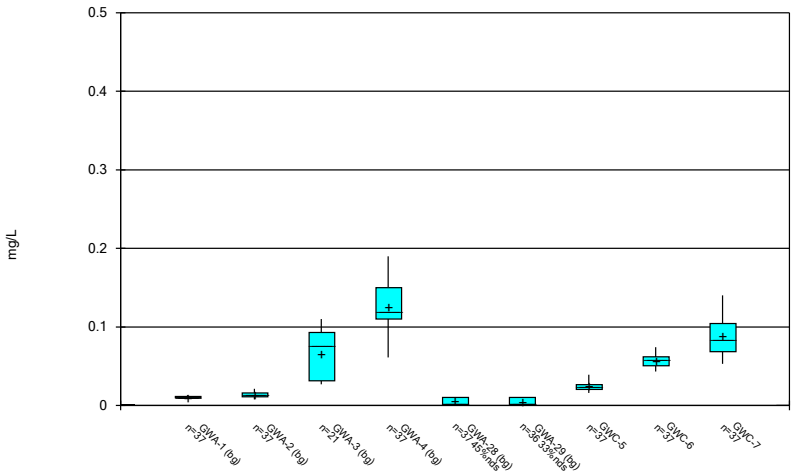
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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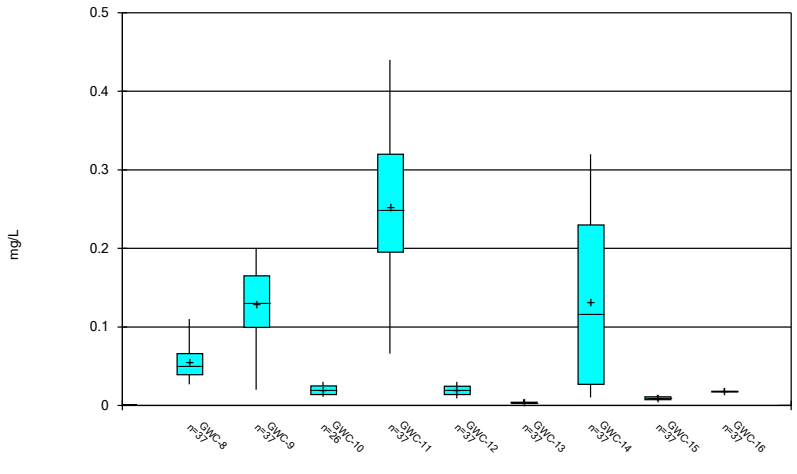
Box & Whiskers Plot



Constituent: Barium Analysis Run 7/30/2025 1:49 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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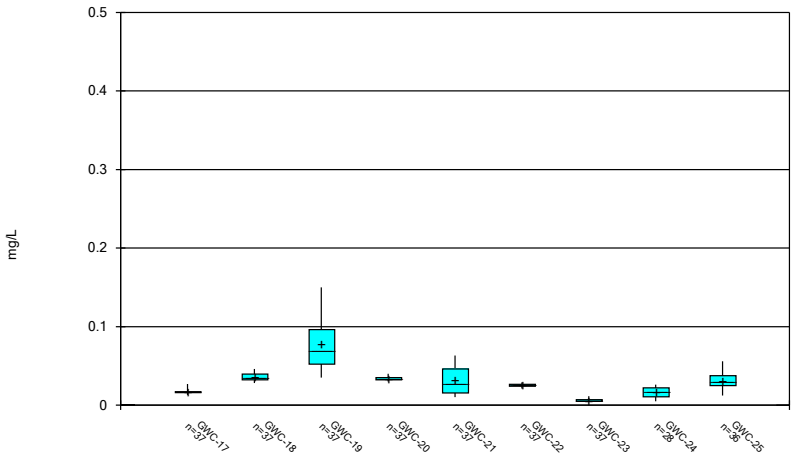
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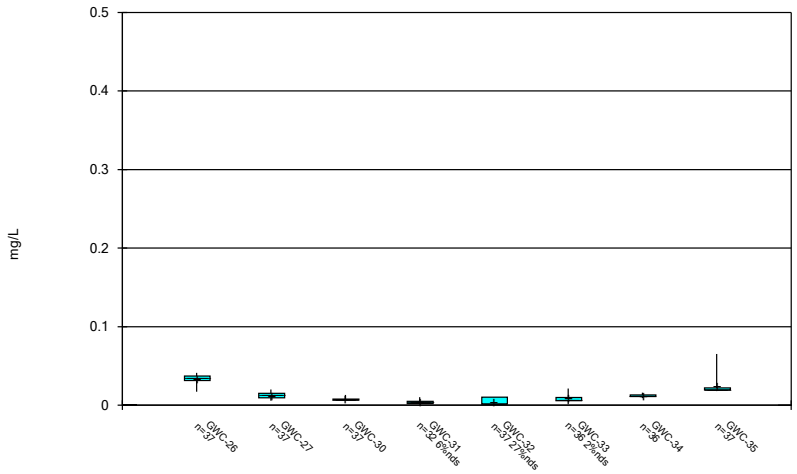
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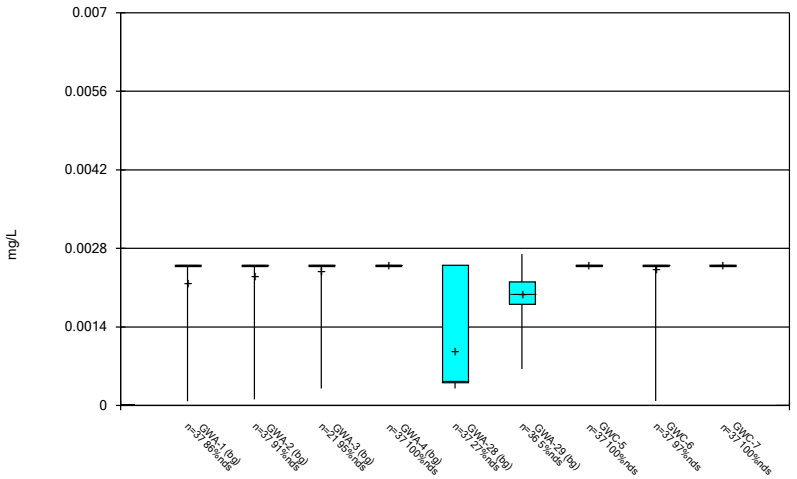
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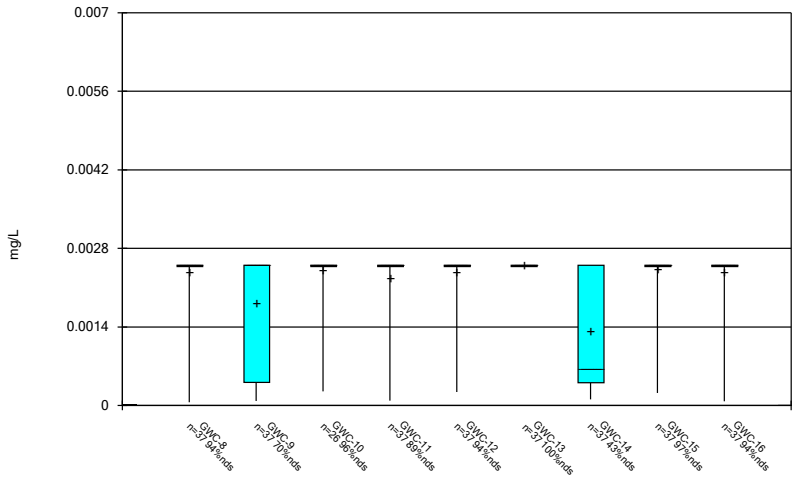
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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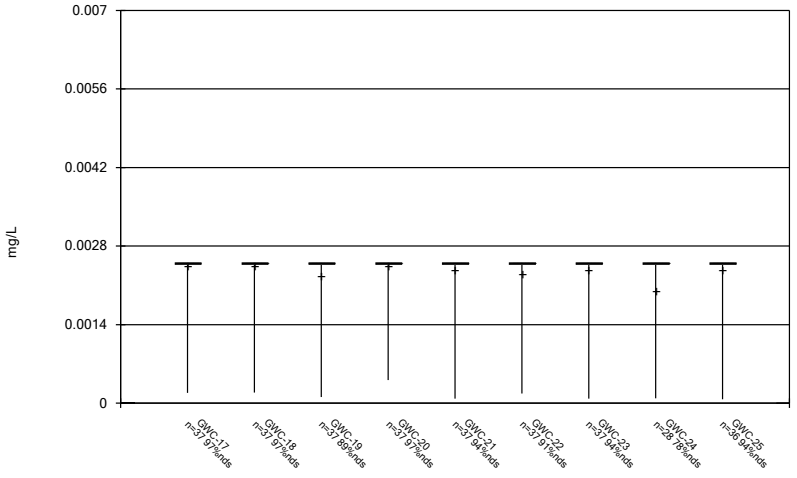
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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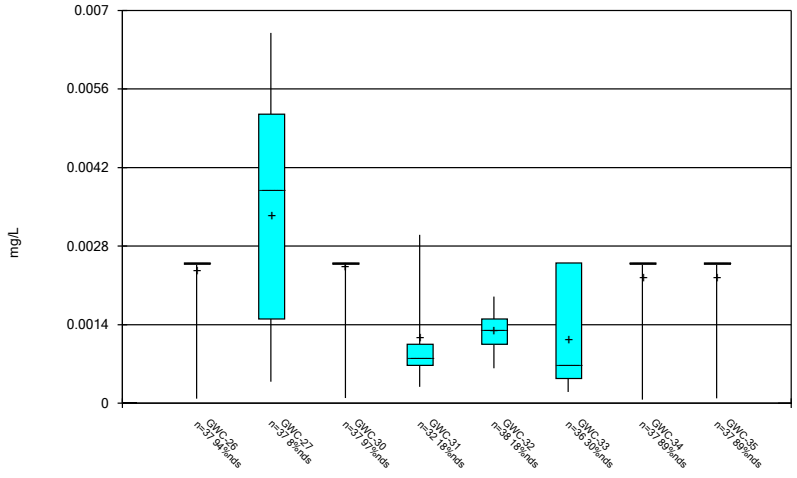
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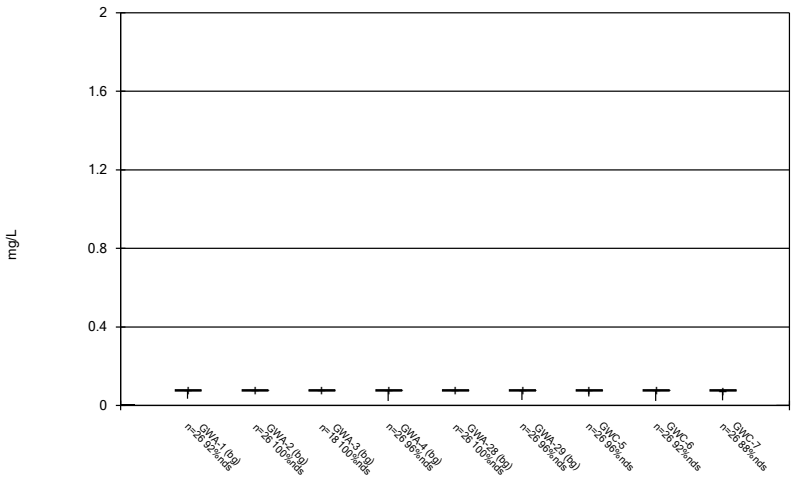
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Box & Whiskers Plot



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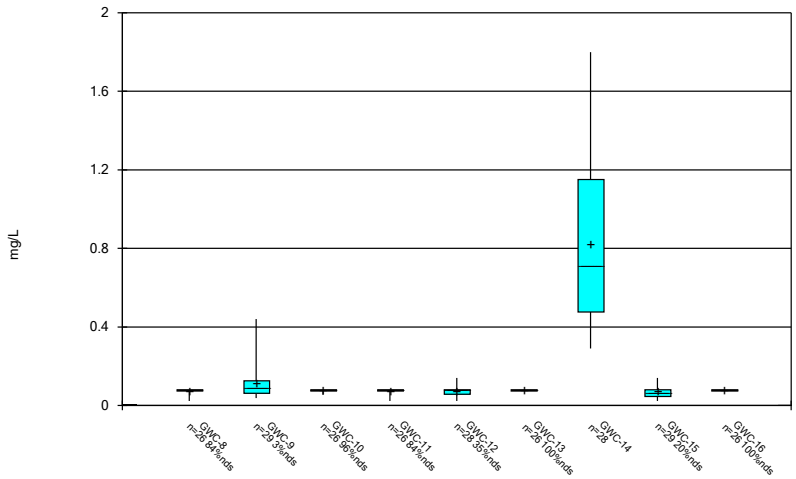
Box & Whiskers Plot



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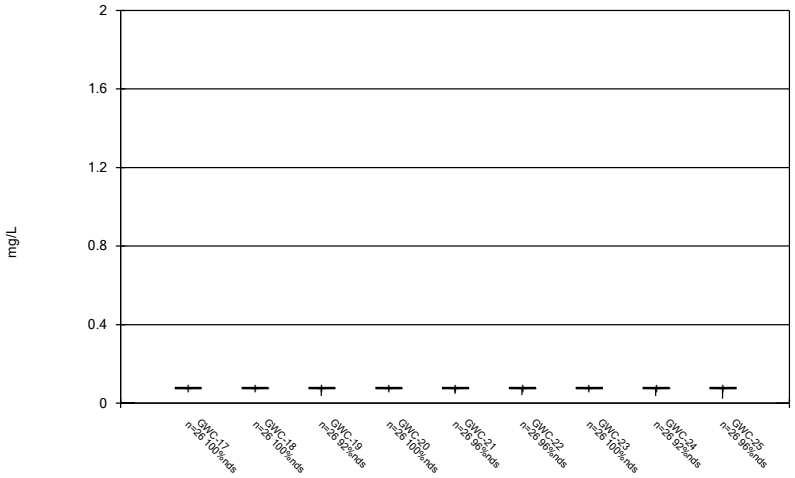
Box & Whiskers Plot



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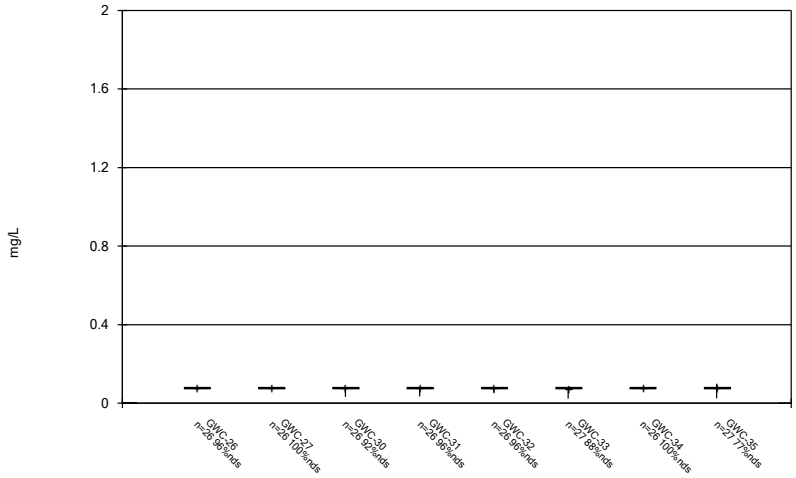
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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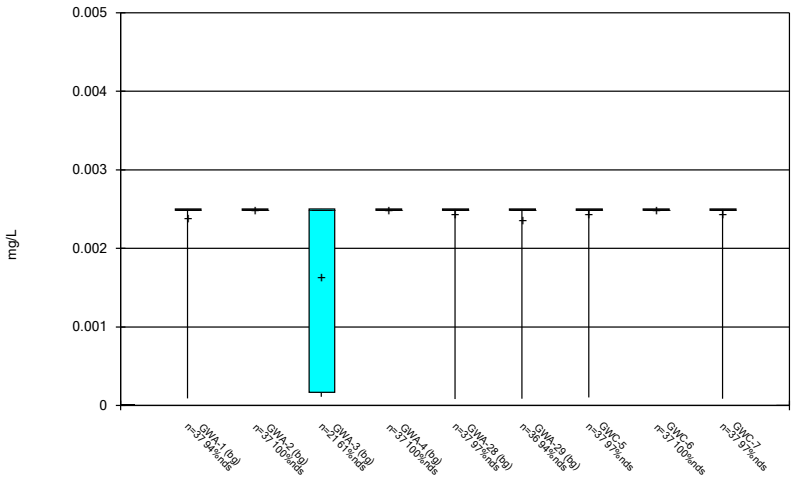
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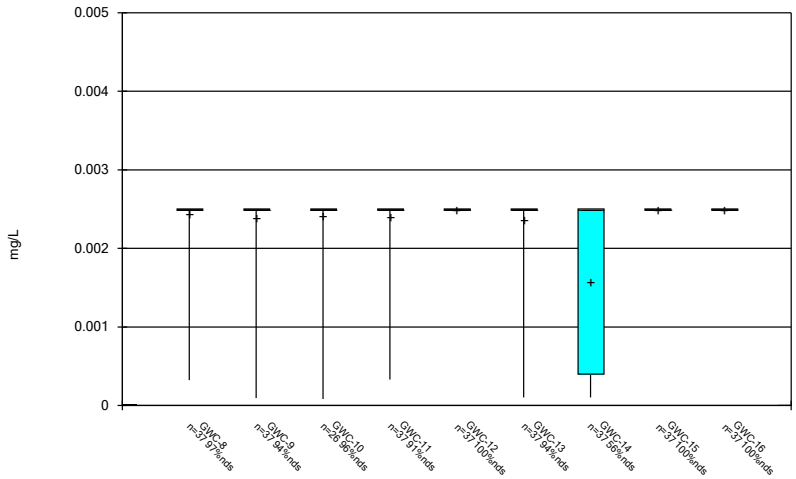
Box & Whiskers Plot



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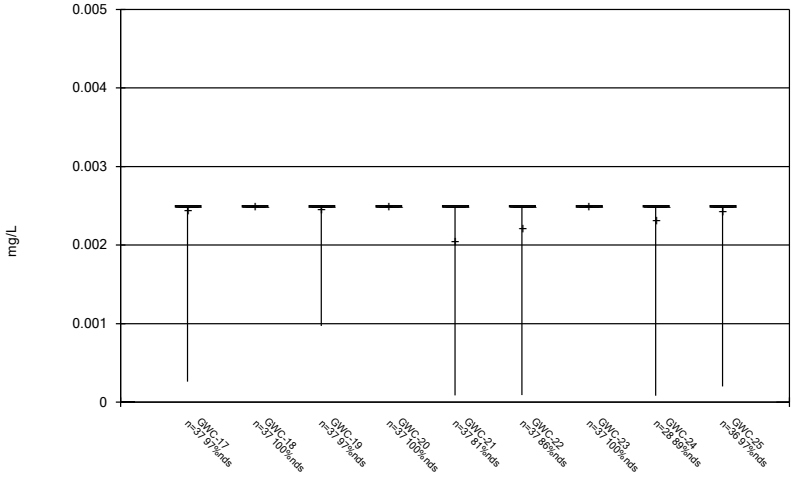
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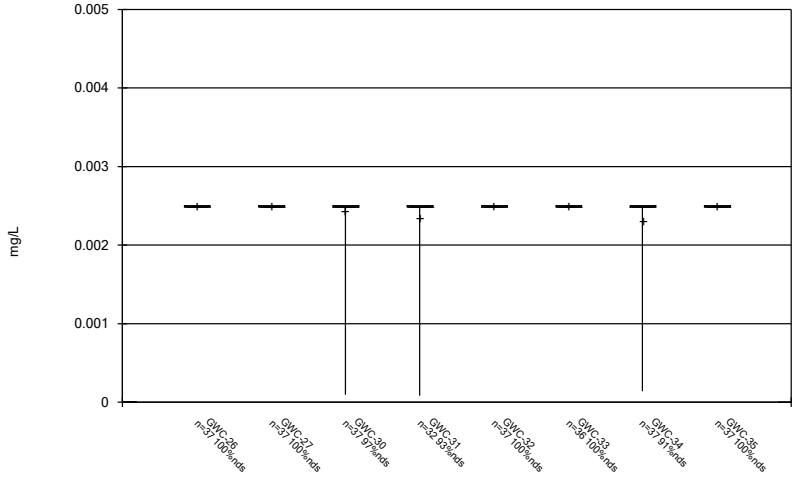
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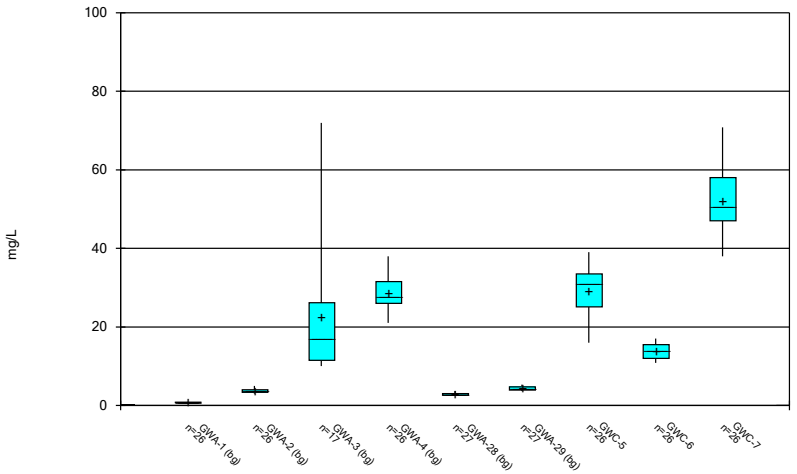
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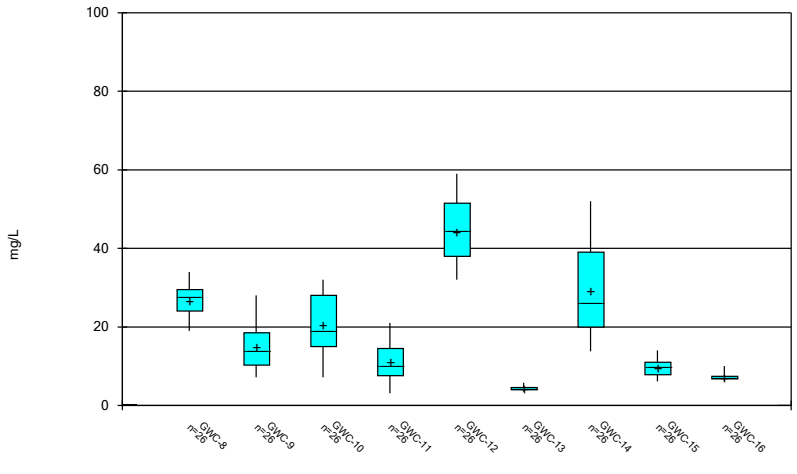
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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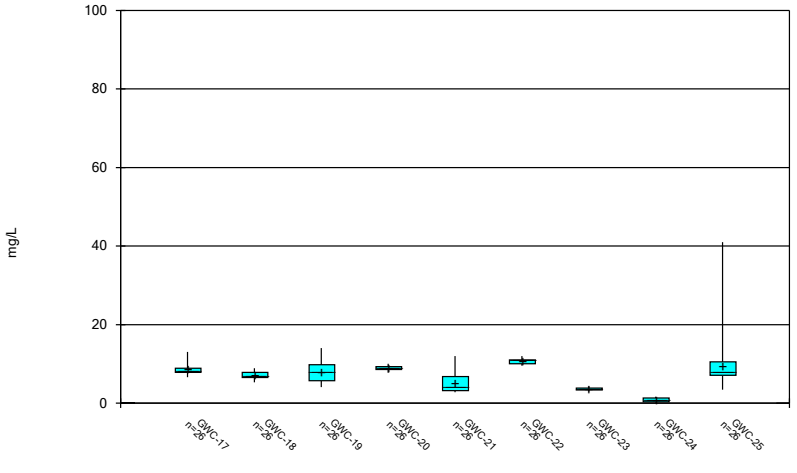
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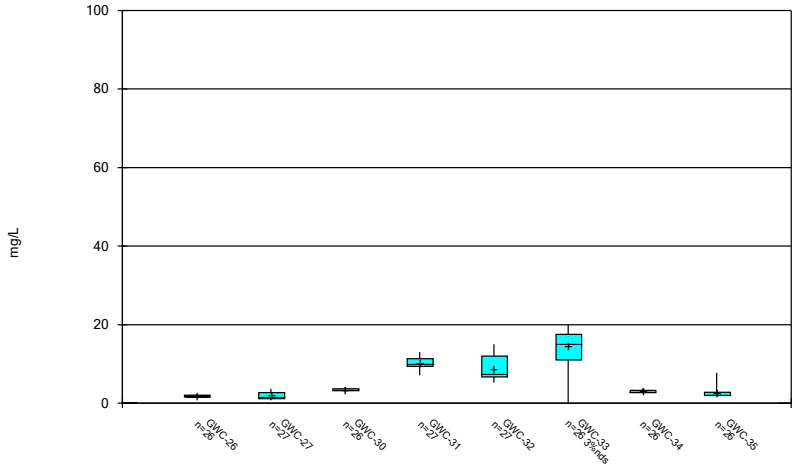
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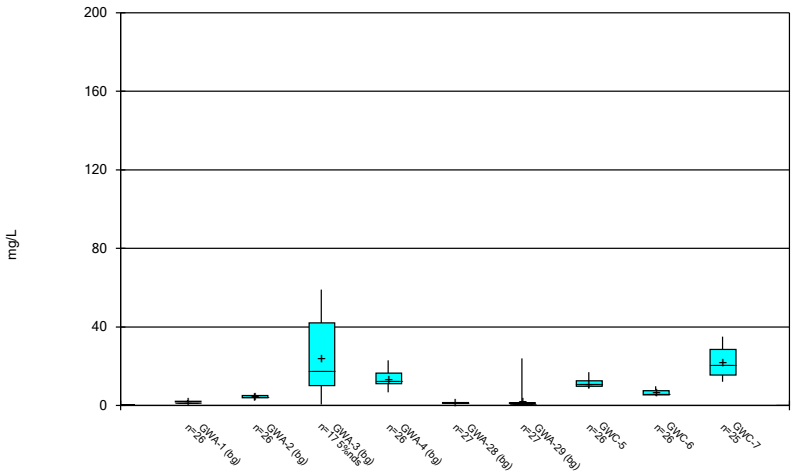
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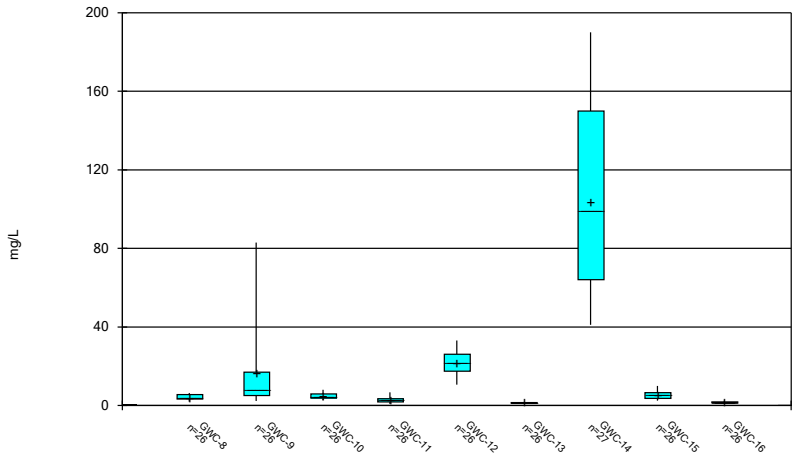
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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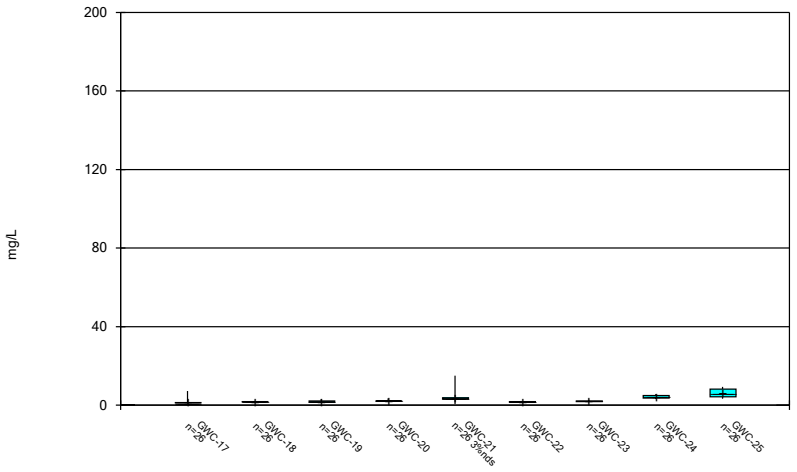
Box & Whiskers Plot



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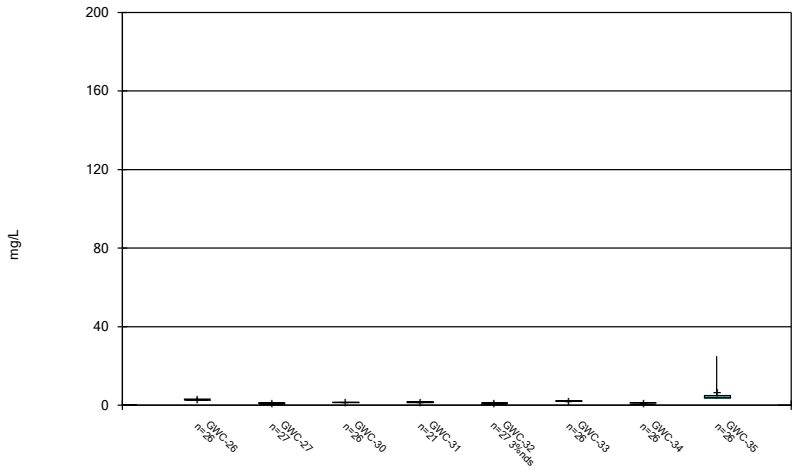
Box & Whiskers Plot



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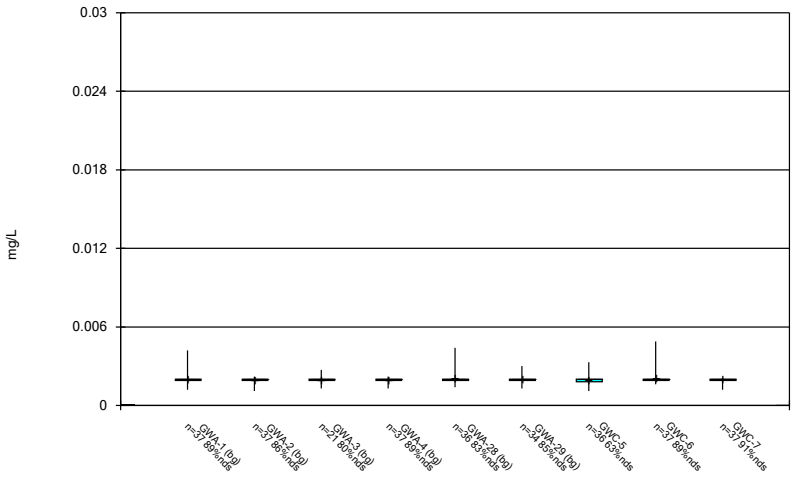
Box & Whiskers Plot



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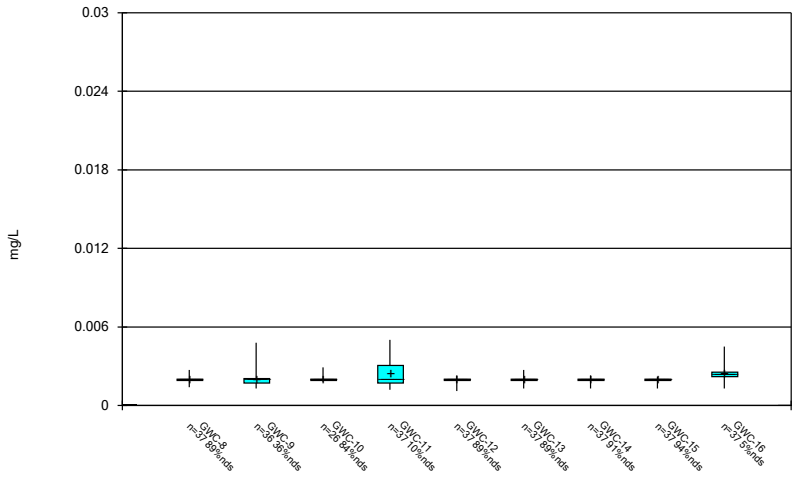
Box & Whiskers Plot



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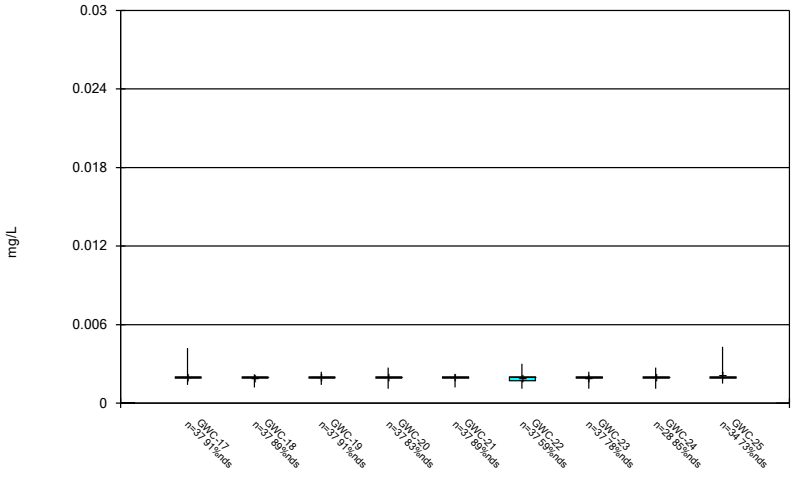
Box & Whiskers Plot



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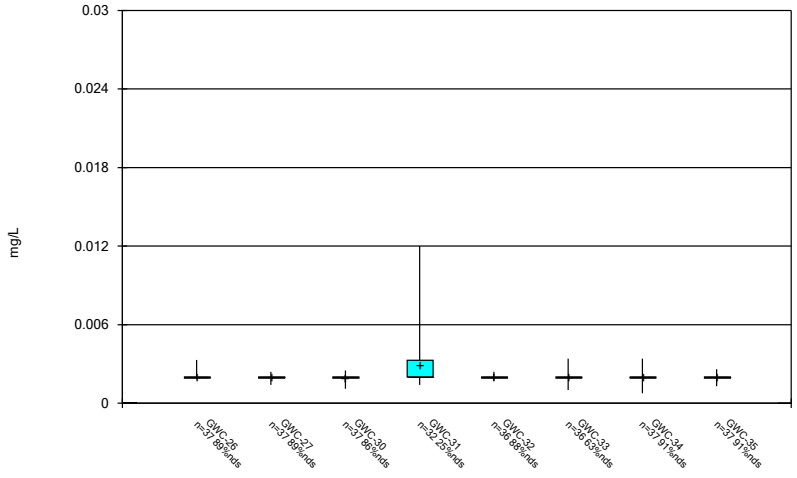
Box & Whiskers Plot



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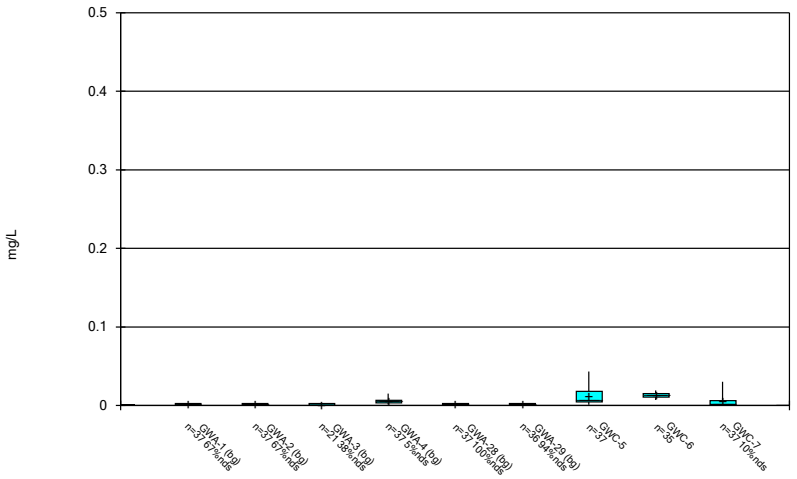
Box & Whiskers Plot



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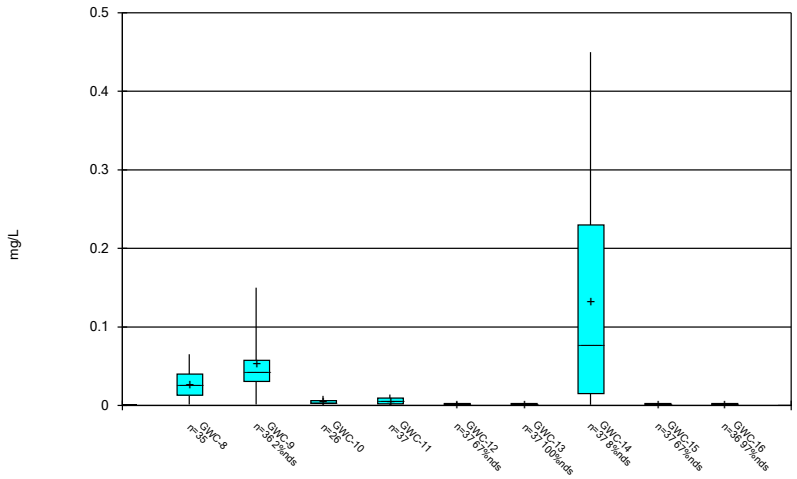
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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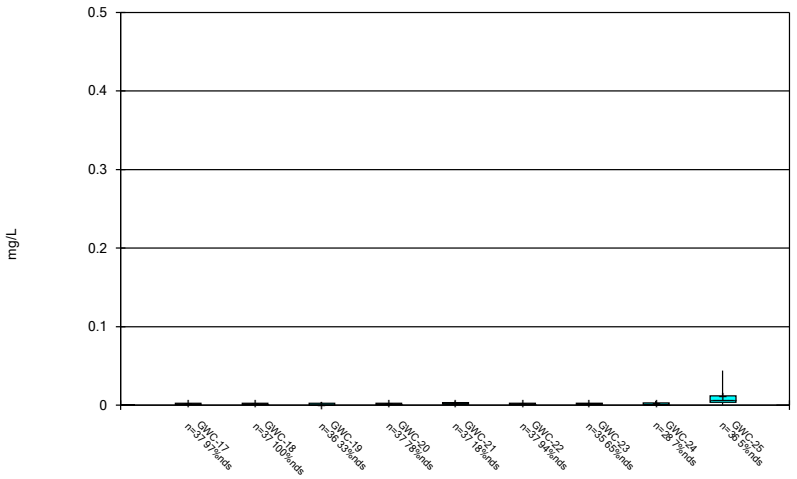
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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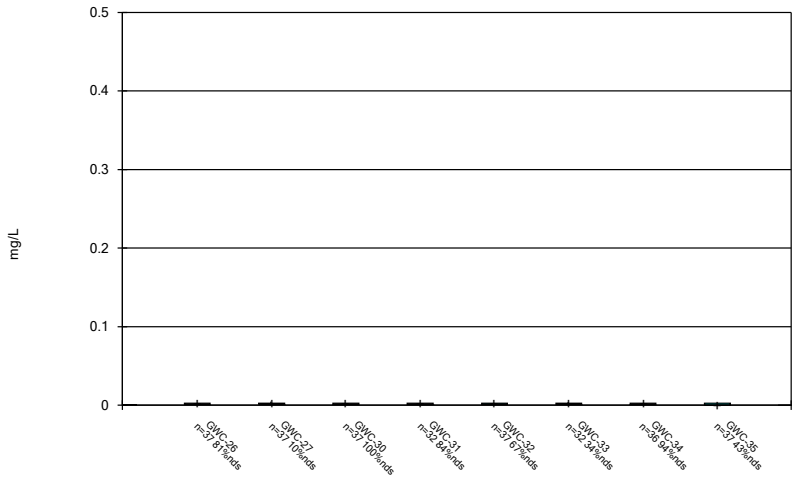
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 7/30/2025 1:50 PM View: Descriptive
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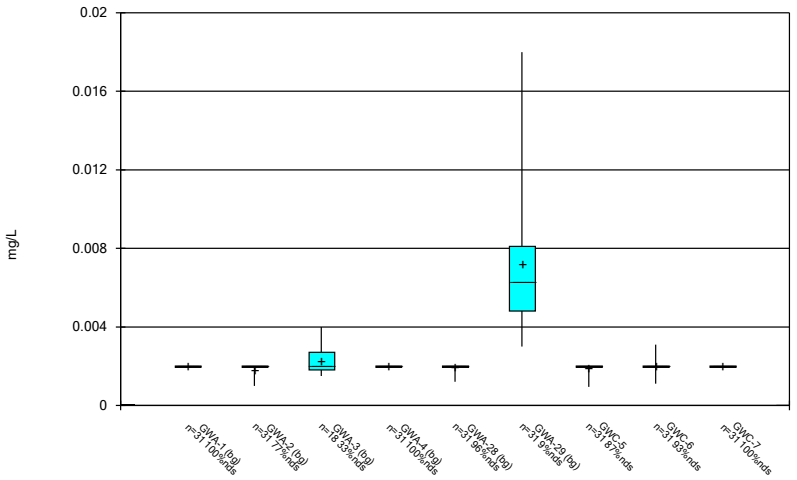
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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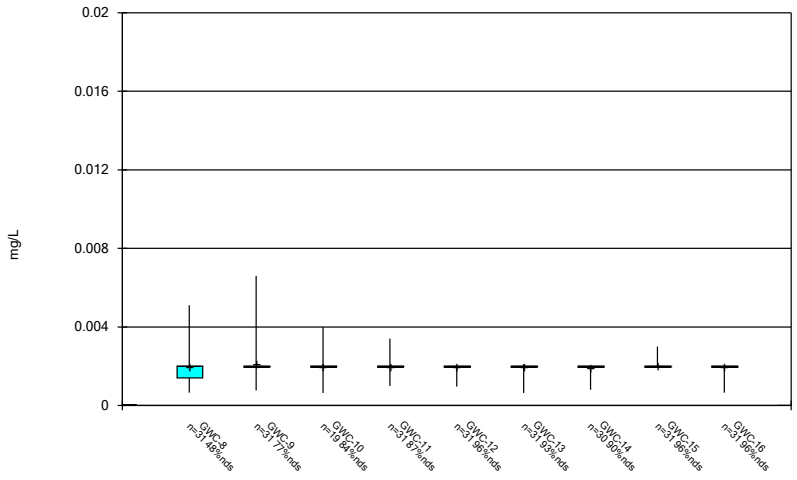
Box & Whiskers Plot



Constituent: Copper Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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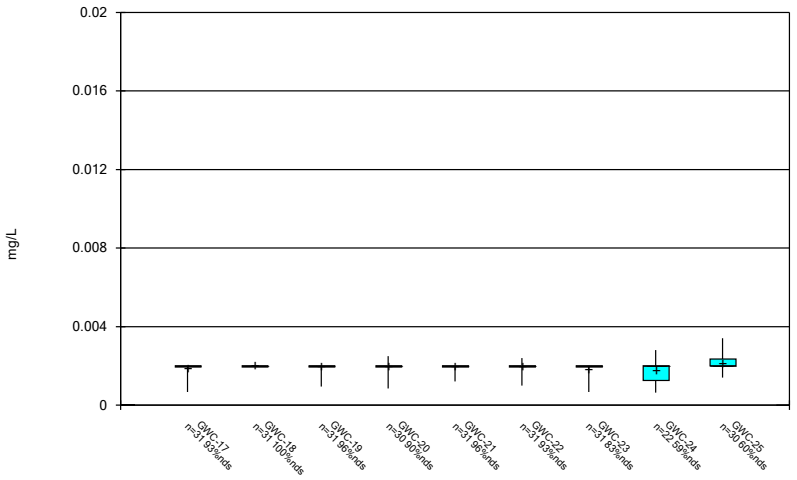
Box & Whiskers Plot



Constituent: Copper Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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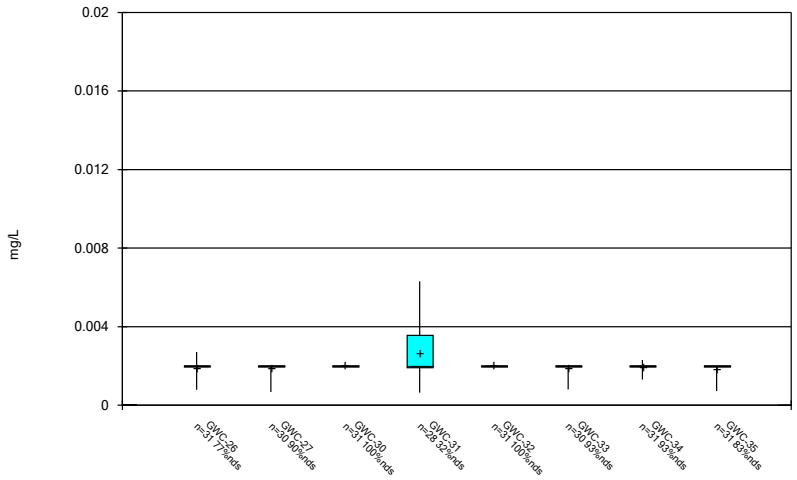
Box & Whiskers Plot



Constituent: Copper Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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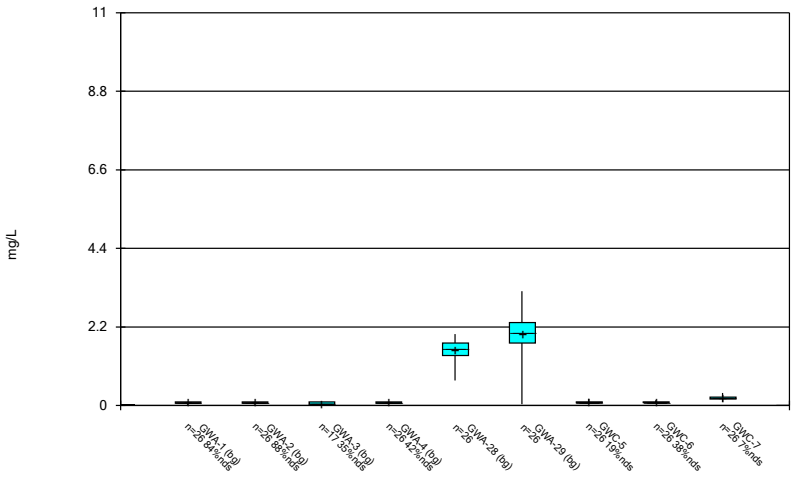
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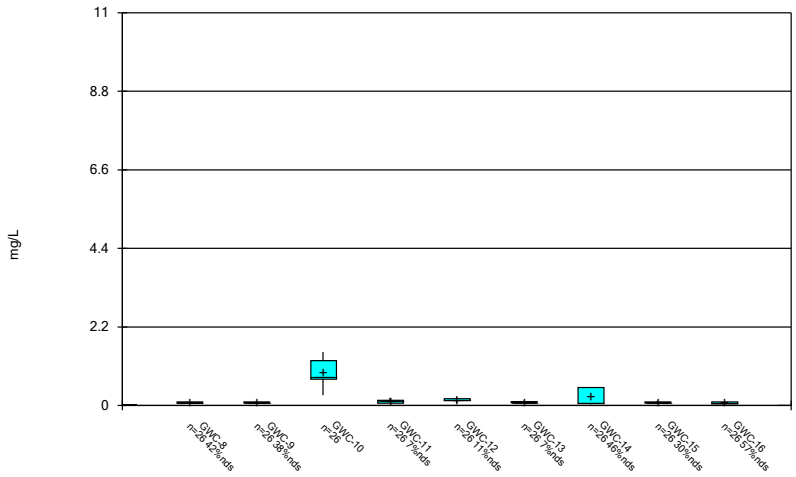
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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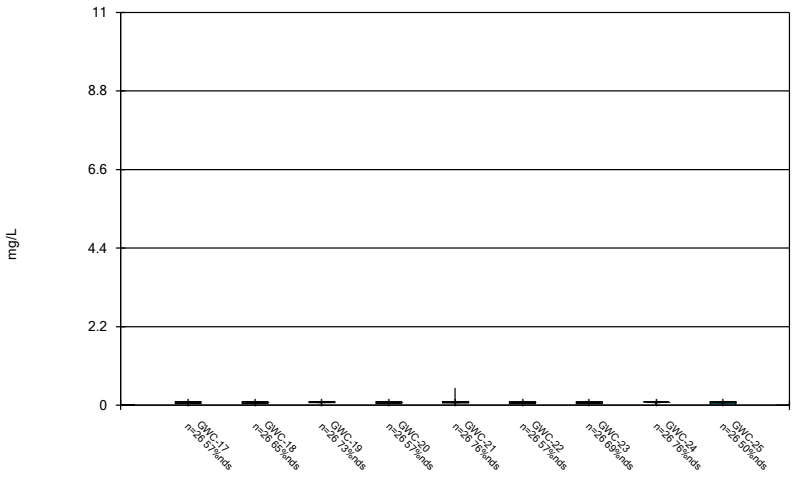
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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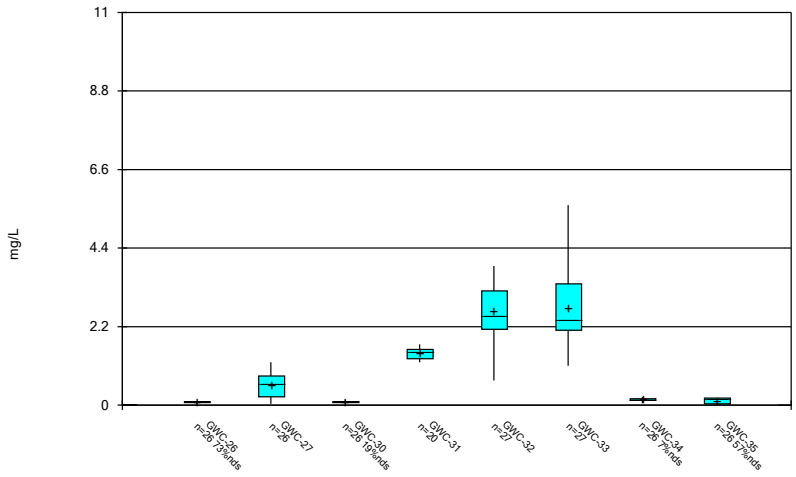
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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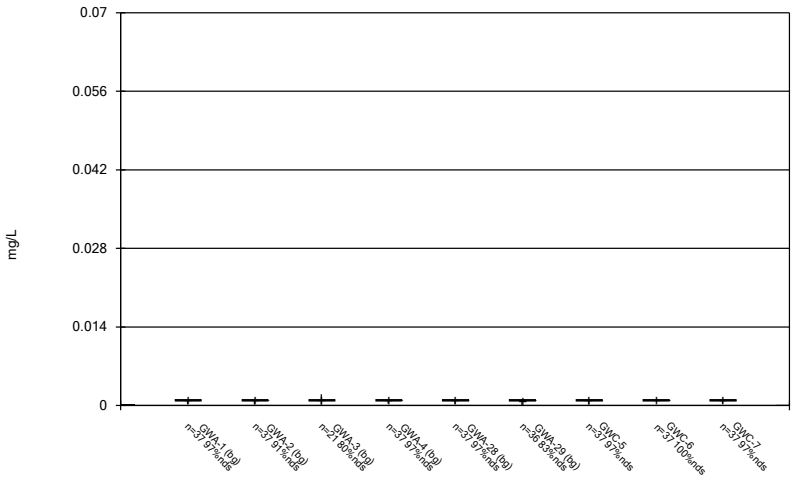
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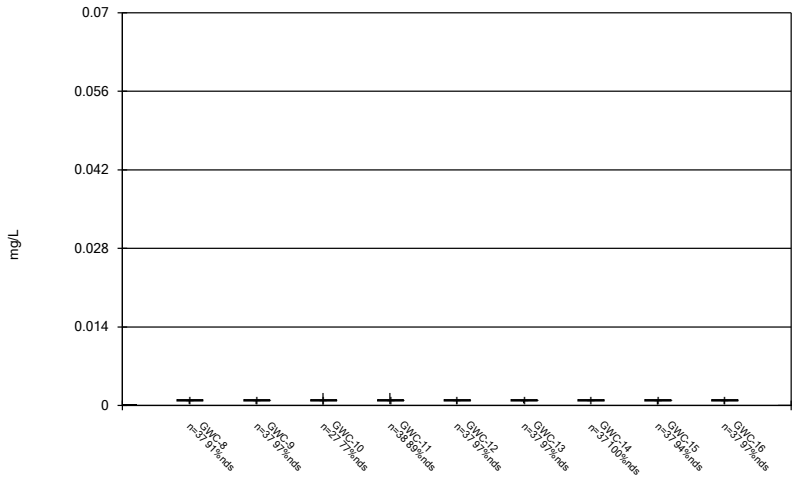
Box & Whiskers Plot



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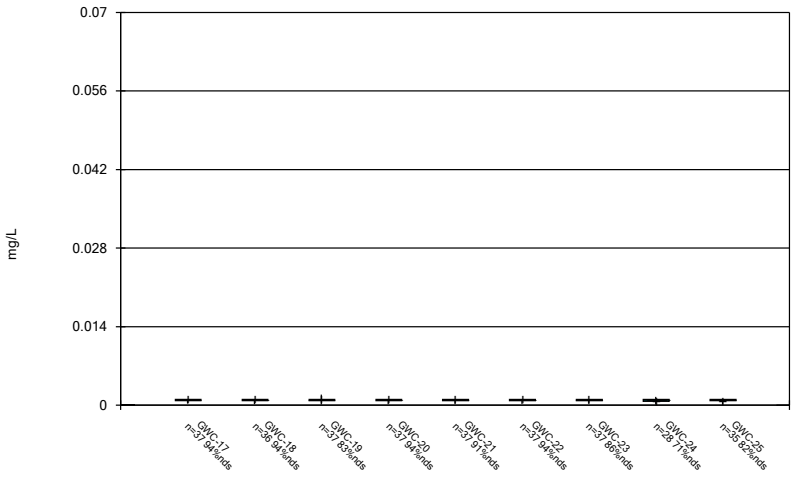
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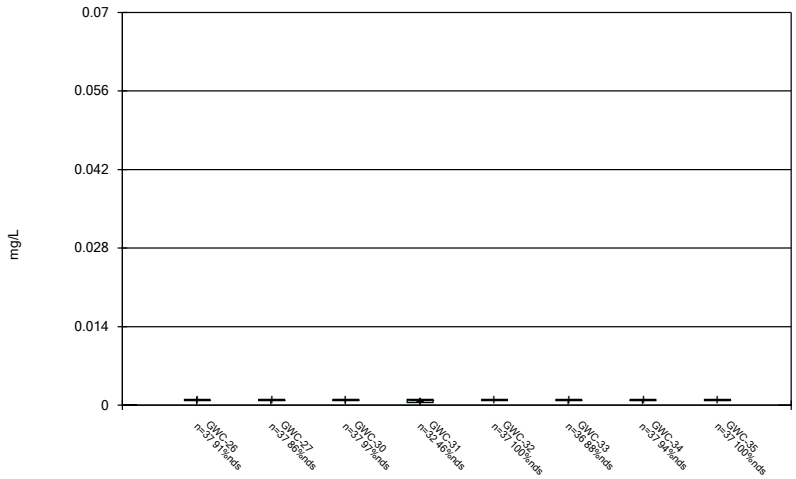
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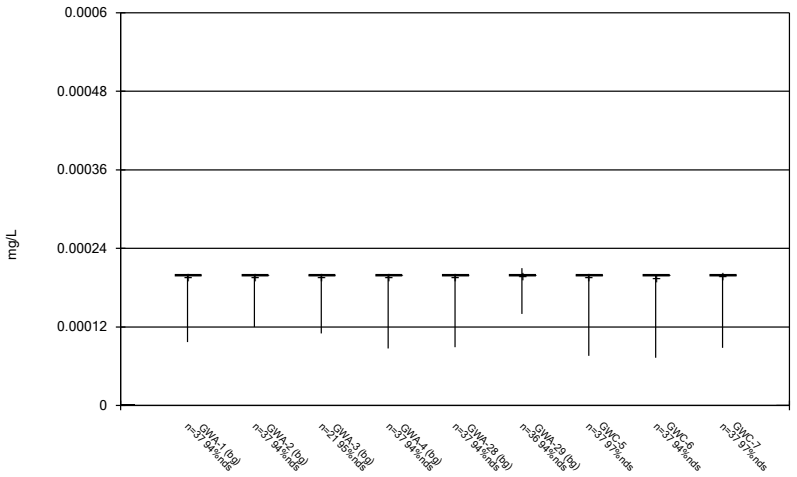
Box & Whiskers Plot



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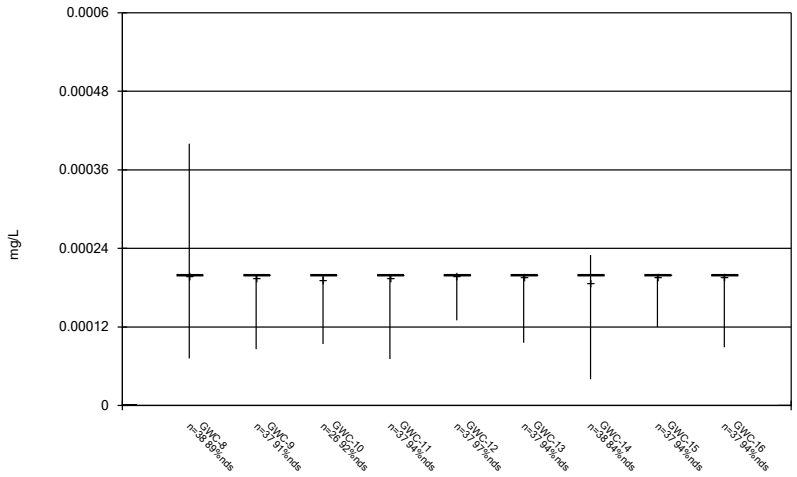
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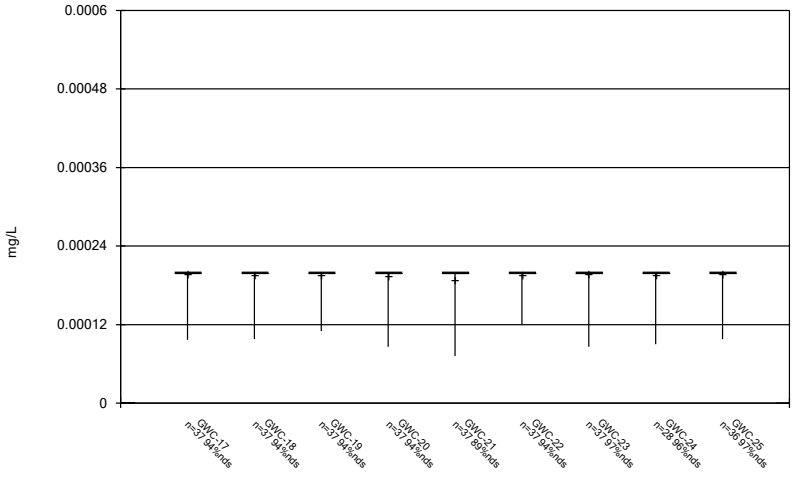
Box & Whiskers Plot



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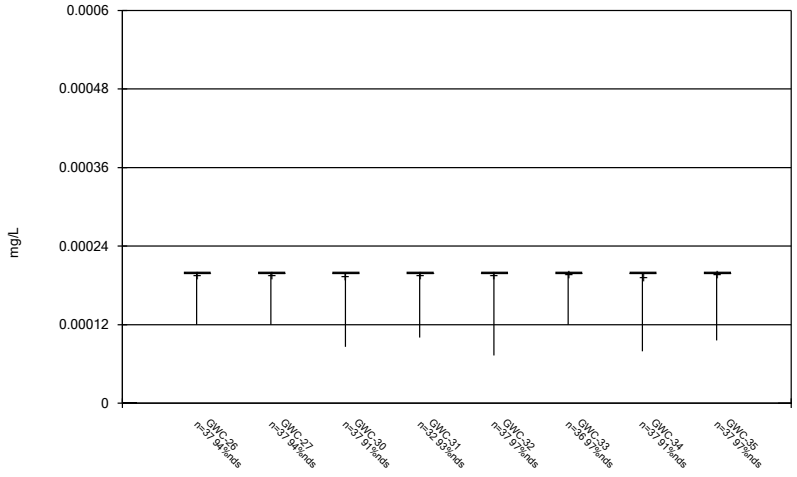
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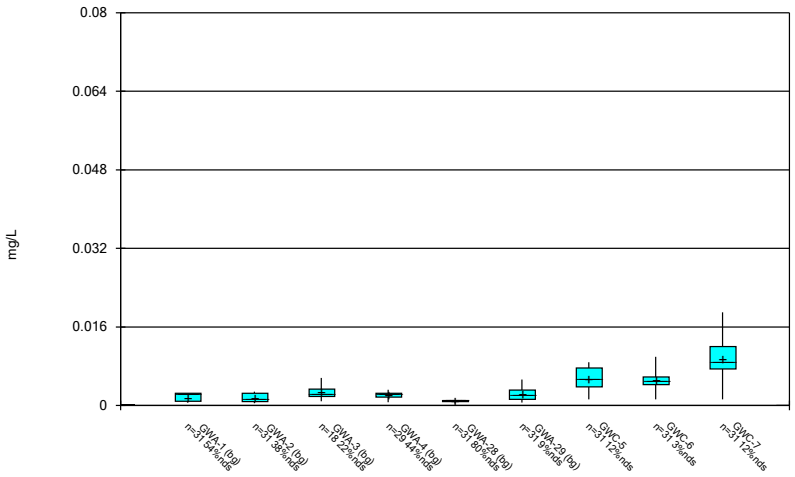
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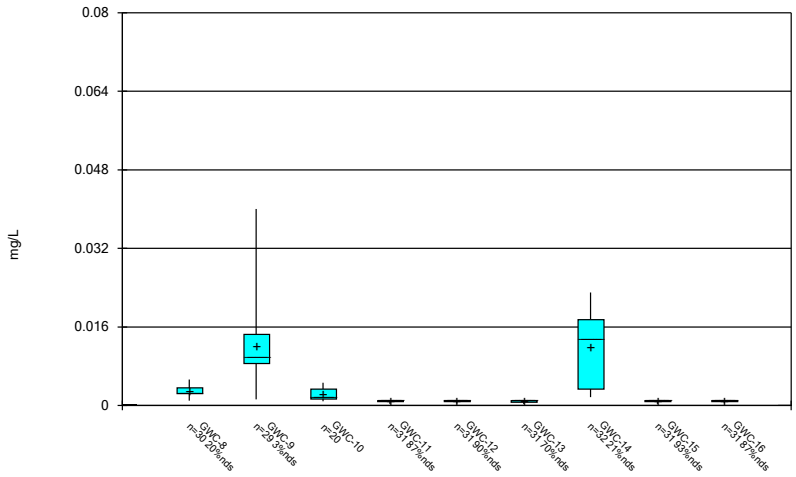
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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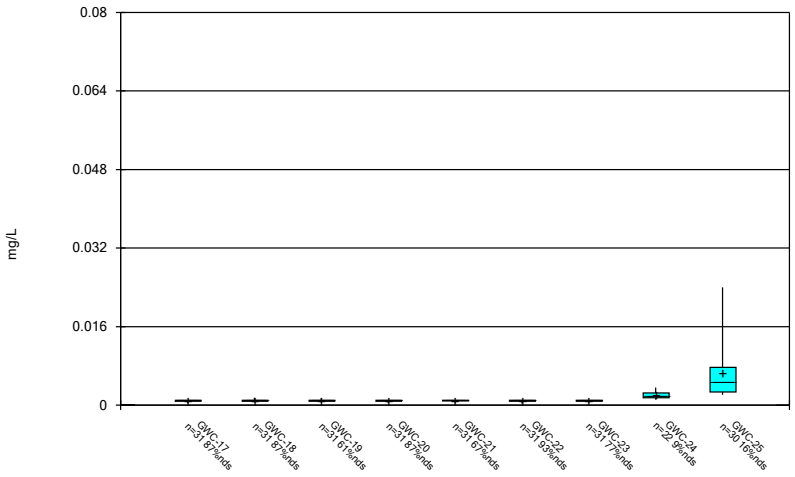
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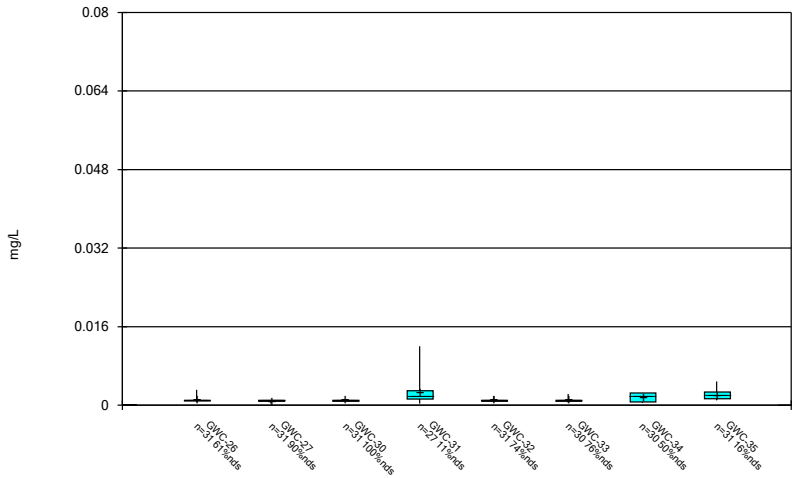
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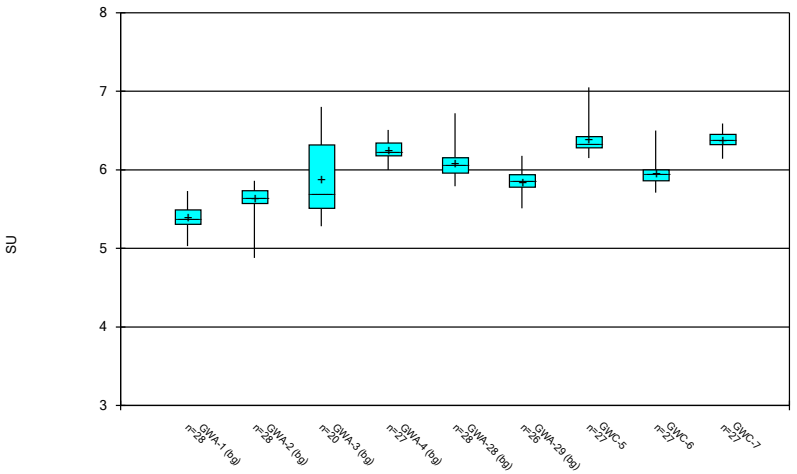
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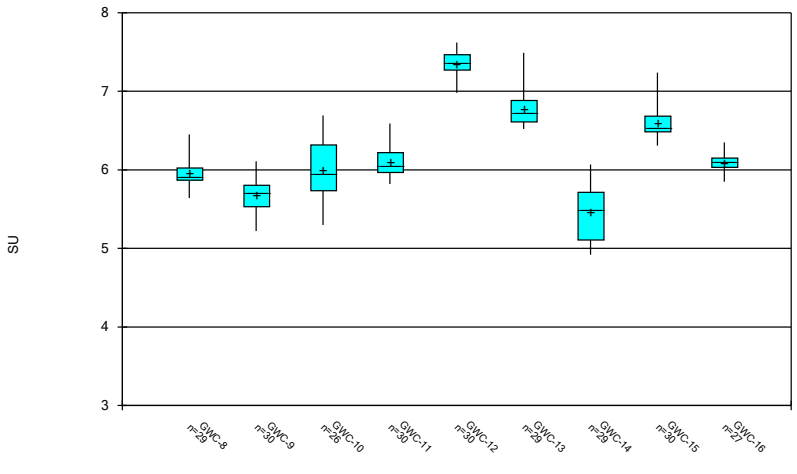
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 7/30/2025 1:50 PM View: Descriptive
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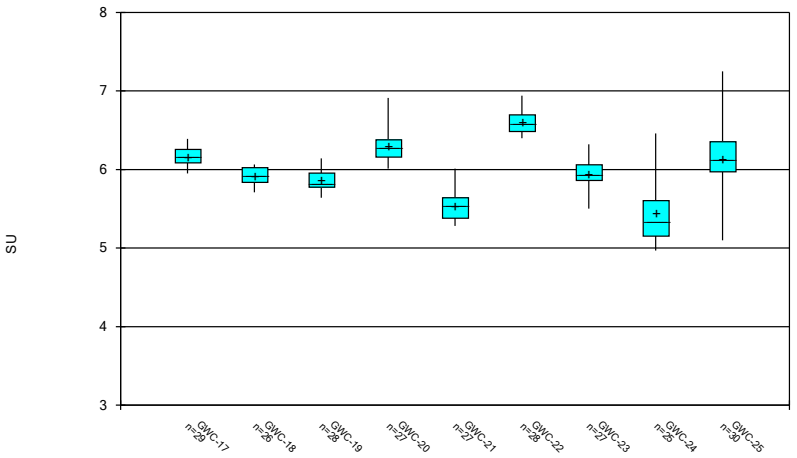
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 7/30/2025 1:50 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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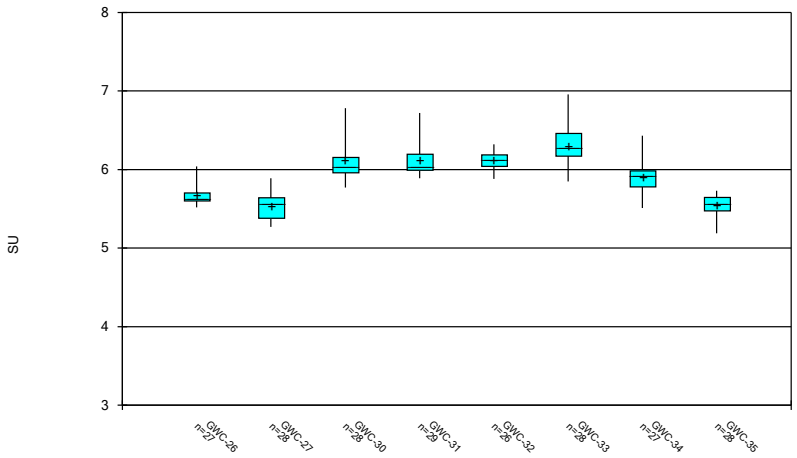
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 7/30/2025 1:50 PM View: Descriptive
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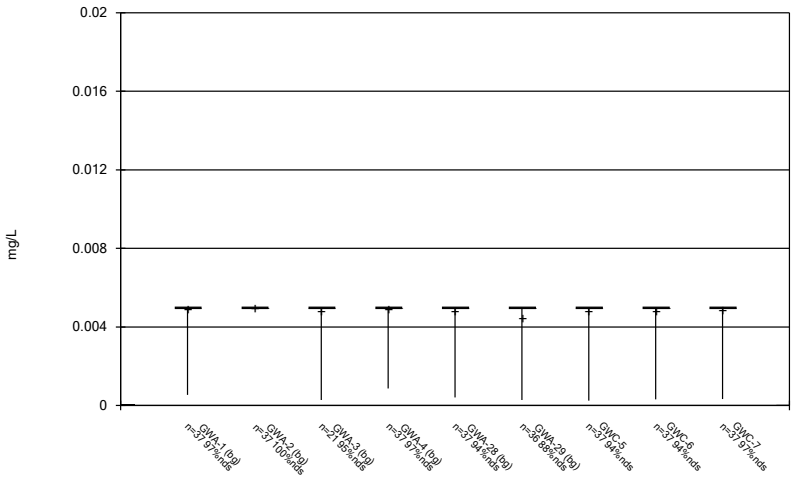
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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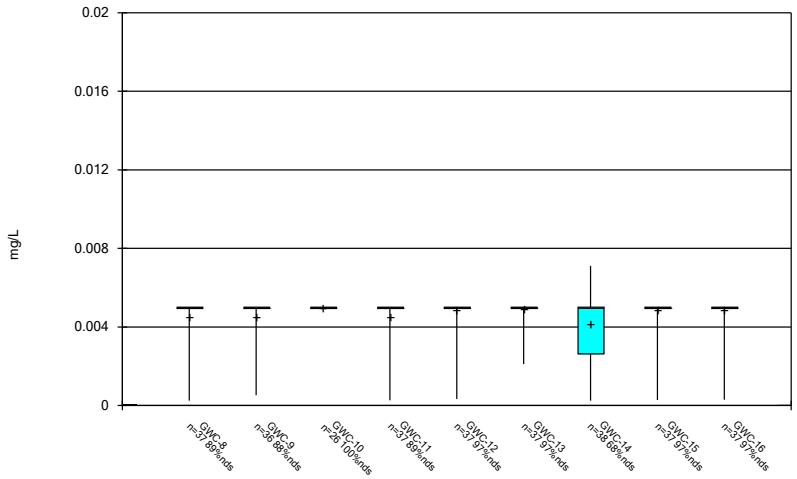
Box & Whiskers Plot



Constituent: Selenium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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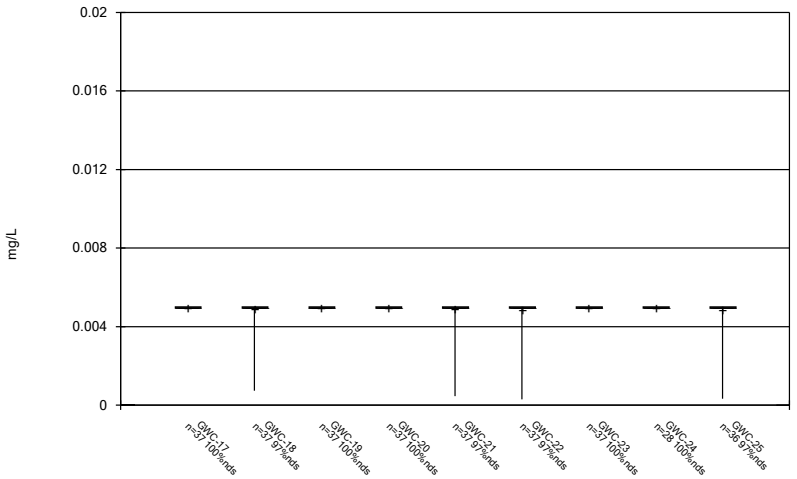
Box & Whiskers Plot



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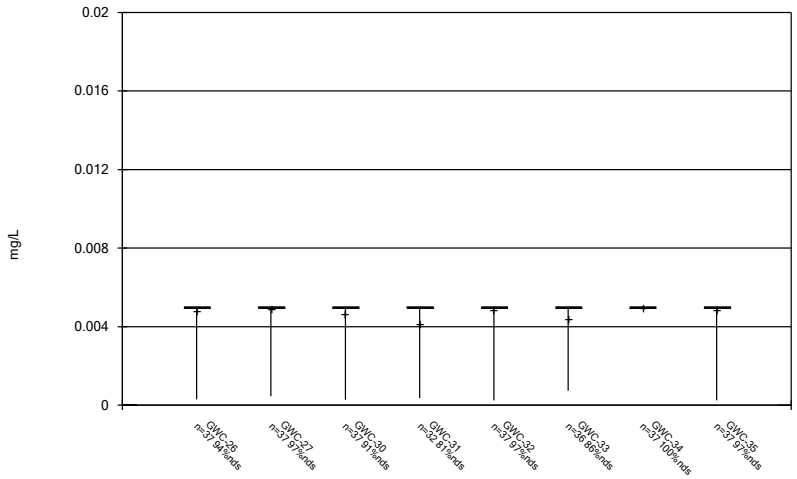
Box & Whiskers Plot



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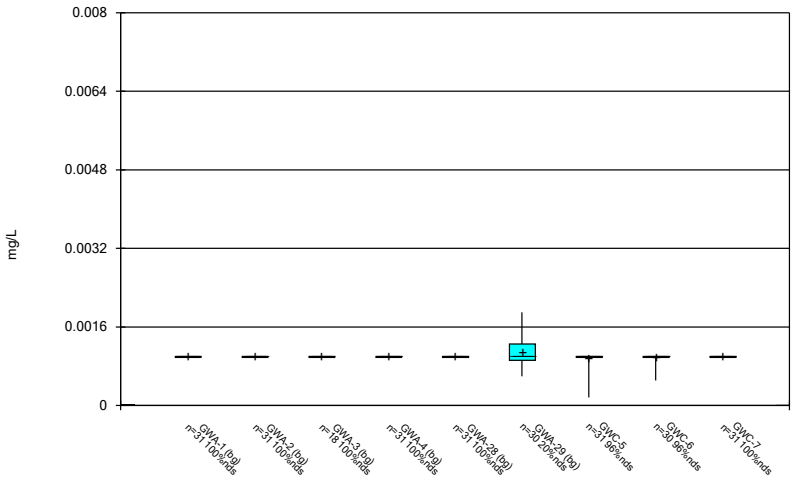
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Box & Whiskers Plot



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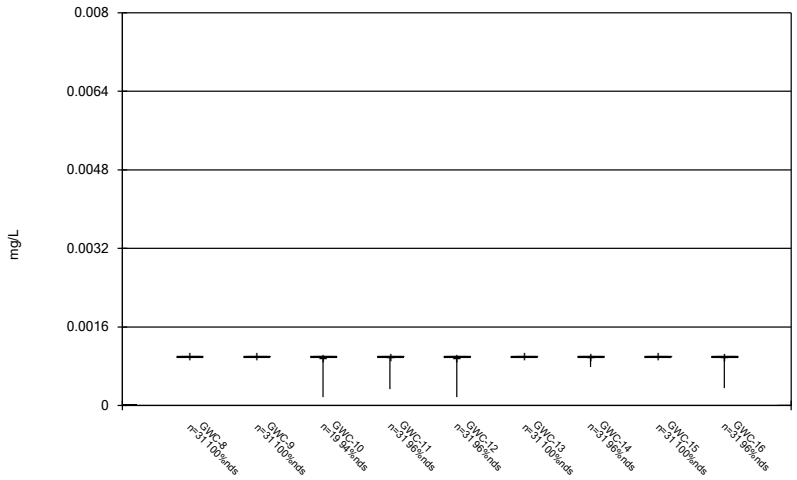
Box & Whiskers Plot



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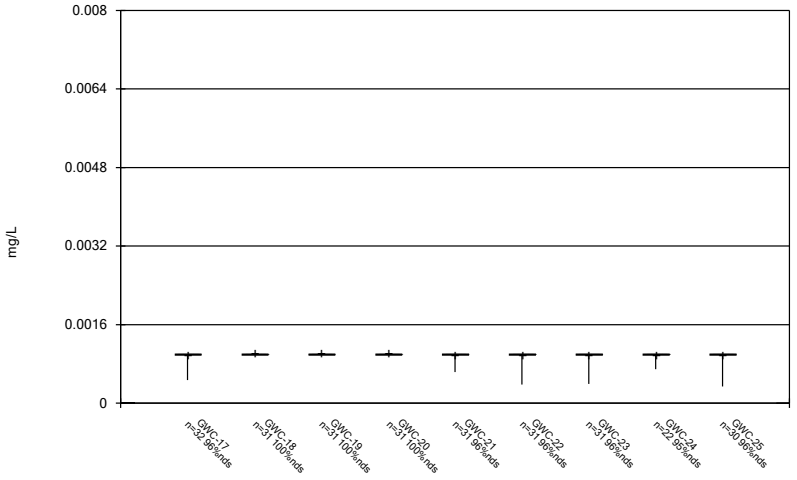
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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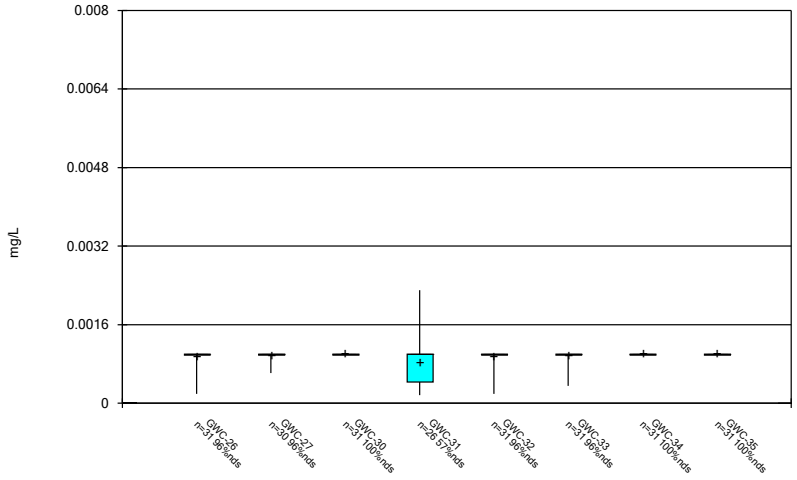
Box & Whiskers Plot



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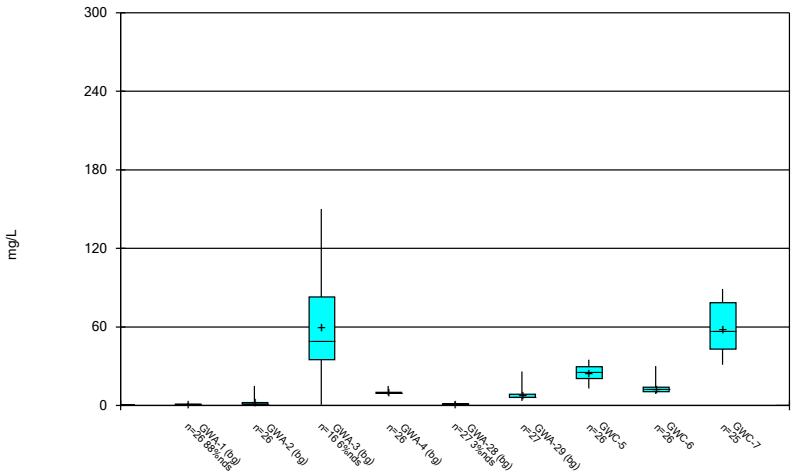
Box & Whiskers Plot



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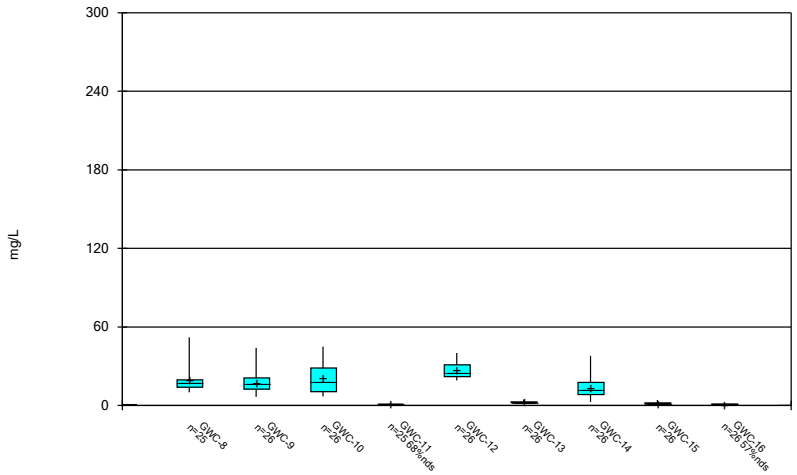
Box & Whiskers Plot



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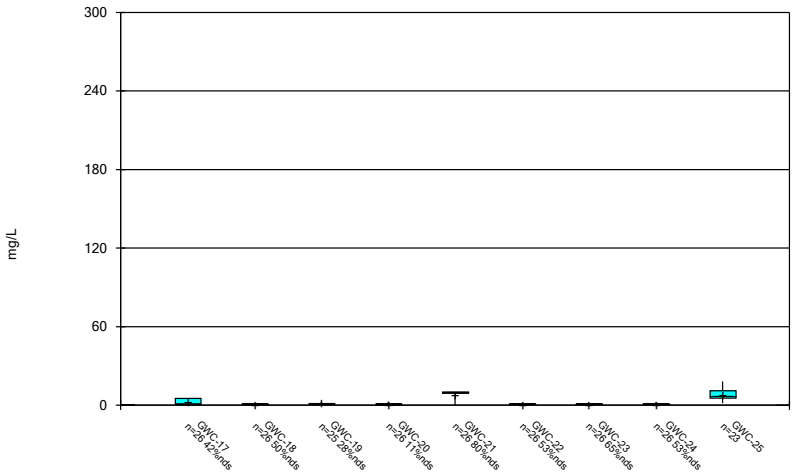
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

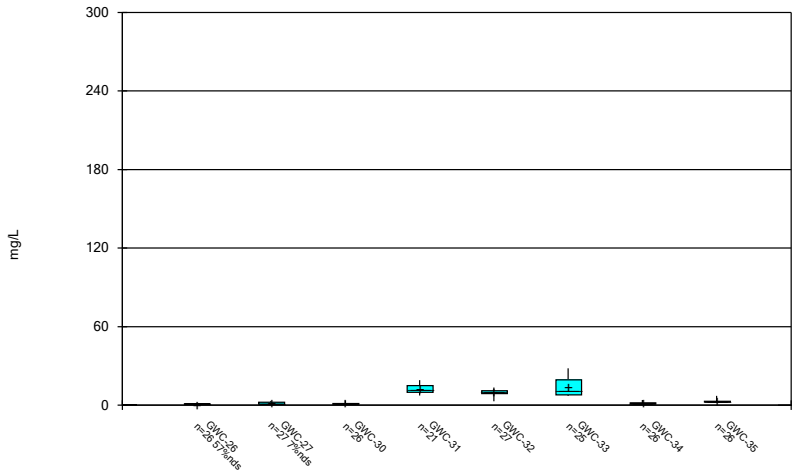
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 7/30/2025 1:51 PM View: Descriptive
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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

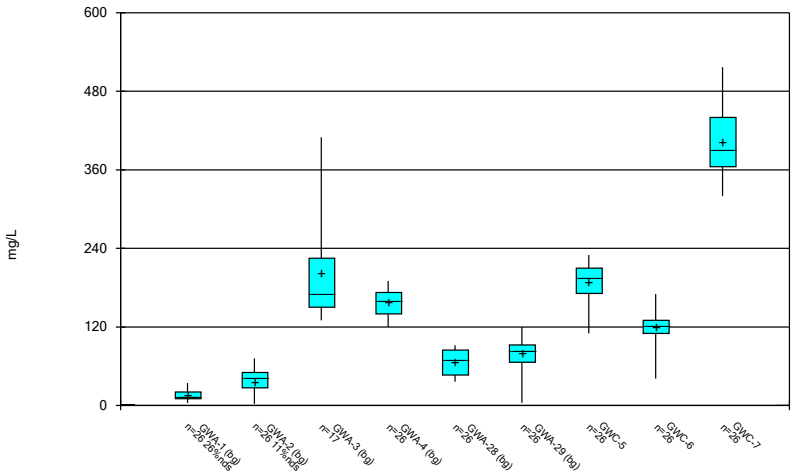
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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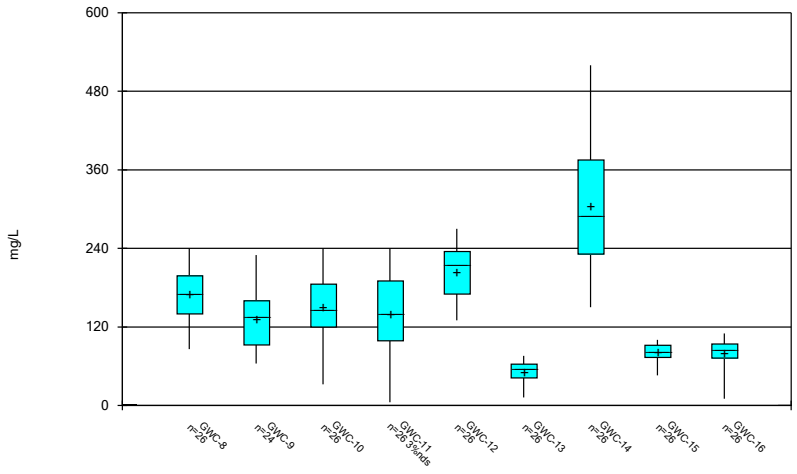
Box & Whiskers Plot



Constituent: TDS Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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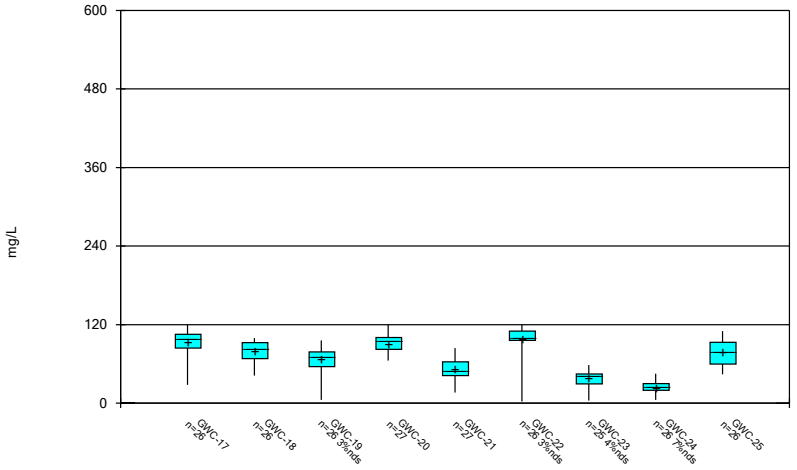
Box & Whiskers Plot



Constituent: TDS Analysis Run 7/30/2025 1:51 PM View: Descriptive
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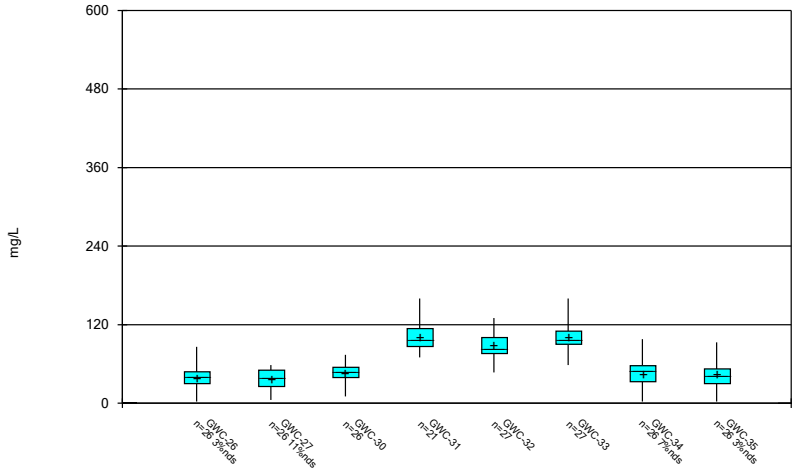
Box & Whiskers Plot



Constituent: TDS Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

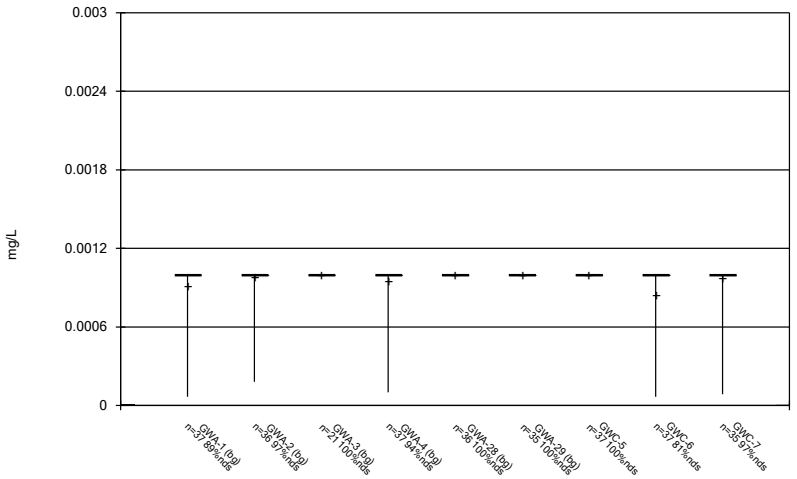
Box & Whiskers Plot



Constituent: TDS Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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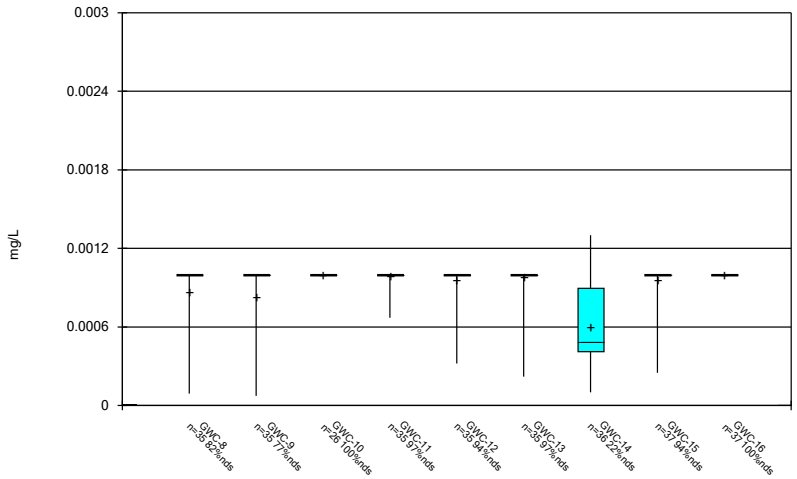
Box & Whiskers Plot



Constituent: Thallium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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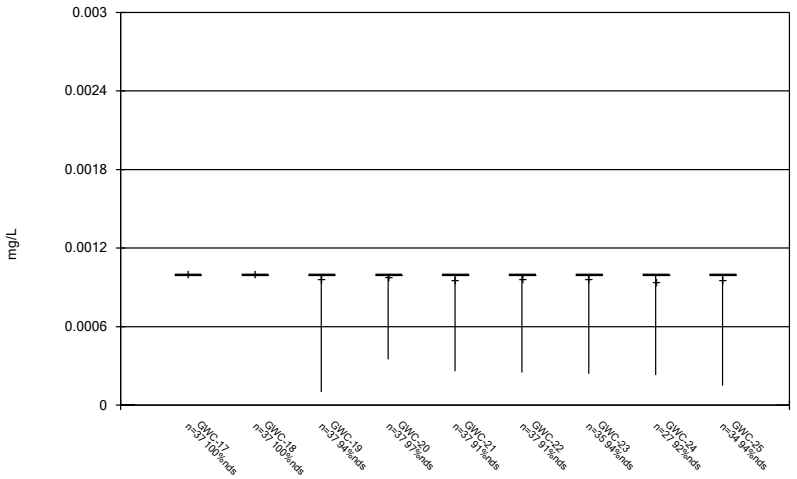
Box & Whiskers Plot



Constituent: Thallium Analysis Run 7/30/2025 1:51 PM View: Descriptive
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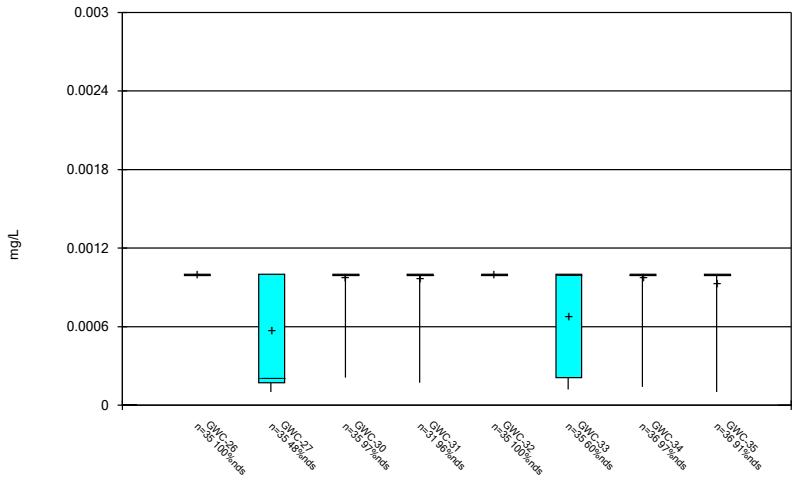
Box & Whiskers Plot



Constituent: Thallium Analysis Run 7/30/2025 1:51 PM View: Descriptive
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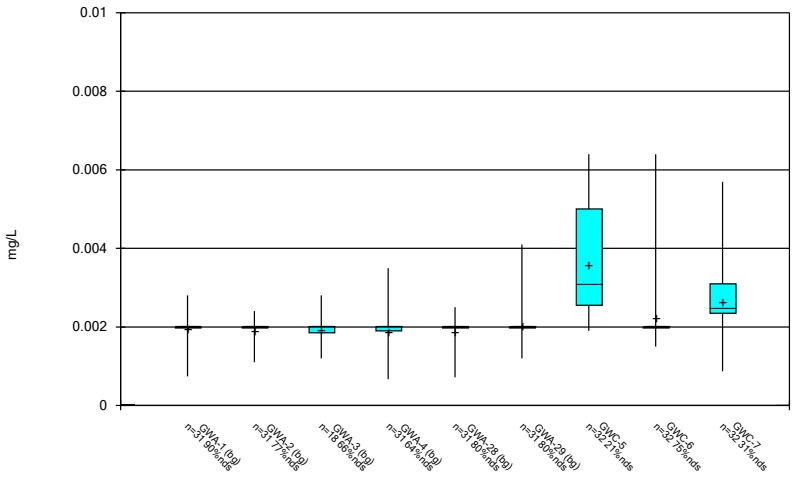
Box & Whiskers Plot



Constituent: Thallium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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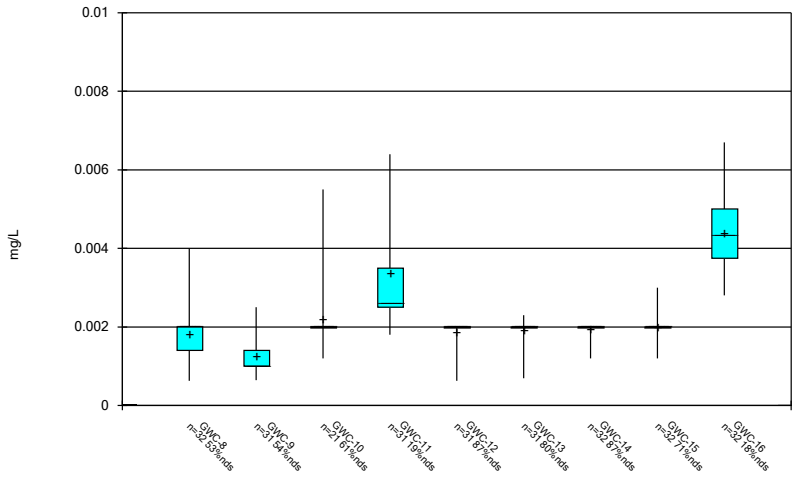
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

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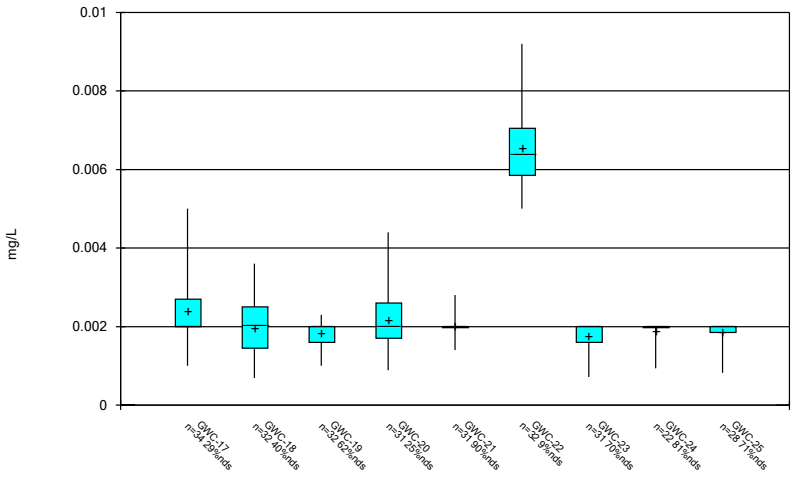
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

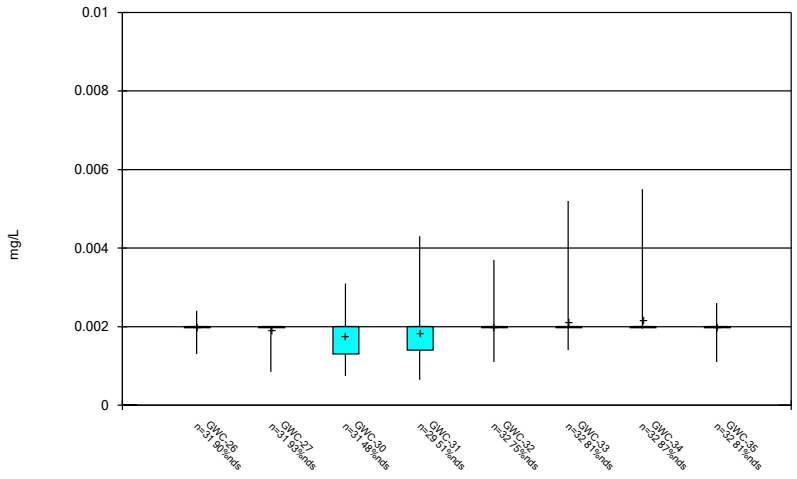
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

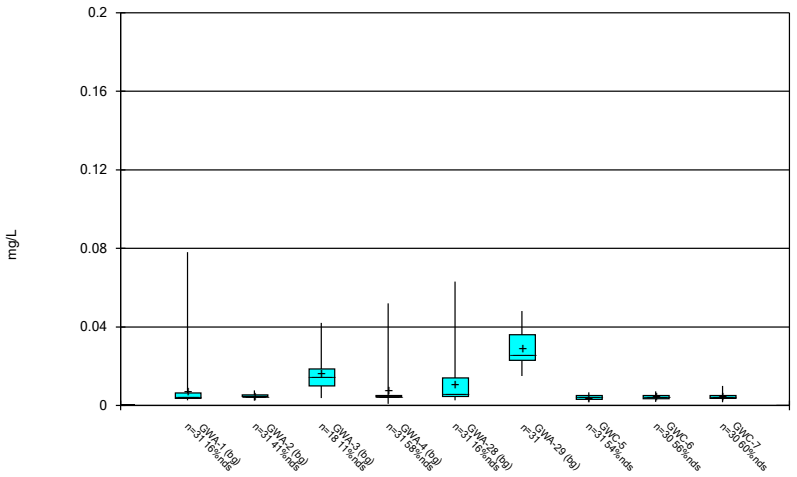
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

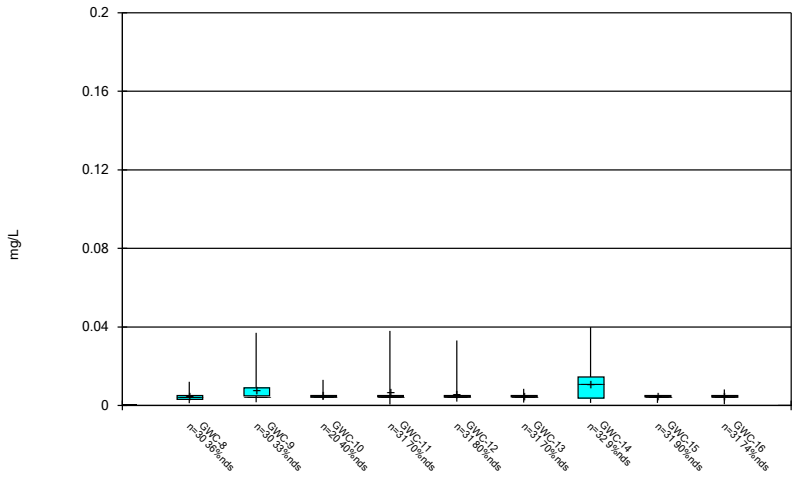
Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

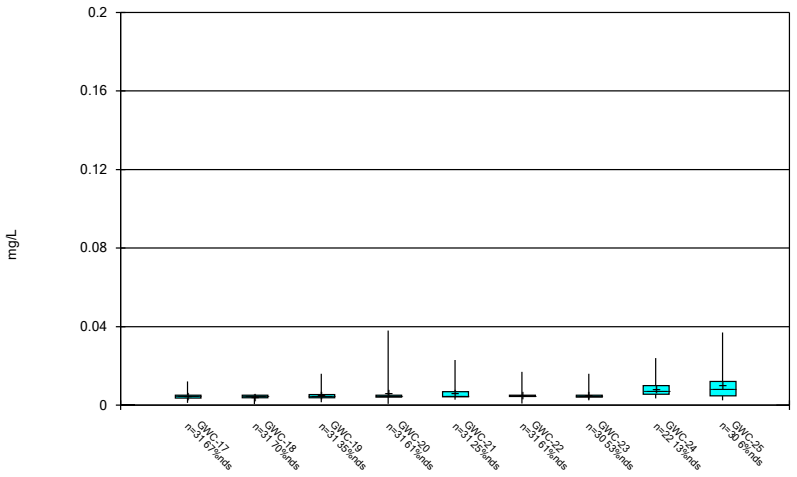
Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

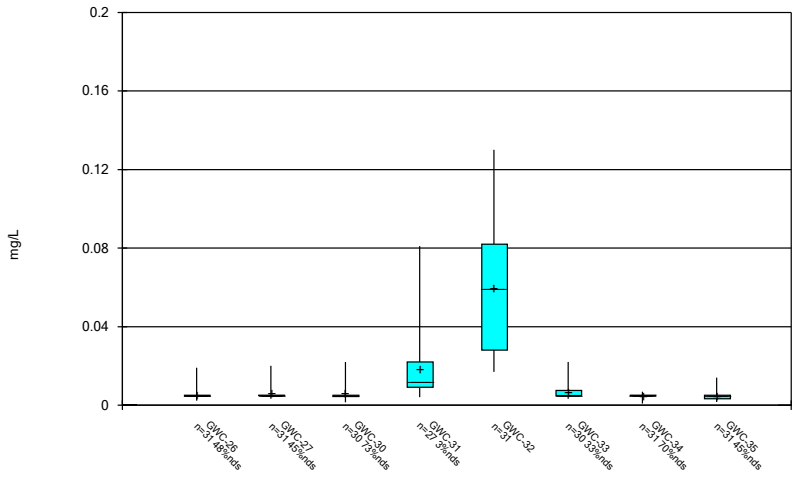
Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/30/2025 1:51 PM View: Descriptive
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE C.

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-12 Arsenic (mg/L)	GWC-34 Barium (mg/L)	GWA-3 Calcium (mg/L)	GWC-33 Calcium (mg/L)	GWC-7 Chloride (mg/L)	GWC-31 Chloride (mg/L)	GWC-33 Chloride (mg/L)	GWA-28 Chromium (mg/L)	GWA-29 Chromium (mg/L)	GWC-5 Chromium (mg/L)
8/30/2011										
9/7/2011										
9/16/2011										
9/17/2011										
10/27/2011										
10/30/2011										
12/5/2011										
12/13/2011										
2/7/2012										
7/24/2013										
7/1/2014										
1/13/2015										
1/14/2015										
7/22/2015										
1/22/2016										
1/27/2016										
3/24/2016										
3/29/2016					8.5125 (O)					
3/31/2016										
5/19/2016									0.00684 (JO)	
5/24/2016										
7/22/2016										
9/15/2016								0.0082 (O)		
9/16/2016										
9/19/2016										
11/16/2016										
11/17/2016				55 (O)						
1/17/2017										
1/24/2017										
1/25/2017										
1/26/2017										
1/31/2017										
2/2/2017										
3/22/2017										0.024 (O)
3/23/2017										
5/1/2017										
5/2/2017										
5/3/2017	0.0024 (O)									
8/3/2017		0.031 (O)								
8/7/2017										
9/6/2017						<100 (o)	<100 (o)			
10/3/2017			91 (O)							
10/1/2018										
1/30/2019										
1/31/2019										
9/11/2019										
9/12/2019										
3/12/2020										
9/10/2020										
3/15/2021									0.021 (O)	
3/16/2021										
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022										
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-9 Chromium (mg/L)	GWC-25 Chromium (mg/L)	GWC-32 Chromium (mg/L)	GWC-6 Cobalt (mg/L)	GWC-8 Cobalt (mg/L)	GWC-9 Cobalt (mg/L)	GWC-14 Cobalt (mg/L)	GWC-16 Cobalt (mg/L)	GWC-19 Cobalt (mg/L)	GWC-23 Cobalt (mg/L)
8/30/2011								0.0033 (O)		
9/7/2011					0.14 (O)	0.27 (O)				
9/16/2011										0.0037 (O)
9/17/2011										
10/27/2011							0.044 (O)			
10/30/2011				0.037 (O)						
12/5/2011				0.029 (O)	0.17 (O)					
12/13/2011										0.003 (O)
2/7/2012		0.0065 (O)								
7/24/2013										
7/1/2014										
1/13/2015										
1/14/2015										
7/22/2015										
1/22/2016										
1/27/2016										
3/24/2016										
3/29/2016										
3/31/2016										
5/19/2016										
5/24/2016										
7/22/2016										
9/15/2016										
9/16/2016										
9/19/2016										
11/16/2016										
11/17/2016										
1/17/2017										
1/24/2017										
1/25/2017										
1/26/2017										
1/31/2017										
2/2/2017									0.011 (O)	
3/22/2017										
3/23/2017										
5/1/2017										
5/2/2017		0.015 (O)								
5/3/2017										
8/3/2017			0.0053 (O)							
8/7/2017										
9/6/2017										
10/3/2017										
10/1/2018										
1/30/2019										
1/31/2019										
9/11/2019										
9/12/2019										
3/12/2020										
9/10/2020										
3/15/2021										
3/16/2021	0.0073 (O)									
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022										
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-33 Cobalt (mg/L)	GWC-34 Cobalt (mg/L)	GWC-10 Copper (mg/L)	GWC-14 Copper (mg/L)	GWC-20 Copper (mg/L)	GWC-25 Copper (mg/L)	GWC-27 Copper (mg/L)	GWC-31 Fluoride (mg/L)	GWC-33 Fluoride (mg/L)	GWC-18 Lead (mg/L)
8/30/2011										
9/7/2011										
9/16/2011										
9/17/2011										
10/27/2011										
10/30/2011										
12/5/2011										
12/13/2011										
2/7/2012										
7/24/2013										
7/1/2014										
1/13/2015										0.0026 (JO)
1/14/2015										
7/22/2015										
1/22/2016							0.0038 (JO)			
1/27/2016				0.0068 (O)						
3/24/2016										
3/29/2016										
3/31/2016										
5/19/2016										
5/24/2016	0.0136 (O)									
7/22/2016	0.01 (O)									
9/15/2016										
9/16/2016	0.011 (O)									
9/19/2016										
11/16/2016										
11/17/2016										
1/17/2017										
1/24/2017										
1/25/2017										
1/26/2017										
1/31/2017										
2/2/2017										
3/22/2017										
3/23/2017										
5/1/2017	0.0085 (O)									
5/2/2017										
5/3/2017										
8/3/2017		0.027 (O)								
8/7/2017					0.0054 (O)					
9/6/2017								<20 (o)	<20 (o)	
10/3/2017										
10/1/2018										
1/30/2019										
1/31/2019										
9/11/2019						0.0072 (O)				
9/12/2019										
3/12/2020										
9/10/2020			0.0083 (O)							
3/15/2021										
3/16/2021										
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022										
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-25 Lead (mg/L)	GWA-4 Nickel (mg/L)	GWC-8 Nickel (mg/L)	GWC-9 Nickel (mg/L)	GWC-34 Nickel (mg/L)	GWC-23 pH, Field (SU)	GWC-24 pH, Field (SU)	GWC-32 pH, Field (SU)	GWC-34 pH, Field (SU)	GWC-35 pH, Field (SU)
8/30/2011										
9/7/2011										
9/16/2011										
9/17/2011										
10/27/2011										
10/30/2011										
12/5/2011										
12/13/2011										
2/7/2012										
7/24/2013										
7/1/2014										
1/13/2015										
1/14/2015		0.0073 (O)								
7/22/2015										
1/22/2016										
1/27/2016										
3/24/2016									6.66 (O)	6.32 (O)
3/29/2016						4.87 (O)				
3/31/2016										
5/19/2016										
5/24/2016										
7/22/2016								7.552699 (O)		
9/15/2016										
9/16/2016										
9/19/2016										
11/16/2016										
11/17/2016										
1/17/2017		0.007 (O)								
1/24/2017										
1/25/2017										
1/26/2017										
1/31/2017				0.055 (O)						
2/2/2017										
3/22/2017										
3/23/2017										
5/1/2017										
5/2/2017	0.0021 (O)									
5/3/2017							7.5 (O)			
8/3/2017					0.012 (O)					
8/7/2017			0.011 (O)							
9/6/2017										
10/3/2017										
10/1/2018										
1/30/2019										
1/31/2019										
9/11/2019										
9/12/2019										
3/12/2020										
9/10/2020										
3/15/2021										
3/16/2021										
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022				0.077 (O)						
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-9 Selenium (mg/L)	GWA-29 Silver (mg/L)	GWC-6 Silver (mg/L)	GWC-10 Silver (mg/L)	GWC-31 Silver (mg/L)	GWA-3 Sulfate (mg/L)	GWC-7 Sulfate (mg/L)	GWC-8 Sulfate (mg/L)	GWC-11 Sulfate (mg/L)	GWC-19 Sulfate (mg/L)
8/30/2011										
9/7/2011	0.015 (O)									
9/16/2011										
9/17/2011										
10/27/2011										
10/30/2011										
12/5/2011										
12/13/2011										
2/7/2012										
7/24/2013		0.003 (O)								
7/1/2014					0.0039 (O)					
1/13/2015										
1/14/2015										
7/22/2015										
1/22/2016										
1/27/2016										
3/24/2016										
3/29/2016							22.385 (JO)			
3/31/2016						202.982 (O)				
5/19/2016										
5/24/2016										
7/22/2016										
9/15/2016										
9/16/2016										
9/19/2016										
11/16/2016										
11/17/2016										
1/17/2017										
1/24/2017										
1/25/2017										
1/26/2017								49 (O)		
1/31/2017									3.7 (O)	
2/2/2017										8.6 (O)
3/22/2017										
3/23/2017										
5/1/2017										
5/2/2017										
5/3/2017										
8/3/2017										
8/7/2017										
9/6/2017										
10/3/2017										
10/1/2018										
1/30/2019			0.0032 (O)							
1/31/2019				0.0055 (O)						
9/11/2019					0.0078 (O)					
9/12/2019										
3/12/2020										
9/10/2020										
3/15/2021										
3/16/2021										
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022										
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-25 Sulfate (mg/L)	GWC-31 Sulfate (mg/L)	GWC-33 Sulfate (mg/L)	GWC-9 TDS (mg/L)	GWC-23 TDS (mg/L)	GWC-14 Thallium (mg/L)	GWC-25 Vanadium (mg/L)	GWC-30 Vanadium (mg/L)	GWC-6 Zinc (mg/L)	GWC-7 Zinc (mg/L)
8/30/2011										
9/7/2011										
9/16/2011										
9/17/2011							0.0074 (O)			
10/27/2011										
10/30/2011										
12/5/2011										
12/13/2011										
2/7/2012										
7/24/2013										
7/1/2014										
1/13/2015										
1/14/2015										
7/22/2015						0.0003 (JO)				
1/22/2016										
1/27/2016										
3/24/2016										
3/29/2016										
3/31/2016										
5/19/2016										
5/24/2016										
7/22/2016										
9/15/2016										
9/16/2016										
9/19/2016				340 (O)						
11/16/2016				280 (O)						
11/17/2016										
1/17/2017										
1/24/2017	26 (O)						0.0077 (O)	0.0059 (O)		
1/25/2017			50 (O)							
1/26/2017										
1/31/2017										
2/2/2017										
3/22/2017										
3/23/2017	23 (O)									
5/1/2017										
5/2/2017	27 (O)									
5/3/2017										
8/3/2017										
8/7/2017										
9/6/2017		76 (Jo)	<100 (o)							
10/3/2017										
10/1/2018					140 (O)					
1/30/2019										
1/31/2019										
9/11/2019										
9/12/2019									0.049 (O)	
3/12/2020										0.038 (O)
9/10/2020										
3/15/2021										
3/16/2021										
3/18/2021										
8/23/2021										
3/9/2022										
8/16/2022										
10/12/2022										

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 1:56 PM

	GWC-8 Zinc (mg/L)	GWC-9 Zinc (mg/L)	GWC-10 Zinc (mg/L)	GWC-23 Zinc (mg/L)	GWC-30 Zinc (mg/L)	GWC-33 Zinc (mg/L)
8/30/2011						
9/7/2011						
9/16/2011						
9/17/2011						
10/27/2011						
10/30/2011						
12/5/2011						
12/13/2011						
2/7/2012						
7/24/2013						
7/1/2014						
1/13/2015						
1/14/2015						
7/22/2015						
1/22/2016						
1/27/2016						
3/24/2016						
3/29/2016						
3/31/2016						
5/19/2016						
5/24/2016						
7/22/2016						
9/15/2016						
9/16/2016						
9/19/2016						
11/16/2016						
11/17/2016						
1/17/2017						
1/24/2017						
1/25/2017						
1/26/2017						
1/31/2017						
2/2/2017						
3/22/2017						
3/23/2017						
5/1/2017						
5/2/2017						
5/3/2017						
8/3/2017						
8/7/2017						
9/6/2017						
10/3/2017						
10/1/2018						
1/30/2019						
1/31/2019						
9/11/2019						
9/12/2019						
3/12/2020	0.044 (O)					
9/10/2020			0.13 (O)			
3/15/2021						
3/16/2021						
3/18/2021					0.078 (O)	
8/23/2021				0.032 (O)		
3/9/2022						0.12 (O)
8/16/2022		0.096 (O)				
10/12/2022		0.043 (O)				

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-5**	**0.03417**	**n/a**	**2/14/2025**	**0.039**	**Yes**	**34**	**0.02361**	**0.004056**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-16**	**0.02**	**n/a**	**2/11/2025**	**0.022**	**Yes**	**34**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001599**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03906**	**n/a**	**2/14/2025**	**0.04**	**Yes**	**34**	**0.03362**	**0.002091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-35**	**0.02298**	**n/a**	**2/18/2025**	**0.065**	**Yes**	**30**	**0.02009**	**0.001091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Copper (mg/L)	**GWC-8**	**0.0035**	**n/a**	**2/13/2025**	**0.0051**	**Yes**	**28**	**n/a**	**n/a**	**53.57**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	**GWC-11**	**0.001**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**34**	**n/a**	**n/a**	**91.18**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	**GWC-19**	**0.0013**	**n/a**	**2/14/2025**	**0.0019**	**Yes**	**34**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWC-13**	**0.0021**	**n/a**	**2/18/2025**	**0.0023**	**Yes**	**28**	**n/a**	**n/a**	**85.71**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWC-32**	**0.003**	**n/a**	**2/19/2025**	**0.0037**	**Yes**	**29**	**n/a**	**n/a**	**75.86**	**n/a**	**n/a**	**0.002172**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	**GWC-11**	**0.017**	**n/a**	**2/18/2025**	**0.038**	**Yes**	**28**	**n/a**	**n/a**	**75**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.0021	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-28	0.0021	n/a	2/10/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-29	0.002	n/a	2/11/2025	0.002ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.0024	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.002	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.002	n/a	2/19/2025	0.002ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.0023	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.0022	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20	0.002	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24	0.002	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25	0.002	n/a	2/14/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-26	0.002	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-30	0.002	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-31	0.0027	n/a	2/18/2025	0.002ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-32	0.002	n/a	2/19/2025	0.002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-33	0.002	n/a	2/19/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0011	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-29	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.0014	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.0012	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0011	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.002815	n/a	2/18/2025	0.001	No	35	-6.876	0.3871	37.14	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.0012	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/17/2025	0.001ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.0013	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-26	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-31	0.0012	n/a	2/18/2025	0.001ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-32	0.001	n/a	2/19/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-33	0.0013	n/a	2/19/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-34	0.0012	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-35	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.01375	n/a	2/11/2025	0.011	No	34	-4.578	0.112	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-2	0.02212	n/a	2/11/2025	0.021	No	34	0.01368	0.003243	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.1923	n/a	2/10/2025	0.16	No	34	0.1217	0.02714	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWA-28	0.01	n/a	2/10/2025	0.0027J	No	34	n/a	n/a	44.12	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-29	0.01	n/a	2/11/2025	0.01ND	No	33	n/a	n/a	27.27	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-5**	**0.03417**	**n/a**	**2/14/2025**	**0.039**	**Yes**	**34**	**0.02361**	**0.004056**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.07503	n/a	2/18/2025	0.064	No	34	0.05569	0.007428	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.1514	n/a	2/13/2025	0.062	No	34	0.08958	0.02375	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.123	n/a	2/13/2025	0.036	No	34	0.2362	0.044	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.2337	n/a	2/18/2025	0.07	No	34	0.1322	0.03898	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03663	n/a	2/19/2025	0.026	No	23	0.01955	0.006126	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.499	n/a	2/18/2025	0.2	No	34	0.2574	0.09282	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.03265	n/a	2/17/2025	0.03	No	34	0.01844	0.005459	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.005933	n/a	2/18/2025	0.0038J	No	34	0.05922	0.00684	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.3729	n/a	2/17/2025	0.15	No	22	0.1791	0.06885	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-15	0.01454	n/a	2/18/2025	0.01	No	34	0.009167	0.002063	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-16**	**0.02**	**n/a**	**2/11/2025**	**0.022**	**Yes**	**34**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001599**	**NP Intra (normality) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-17	0.025	n/a	2/13/2025	0.022	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-18	0.0459	n/a	2/13/2025	0.045	No	34	0.03492	0.004218	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1508	n/a	2/14/2025	0.12	No	34	0.07401	0.02949	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-20**	**0.03906**	**n/a**	**2/14/2025**	**0.04**	**Yes**	**34**	**0.03362**	**0.002091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-21	0.08292	n/a	2/11/2025	0.052	No	34	0.1671	0.04645	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-22	0.02969	n/a	2/11/2025	0.026	No	34	0.02525	0.001707	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.01253	n/a	2/11/2025	0.0053J	No	34	-5.132	0.289	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-24	0.03269	n/a	2/14/2025	0.025	No	25	0.01511	0.006433	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-25	0.05722	n/a	2/14/2025	0.024	No	33	0.03161	0.009794	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-26	0.04274	n/a	2/13/2025	0.036	No	34	0.001167	0.0002535	0	None	x^2	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-27	0.02205	n/a	2/11/2025	0.014	No	34	0.01222	0.003777	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-30	0.013	n/a	2/13/2025	0.0074J	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-31	0.009628	n/a	2/18/2025	0.0023J	No	29	0.05847	0.01488	6.897	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-32	0.01	n/a	2/19/2025	0.0012J	No	34	n/a	n/a	26.47	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-33	0.01926	n/a	2/19/2025	0.0067J	No	33	0.08848	0.01924	3.03	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Barium (mg/L)	GWC-34	0.01504	n/a	2/13/2025	0.013	No	33	0.01166	0.001293	0	None	No	0.0001135	Param Intra 1 of 2
Barium (mg/L)	**GWC-35**	**0.02298**	**n/a**	**2/18/2025**	**0.065**	**Yes**	**30**	**0.02009**	**0.001091**	**0**	**None**	**No**	**0.0001135**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.00043J	No	34	n/a	n/a	29.41	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-29	0.00285	n/a	2/11/2025	0.0018J	No	33	0.000004133	0.000001525	6.061	None	x^2	0.0001135	Param Intra 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.00048J	No	34	n/a	n/a	76.47	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-10	0.0025	n/a	2/19/2025	0.00025J	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.0025	n/a	2/18/2025	0.00041J	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-12	0.0025	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-14	0.0025	n/a	2/17/2025	0.00021J	No	34	n/a	n/a	47.06	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-15	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-16	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-21	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-23	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-24	0.0025	n/a	2/14/2025	0.0025ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-25	0.0025	n/a	2/14/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-26	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-27	0.0066	n/a	2/11/2025	0.0038	No	34	n/a	n/a	8.824	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-31	0.003	n/a	2/18/2025	0.00068J	No	29	n/a	n/a	20.69	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-32	0.002008	n/a	2/19/2025	0.0011J	No	35	0.000989	0.0003931	20	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Beryllium (mg/L)	GWC-33	0.0025	n/a	2/19/2025	0.00046J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-35	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-29	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0025	n/a	2/19/2025	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-13	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14	0.0025	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	58.82	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-19	0.0025	n/a	2/14/2025	0.0025ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-24	0.0025	n/a	2/14/2025	0.0025ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25	0.0025	n/a	2/14/2025	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-31	0.0025	n/a	2/18/2025	0.0025ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.0042	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-2	0.0022	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.0022	n/a	2/10/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-28	0.0044	n/a	2/10/2025	0.002ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-29	0.003	n/a	2/11/2025	0.002ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.0033	n/a	2/14/2025	0.0019J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.0049	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.0021	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.0027	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.0048	n/a	2/18/2025	0.0017J	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10	0.0029	n/a	2/19/2025	0.002ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.005	n/a	2/18/2025	0.0027	No	34	n/a	n/a	11.76	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0023	n/a	2/17/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.0027	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14	0.0023	n/a	2/17/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15	0.0022	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16	0.0045	n/a	2/11/2025	0.0025	No	34	n/a	n/a	5.882	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-17	0.0042	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.0022	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.0024	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0027	n/a	2/14/2025	0.002ND	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.0022	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.003	n/a	2/11/2025	0.0015J	No	34	n/a	n/a	61.76	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0024	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	76.47	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24	0.0027	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25	0.0043	n/a	2/14/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-26	0.0033	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-27	0.0024	n/a	2/11/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-30	0.0025	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-31	0.012	n/a	2/18/2025	0.0015J	No	29	n/a	n/a	24.14	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-32	0.0024	n/a	2/19/2025	0.002ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-33	0.0034	n/a	2/19/2025	0.0014J	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-34	0.0034	n/a	2/13/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-35	0.0026	n/a	2/18/2025	0.002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	70.59	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.01436	n/a	2/10/2025	0.0029	No	34	0.07138	0.01861	5.882	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWA-29	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.01107	n/a	2/14/2025	0.0036	No	16	0.00468	0.002091	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-6	0.02021	n/a	2/18/2025	0.0067	No	32	0.01309	0.002714	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-7	0.01483	n/a	2/13/2025	0.00057J	No	26	0.05559	0.02438	0	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.07722	n/a	2/13/2025	0.0012J	No	32	0.02922	0.01829	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-9	0.15	n/a	2/18/2025	0.022	No	33	n/a	n/a	3.03	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-10	0.01294	n/a	2/19/2025	0.0041	No	23	0.005075	0.002823	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-11	0.005736	n/a	2/18/2025	0.0035	No	11	0.002085	0.001017	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-12	0.0043	n/a	2/17/2025	0.0025ND	No	34	n/a	n/a	70.59	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14	0.4713	n/a	2/17/2025	0.34	No	23	0.1585	0.1122	0	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-15	0.0025	n/a	2/18/2025	0.0025ND	No	34	n/a	n/a	67.65	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16	0.0025	n/a	2/11/2025	0.0025ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-17	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0042	n/a	2/14/2025	0.00049J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.00039J	No	34	n/a	n/a	82.35	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.005768	n/a	2/11/2025	0.0017J	No	34	0.002142	0.001393	20.59	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-22	0.0025	n/a	2/11/2025	0.0025ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.0027	n/a	2/11/2025	0.0025ND	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-24	0.008558	n/a	2/14/2025	0.003	No	25	-6.433	0.612	8	None	ln(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-25	0.05348	n/a	2/14/2025	0.0027	No	33	0.09557	0.0519	6.061	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-26	0.0025	n/a	2/13/2025	0.0025ND	No	34	n/a	n/a	79.41	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-27	0.004425	n/a	2/11/2025	0.001J	No	34	0.002216	0.0008486	11.76	None	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-31	0.0025	n/a	2/18/2025	0.0025ND	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-32	0.0025	n/a	2/19/2025	0.0025ND	No	34	n/a	n/a	64.71	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-33	0.004692	n/a	2/19/2025	0.0025ND	No	29	0.001515	0.001192	27.59	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Cobalt (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.0025ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-35	0.0025	n/a	2/18/2025	0.00054J	No	34	n/a	n/a	47.06	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-2	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-28	0.002	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-29	0.018	n/a	2/11/2025	0.0038	No	28	n/a	n/a	10.71	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-5	0.002	n/a	2/14/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0031	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	**GWC-8**	**0.0035**	**n/a**	**2/13/2025**	**0.0051**	**Yes**	**28**	**n/a**	**n/a**	**53.57**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Copper (mg/L)	GWC-9	0.0026	n/a	2/18/2025	0.0015J	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.004	n/a	2/19/2025	0.002ND	No	16	n/a	n/a	81.25	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0034	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.002	n/a	2/17/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0021	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.002	n/a	2/17/2025	0.002ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15	0.003	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-16	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-17	0.002	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.002	n/a	2/14/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0025	n/a	2/14/2025	0.0014J	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.0024	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24	0.0028	n/a	2/14/2025	0.002ND	No	19	n/a	n/a	52.63	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25	0.0034	n/a	2/14/2025	0.002ND	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-26	0.0027	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	27	n/a	n/a	88.89	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-31	0.007988	n/a	2/18/2025	0.0011J	No	25	0.04747	0.01534	36	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Copper (mg/L)	GWC-33	0.002	n/a	2/19/2025	0.002ND	No	27	n/a	n/a	92.59	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-34	0.002	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-35	0.002	n/a	2/18/2025	0.002ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	100	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-29	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.0022	n/a	2/19/2025	0.001ND	No	24	n/a	n/a	75	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	**GWC-11**	**0.001**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**34**	**n/a**	**n/a**	**91.18**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/13/2025	0.001ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	**GWC-19**	**0.0013**	**n/a**	**2/14/2025**	**0.0019**	**Yes**	**34**	**n/a**	**n/a**	**85.29**	**n/a**	**n/a**	**0.001599**	**NP Intra (NDs) 1 of 2**
Lead (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24	0.0015	n/a	2/14/2025	0.00029J	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-26	0.0015	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-30	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-31	0.0013	n/a	2/18/2025	0.001ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-34	0.001	n/a	2/13/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-1	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-2	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-4	0.0002	n/a	2/10/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-28	0.0002	n/a	2/10/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-29	0.00021	n/a	2/11/2025	0.0002ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8	0.0004	n/a	2/13/2025	0.0002ND	No	35	n/a	n/a	88.57	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/19/2025	0.0002ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/17/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.00023	n/a	2/17/2025	0.0002ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-15	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/14/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24	0.0002	n/a	2/14/2025	0.0002ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25	0.0002	n/a	2/14/2025	0.0002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-26	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-27	0.0002	n/a	2/11/2025	0.0002ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-30	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-31	0.0002	n/a	2/18/2025	0.0002ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-32	0.0002	n/a	2/19/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-33	0.0002	n/a	2/19/2025	0.0002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-34	0.0002	n/a	2/13/2025	0.0002ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-35	0.0002	n/a	2/18/2025	0.0002ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.0025	n/a	2/11/2025	0.00096J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.0028	n/a	2/11/2025	0.00077J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-4	0.0032	n/a	2/10/2025	0.0027	No	26	n/a	n/a	50	n/a	n/a	0.002667	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-28	0.001	n/a	2/10/2025	0.001ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-29	0.006872	n/a	2/11/2025	0.00074J	No	28	0.04851	0.01282	10.71	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.01206	n/a	2/14/2025	0.0054	No	28	0.005425	0.002475	14.29	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-6	0.009525	n/a	2/18/2025	0.005	No	28	0.005059	0.001665	3.571	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-7	0.02265	n/a	2/13/2025	0.0073	No	28	0.009657	0.004846	14.29	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.005377	n/a	2/13/2025	0.0016	No	27	0.002493	0.001069	22.22	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.03092	n/a	2/18/2025	0.011	No	26	0.1032	0.02676	3.846	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.01156	n/a	2/19/2025	0.0023	No	17	-6.202	0.5788	0	None	ln(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-11	0.0011	n/a	2/18/2025	0.00055J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14	0.02455	n/a	2/17/2025	0.019	No	18	0.01578	0.002962	0	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	28	n/a	n/a	85.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.0015	n/a	2/13/2025	0.00064J	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0014	n/a	2/14/2025	0.001	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.00093J	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.00075J	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24	0.00372	n/a	2/14/2025	0.0035	No	19	0.001926	0.0006152	10.53	None	No	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-25	0.03694	n/a	2/14/2025	0.0036	No	27	-5.351	0.7606	18.52	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-26	0.0031	n/a	2/13/2025	0.00069J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-31	0.01235	n/a	2/18/2025	0.00074J	No	24	0.04858	0.02266	12.5	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Nickel (mg/L)	GWC-32	0.0018	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-33	0.0023	n/a	2/19/2025	0.001ND	No	27	n/a	n/a	74.07	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-34	0.0025	n/a	2/13/2025	0.00067J	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-35	0.004854	n/a	2/18/2025	0.0026	No	28	0.001893	0.001104	17.86	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	2/10/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-28	0.005	n/a	2/10/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-29	0.005	n/a	2/11/2025	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.005	n/a	2/14/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	2/18/2025	0.005ND	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/17/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0071	n/a	2/17/2025	0.005ND	No	35	n/a	n/a	68.57	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-16	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-21	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-25	0.005	n/a	2/14/2025	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-26	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-27	0.005	n/a	2/11/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-30	0.005	n/a	2/13/2025	0.005ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-31	0.005	n/a	2/18/2025	0.005ND	No	29	n/a	n/a	79.31	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-32	0.005	n/a	2/19/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-33	0.005	n/a	2/19/2025	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-35	0.005	n/a	2/18/2025	0.005ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-29	0.001807	n/a	2/11/2025	0.0012	No	27	0.0009725	0.0003093	22.22	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/14/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/19/2025	0.001ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/17/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-16	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-17	0.001	n/a	2/13/2025	0.001ND	No	29	n/a	n/a	96.55	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	19	n/a	n/a	94.74	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-26	0.001	n/a	2/13/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	27	n/a	n/a	96.3	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-31	0.0023	n/a	2/18/2025	0.001ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-32	0.001	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	88.24	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	2/11/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4	0.001	n/a	2/10/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	79.41	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-11	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-12	0.001	n/a	2/17/2025	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-13	0.001	n/a	2/18/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-14	0.00114	n/a	2/17/2025	0.00055J	No	33	0.02024	0.00517	24.24	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Thallium (mg/L)	GWC-15	0.001	n/a	2/18/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	94.12	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20	0.001	n/a	2/14/2025	0.001ND	No	34	n/a	n/a	97.06	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-22	0.001	n/a	2/11/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23	0.001	n/a	2/11/2025	0.001ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-24	0.001	n/a	2/14/2025	0.001ND	No	24	n/a	n/a	91.67	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-25	0.001	n/a	2/14/2025	0.001ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-27	0.001	n/a	2/11/2025	0.001ND	No	32	n/a	n/a	43.75	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-30	0.001	n/a	2/13/2025	0.001ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-31	0.001	n/a	2/18/2025	0.001ND	No	28	n/a	n/a	96.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-33	0.001	n/a	2/19/2025	0.001ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-34	0.001	n/a	2/13/2025	0.001ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-35	0.001	n/a	2/18/2025	0.001ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.0028	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.0024	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	75	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.0035	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-28	0.0025	n/a	2/10/2025	0.002ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-29	0.0041	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	78.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.006152	n/a	2/14/2025	0.0025	No	29	0.003072	0.001156	24.14	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.0064	n/a	2/18/2025	0.0015J	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.005613	n/a	2/13/2025	0.0031	No	29	0.0456	0.011	34.48	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8	0.004	n/a	2/13/2025	0.002ND	No	29	n/a	n/a	55.17	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.0025	n/a	2/18/2025	0.002	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.0055	n/a	2/19/2025	0.0027	No	18	n/a	n/a	61.11	n/a	n/a	0.005373	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.0064	n/a	2/18/2025	0.0026	No	28	n/a	n/a	21.43	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-12	0.002	n/a	2/17/2025	0.00082J	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	**GWC-13**	**0.0021**	**n/a**	**2/18/2025**	**0.0023**	**Yes**	**28**	**n/a**	**n/a**	**85.71**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

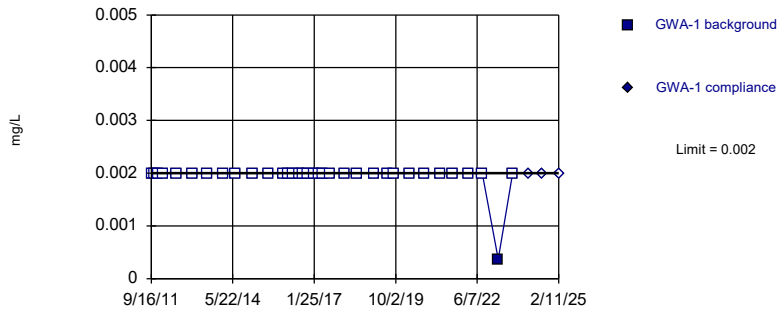
Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/14/2025, 5:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-14	0.002	n/a	2/17/2025	0.002ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15	0.003	n/a	2/18/2025	0.0026	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-16	0.006528	n/a	2/11/2025	0.0059	No	29	0.004045	0.0009318	20.69	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-17	0.005418	n/a	2/13/2025	0.0015J	No	31	0.1271	0.01841	29.03	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-18	0.003229	n/a	2/13/2025	0.00098J	No	29	0.001466	0.0006617	44.83	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.0023	n/a	2/14/2025	0.002ND	No	29	n/a	n/a	58.62	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-20	0.004891	n/a	2/14/2025	0.002ND	No	28	0.04334	0.009918	25	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-21	0.0028	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-22	0.009707	n/a	2/11/2025	0.0065	No	29	0.006576	0.001175	10.34	None	No	0.0001135	Param Intra 1 of 2
Vanadium (mg/L)	GWC-23	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-24	0.002	n/a	2/14/2025	0.002ND	No	19	n/a	n/a	78.95	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-25	0.002	n/a	2/14/2025	0.002ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-26	0.0024	n/a	2/13/2025	0.002ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-27	0.002	n/a	2/11/2025	0.002ND	No	28	n/a	n/a	92.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-30	0.0031	n/a	2/13/2025	0.00084J	No	28	n/a	n/a	50	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-31	0.0043	n/a	2/18/2025	0.0014J	No	26	n/a	n/a	53.85	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	**GWC-32**	**0.003**	**n/a**	**2/19/2025**	**0.0037**	**Yes**	**29**	**n/a**	**n/a**	**75.86**	**n/a**	**n/a**	**0.002172**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	GWC-33	0.0052	n/a	2/19/2025	0.0031	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-34	0.0055	n/a	2/13/2025	0.002ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-35	0.0026	n/a	2/18/2025	0.0021	No	29	n/a	n/a	82.76	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.078	n/a	2/11/2025	0.0034J	No	28	n/a	n/a	17.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.008142	n/a	2/11/2025	0.005ND	No	28	0.004289	0.001437	39.29	Kaplan-Meier	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWA-4	0.052	n/a	2/10/2025	0.005ND	No	28	n/a	n/a	53.57	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-28	0.03603	n/a	2/10/2025	0.0053	No	28	-5.102	0.6634	17.86	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWA-29	0.05371	n/a	2/11/2025	0.021	No	28	0.03021	0.008762	0	None	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-5	0.0067	n/a	2/14/2025	0.005ND	No	28	n/a	n/a	57.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0071	n/a	2/18/2025	0.0032J	No	27	n/a	n/a	55.56	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.01	n/a	2/13/2025	0.0028J	No	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8	0.012	n/a	2/13/2025	0.0033J	No	27	0.05819	0.01903	37.04	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-9	0.016	n/a	2/18/2025	0.016	No	27	n/a	n/a	37.04	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/19/2025	0.0066	No	17	n/a	n/a	47.06	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Zinc (mg/L)	**GWC-11**	**0.017**	**n/a**	**2/18/2025**	**0.038**	**Yes**	**28**	**n/a**	**n/a**	**75**	**n/a**	**n/a**	**0.002337**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-12	0.033	n/a	2/17/2025	0.005ND	No	28	n/a	n/a	82.14	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/18/2025	0.005ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.04	n/a	2/17/2025	0.018	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15	0.005	n/a	2/18/2025	0.005ND	No	28	n/a	n/a	89.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-16	0.0081	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	71.43	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-17	0.012	n/a	2/13/2025	0.0031J	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0053	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.01353	n/a	2/14/2025	0.0048J	No	28	0.1562	0.0306	35.71	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-20	0.038	n/a	2/14/2025	0.0031J	No	28	n/a	n/a	60.71	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.01816	n/a	2/11/2025	0.005ND	No	28	-5.285	0.476	21.43	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.017	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	64.29	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.016	n/a	2/11/2025	0.005ND	No	27	n/a	n/a	48.15	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-24	0.01925	n/a	2/14/2025	0.0076	No	19	-5.043	0.3746	15.79	Kaplan-Meier	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-25	0.03917	n/a	2/14/2025	0.0052	No	27	0.09942	0.0365	7.407	None	sqrt(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-26	0.019	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-27	0.02	n/a	2/11/2025	0.005ND	No	28	n/a	n/a	39.29	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-30	0.022	n/a	2/13/2025	0.005ND	No	27	n/a	n/a	70.37	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-31	0.08215	n/a	2/18/2025	0.012	No	24	-4.232	0.6277	4.167	None	ln(x)	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-32	0.1478	n/a	2/19/2025	0.025	No	28	0.06307	0.03159	0	None	No	0.0001135	Param Intra 1 of 2
Zinc (mg/L)	GWC-33	0.022	n/a	2/19/2025	0.0032J	No	27	n/a	n/a	29.63	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-34	0.0068	n/a	2/13/2025	0.005ND	No	28	n/a	n/a	67.86	n/a	n/a	0.002337	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-35	0.014	n/a	2/18/2025	0.0032J	No	28	n/a	n/a	46.43	n/a	n/a	0.002337	NP Intra (normality) 1 of 2

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



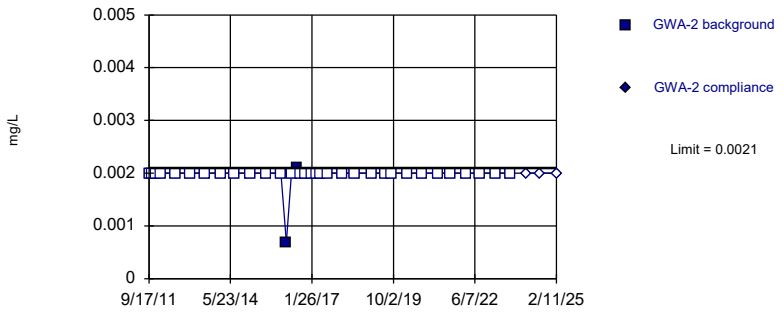
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



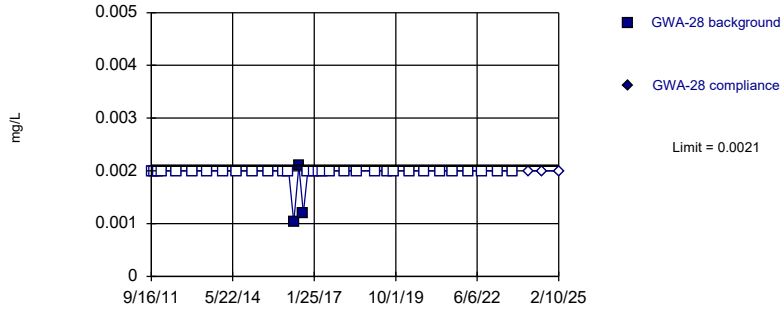
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



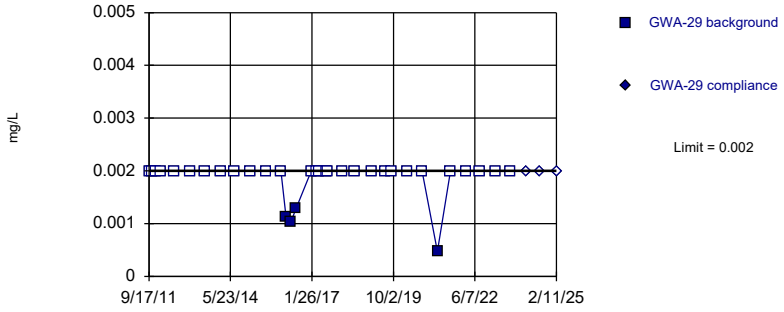
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



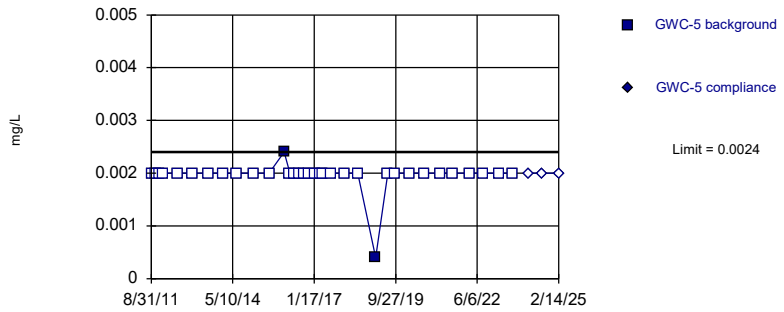
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



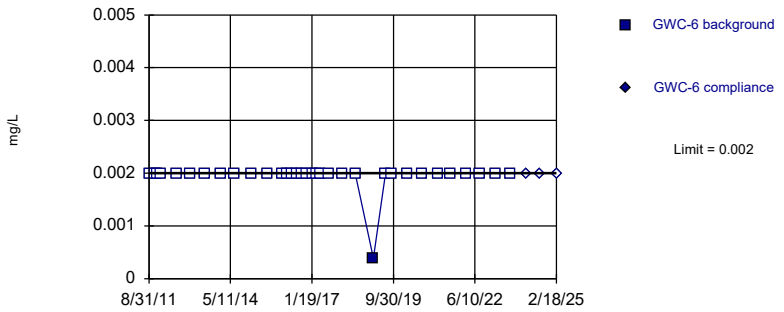
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



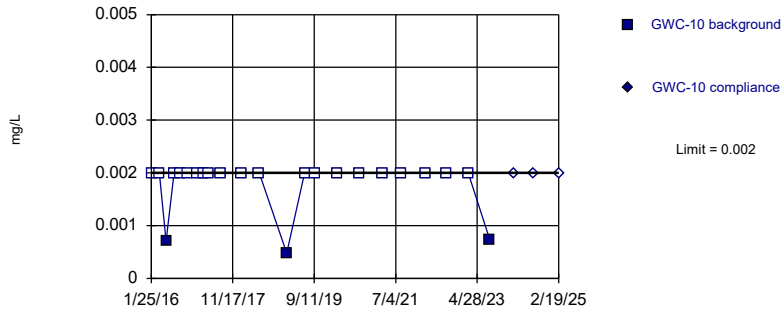
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



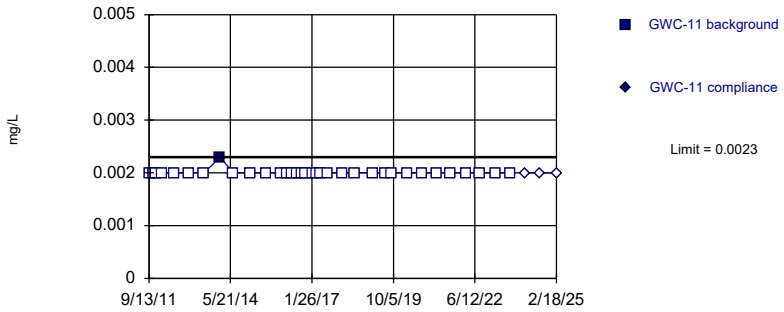
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



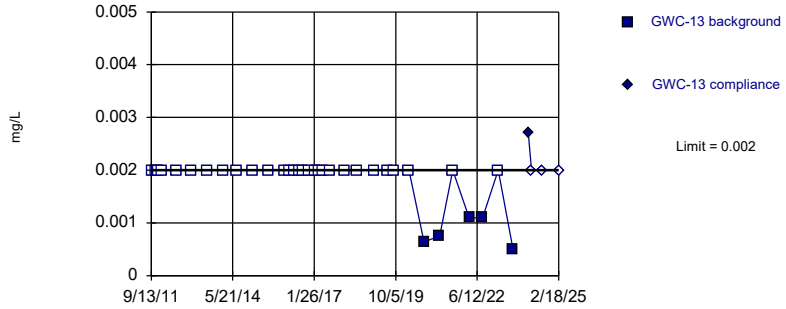
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



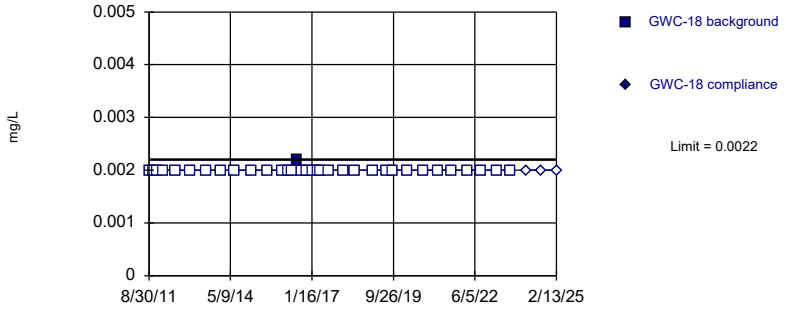
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



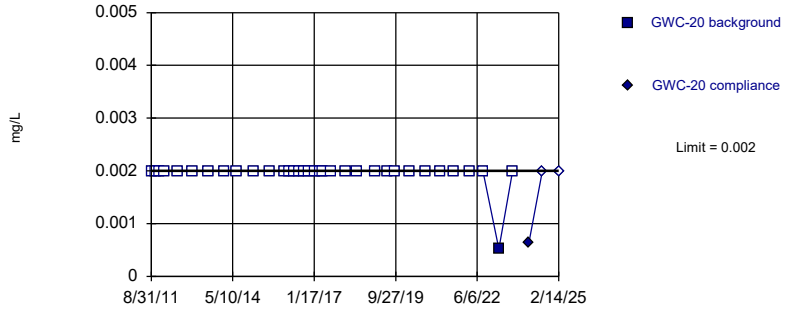
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



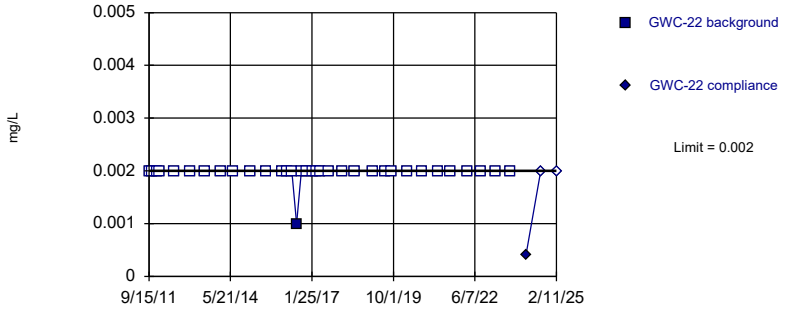
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



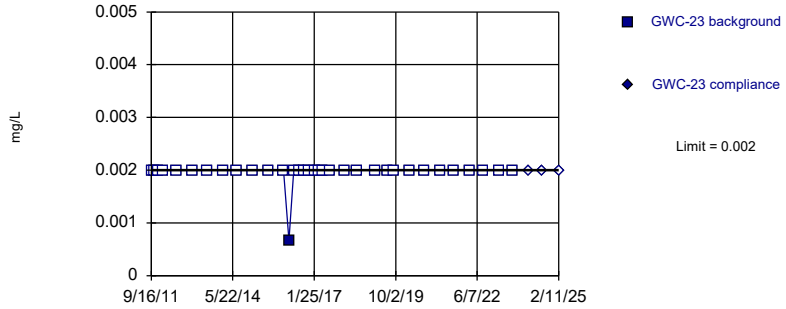
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



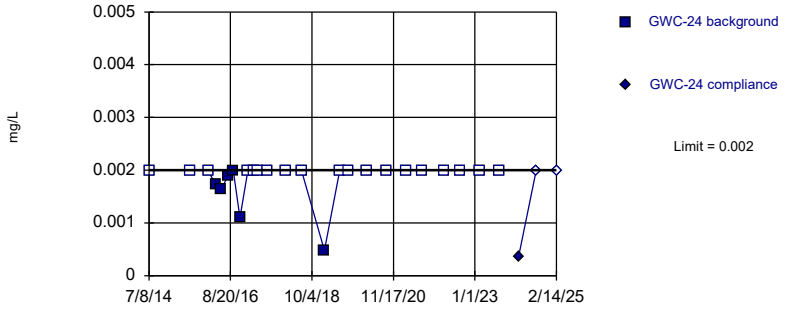
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:03 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



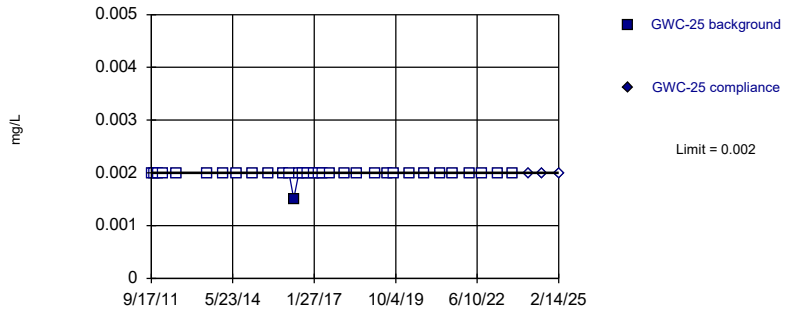
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



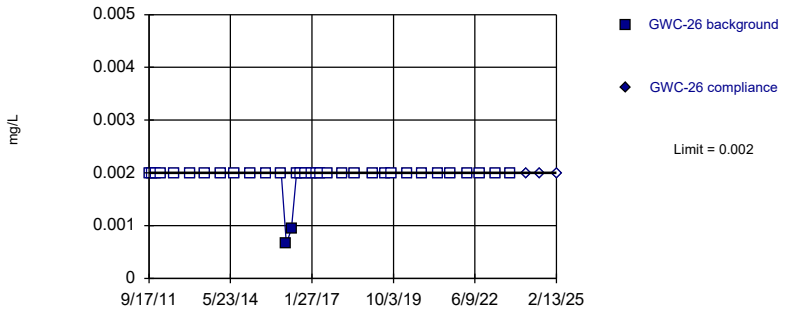
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Antimony Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

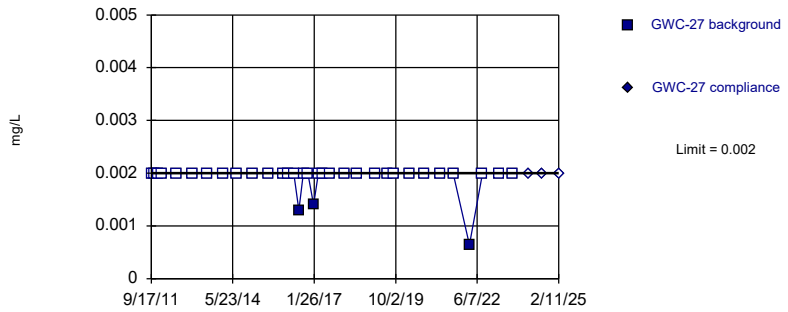
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

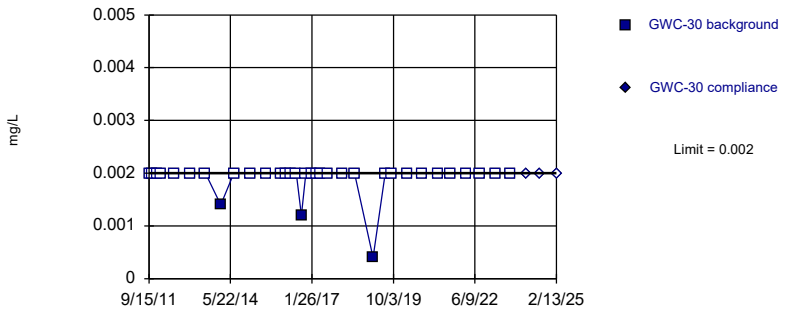
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

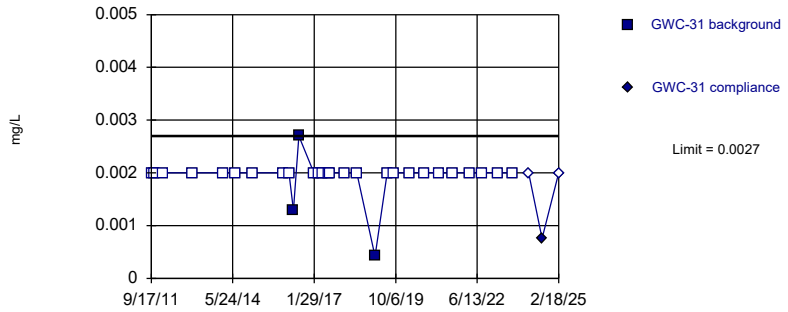
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

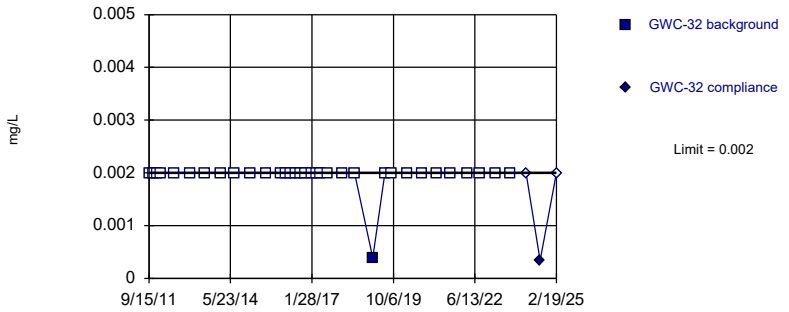
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

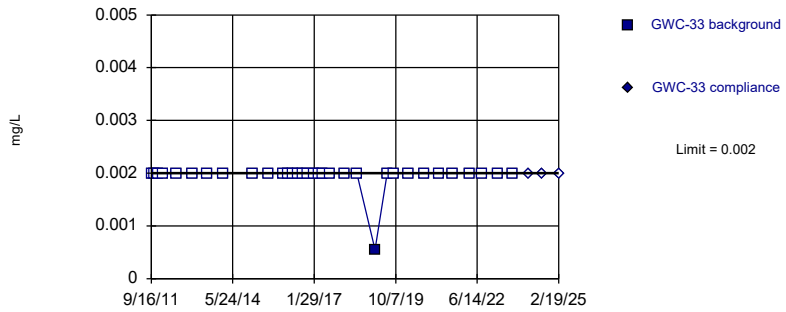
Constituent: Antimony Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

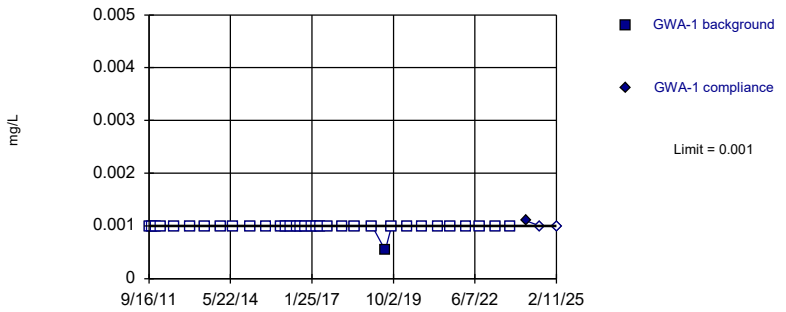
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

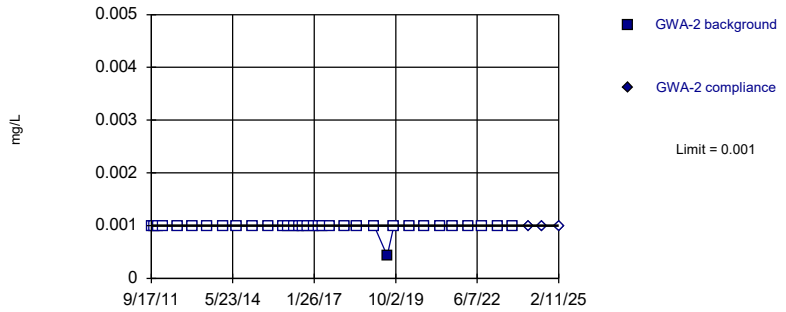
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

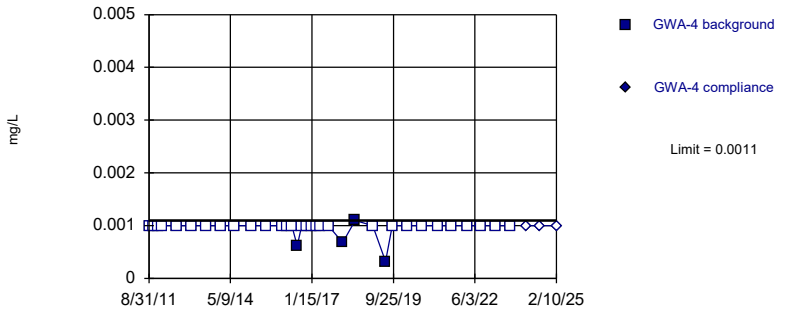
Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

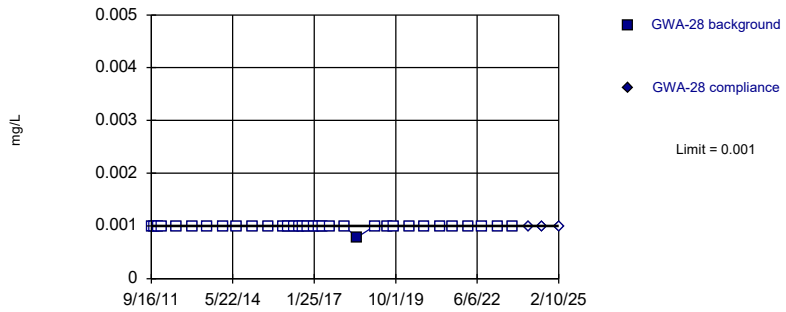
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

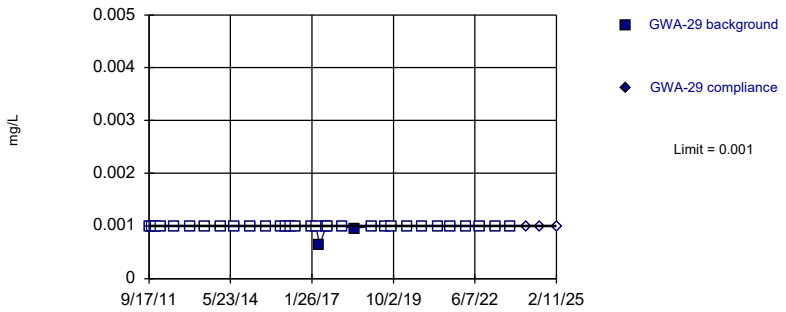
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

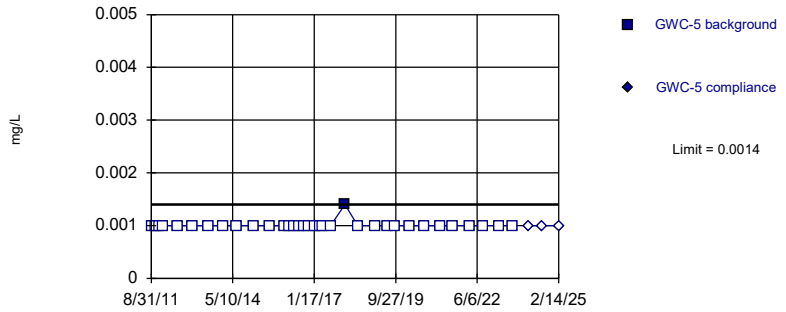
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

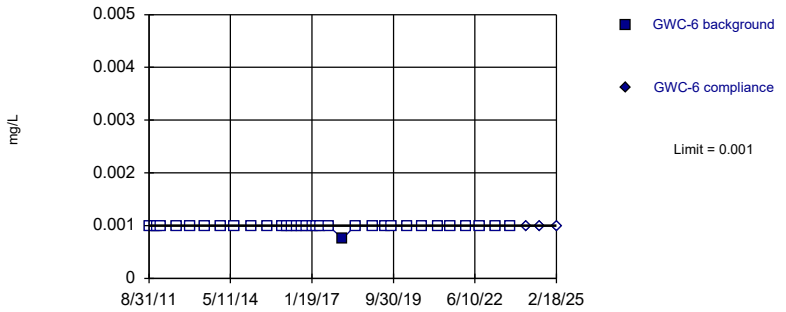
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



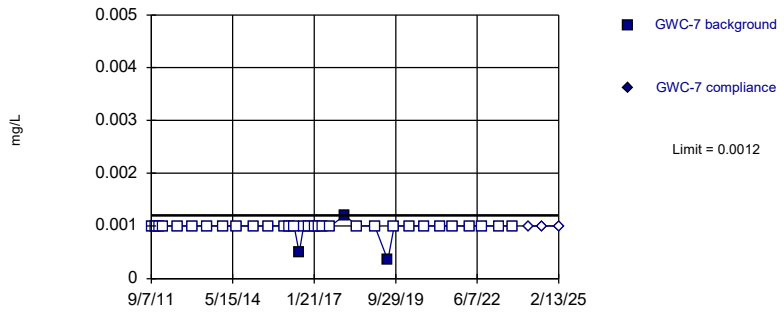
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



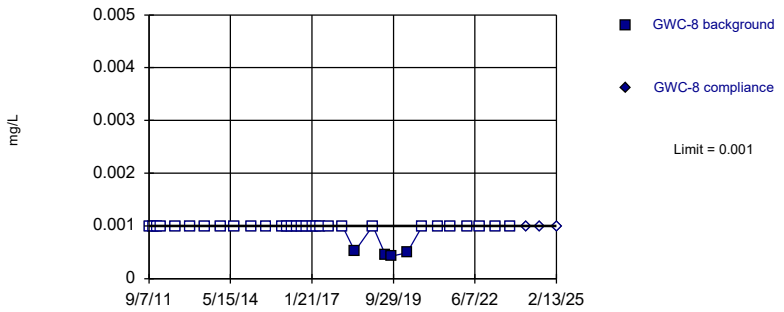
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Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



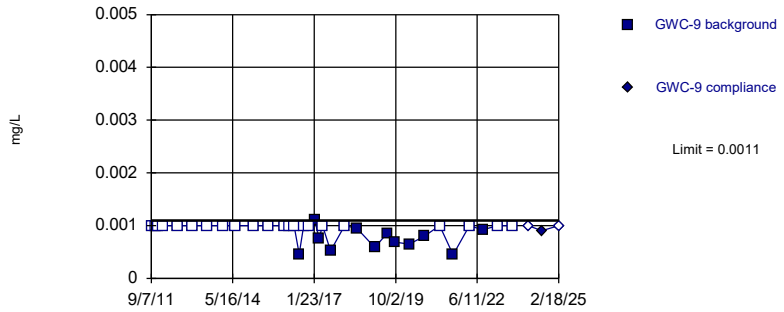
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



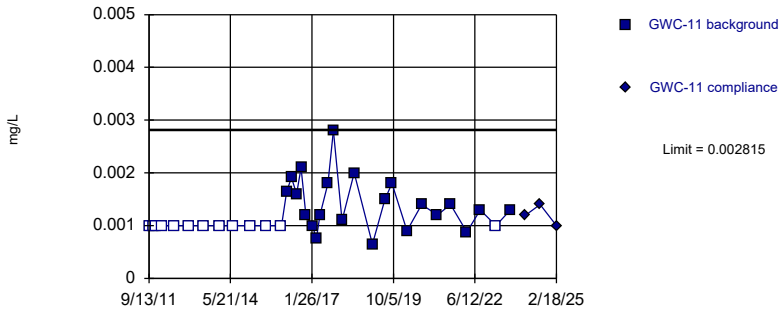
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Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.876, Std. Dev.=0.3871, n=35, 37.14% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.91. Kappa = 2.592 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

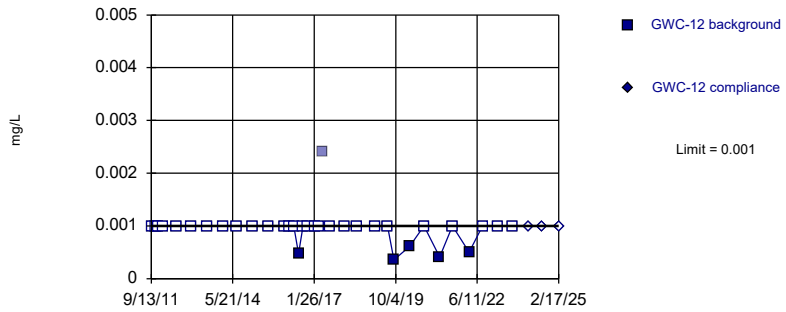
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

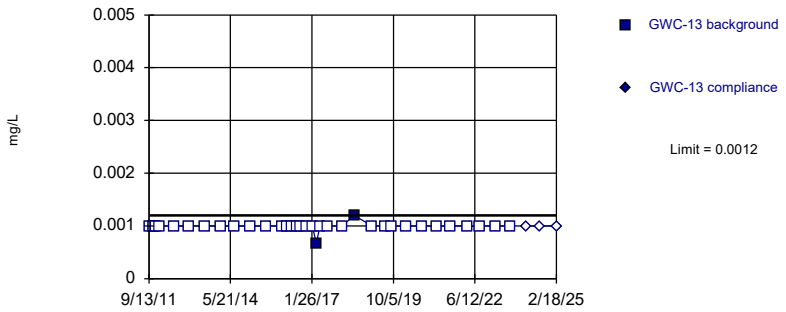
Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

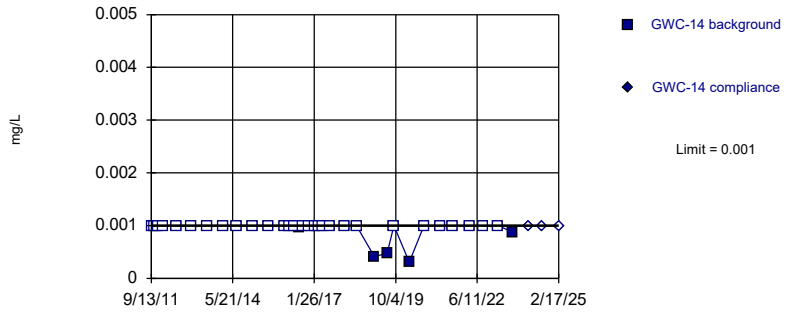
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

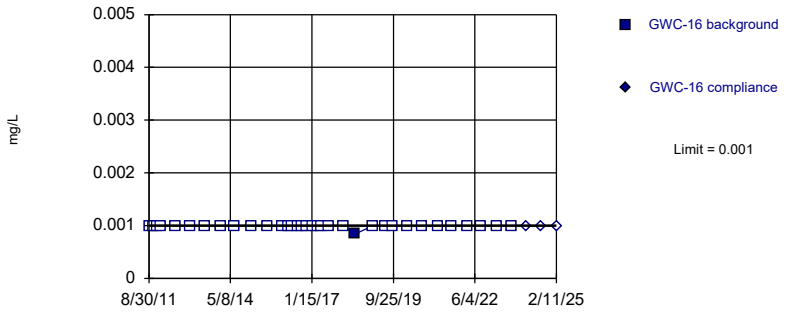
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

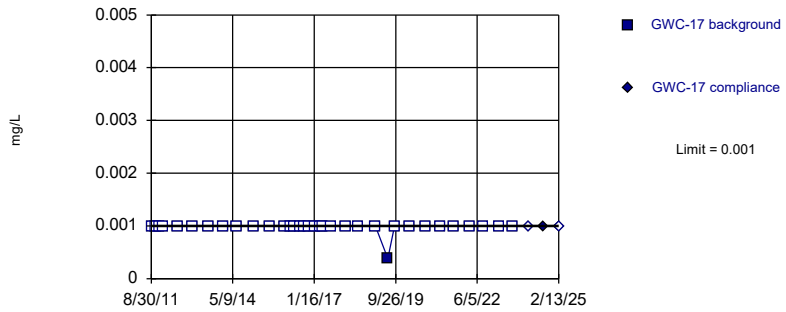
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

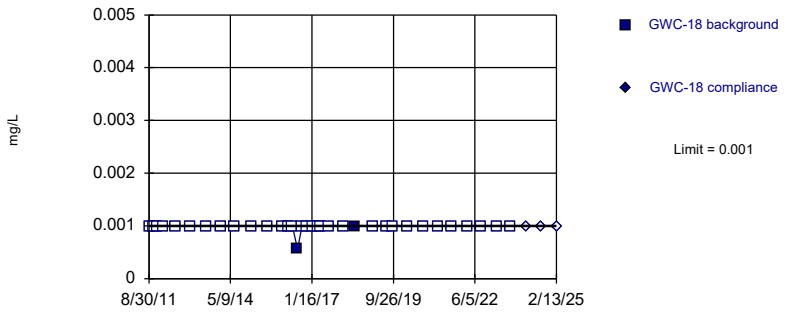
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

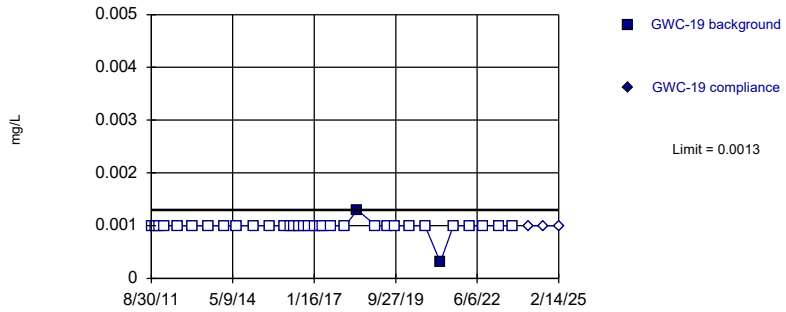
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

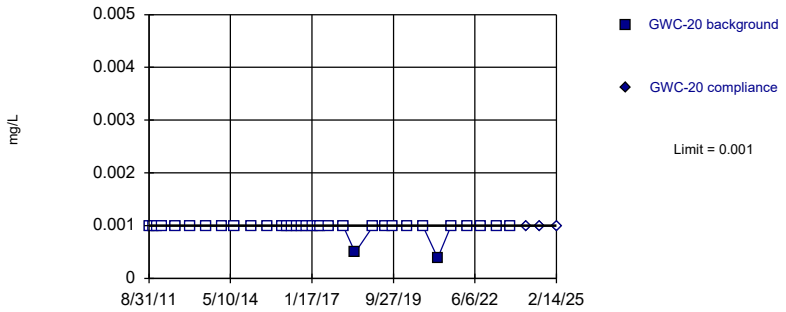
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



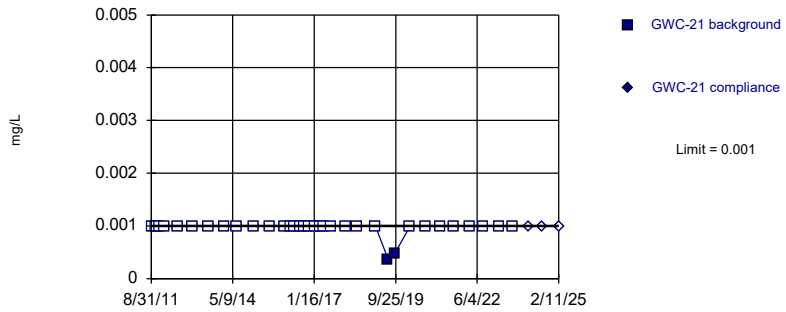
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



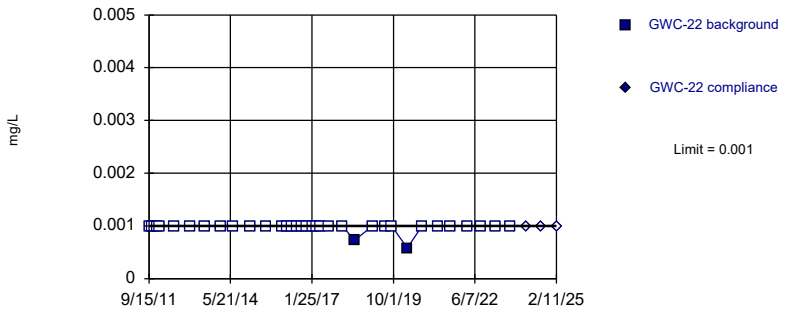
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



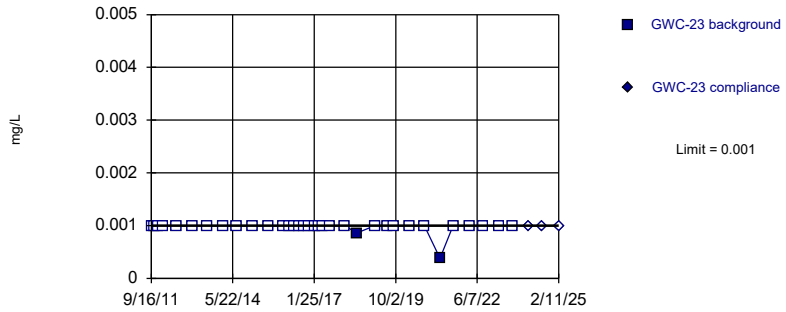
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Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



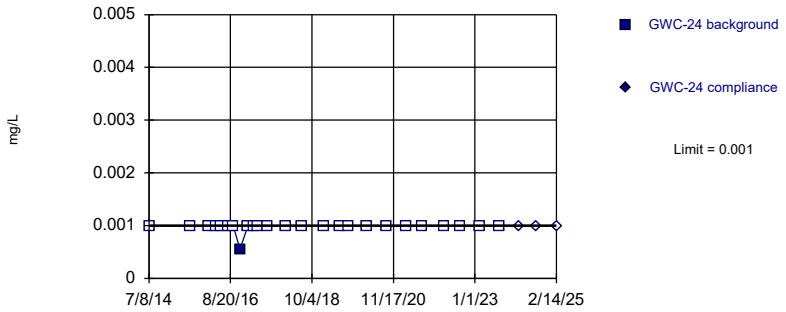
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

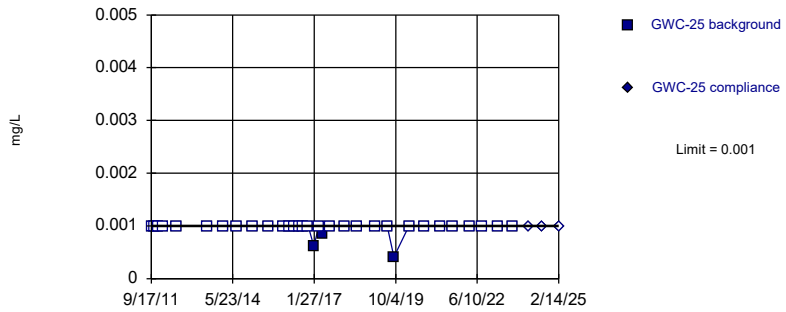
Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell

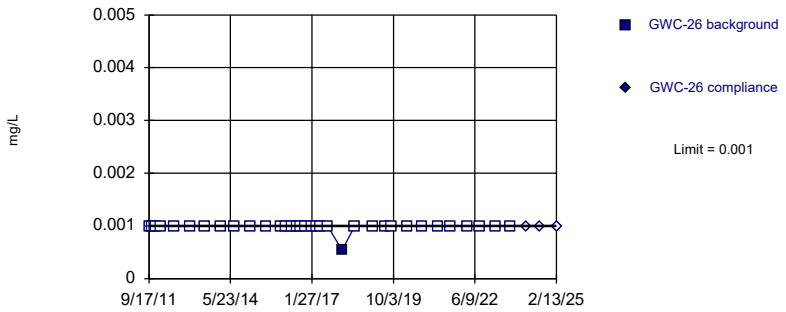
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell

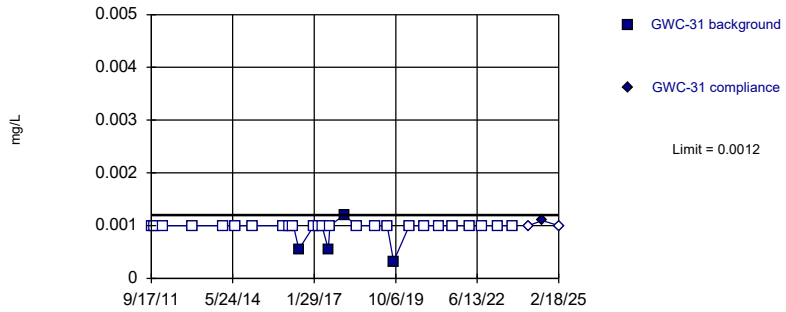
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell

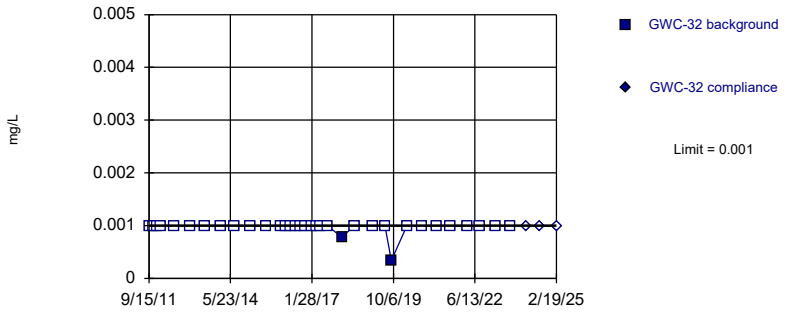
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell

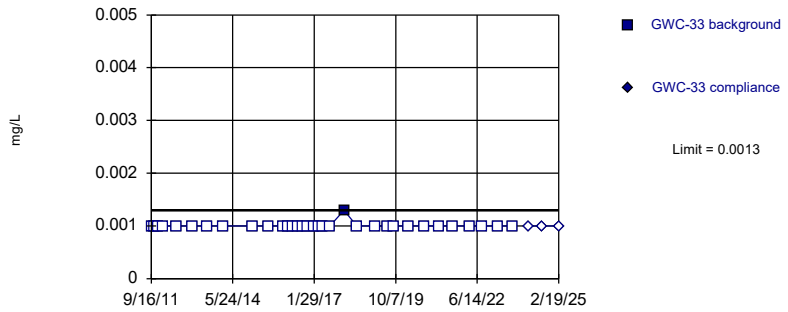
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

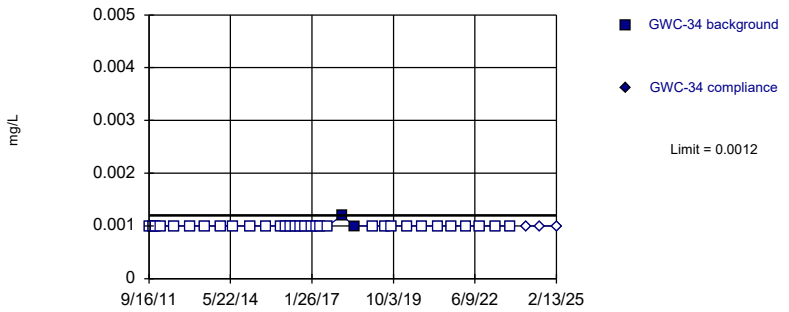
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

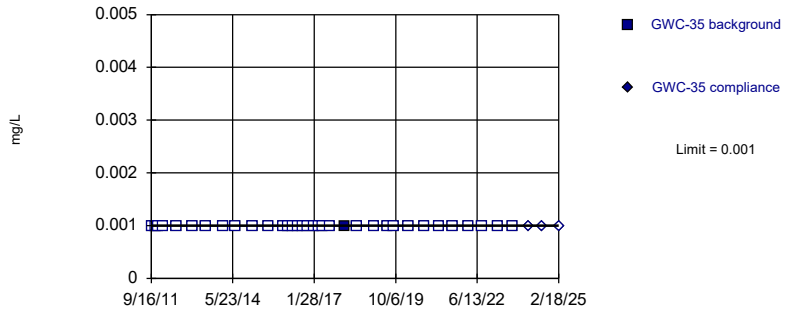
Constituent: Arsenic Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

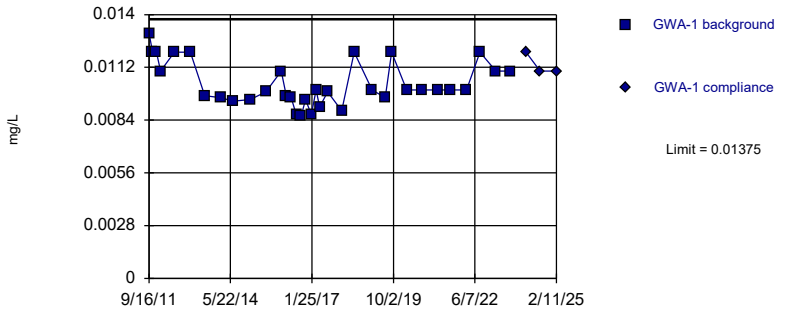
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.578, Std. Dev.=0.112, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9112, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

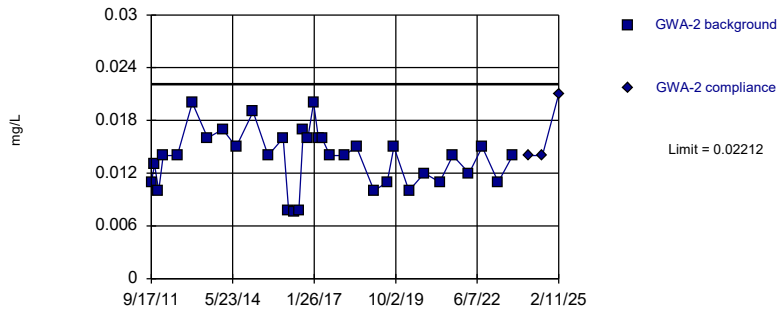
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01368, Std. Dev.=0.003243, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

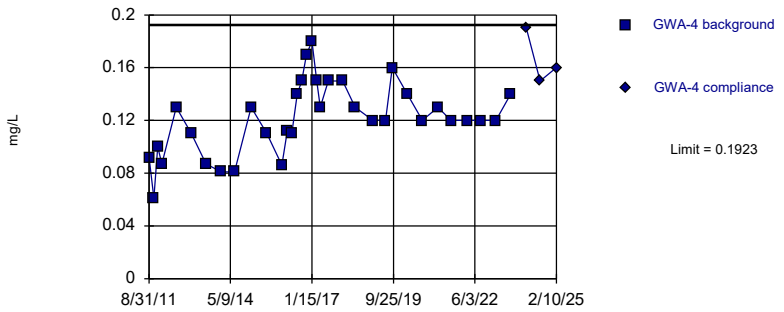
Constituent: Barium Analysis Run 4/14/2025 5:04 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1217, Std. Dev.=0.02714, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9783, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

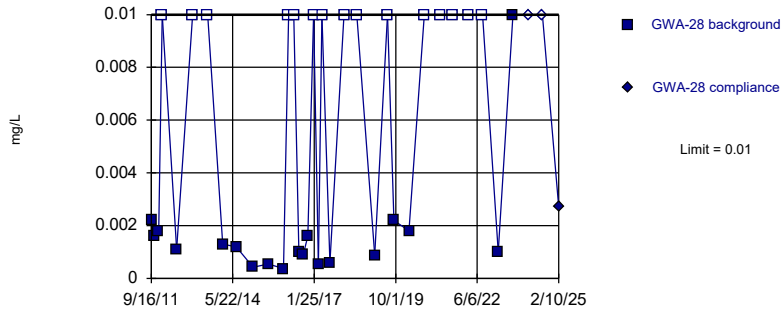
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 44.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

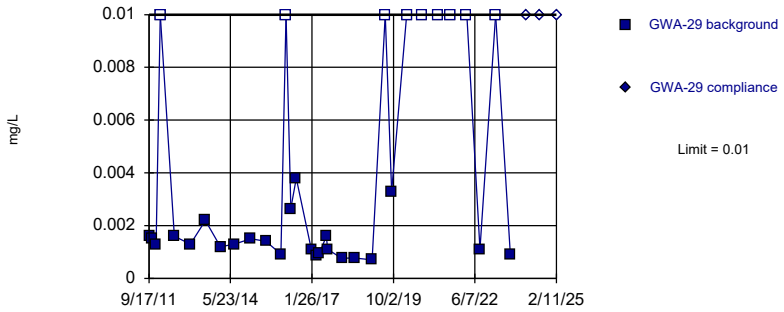
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 27.27% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

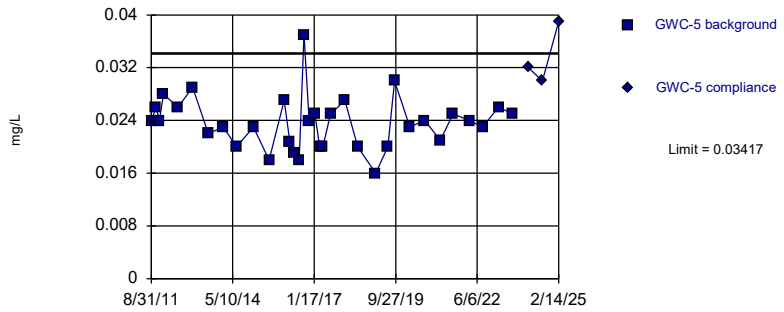
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02361, Std. Dev.=0.004056, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9484, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

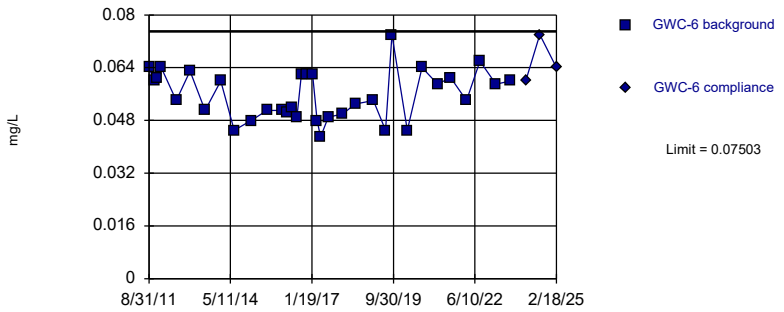
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05569, Std. Dev.=0.007428, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

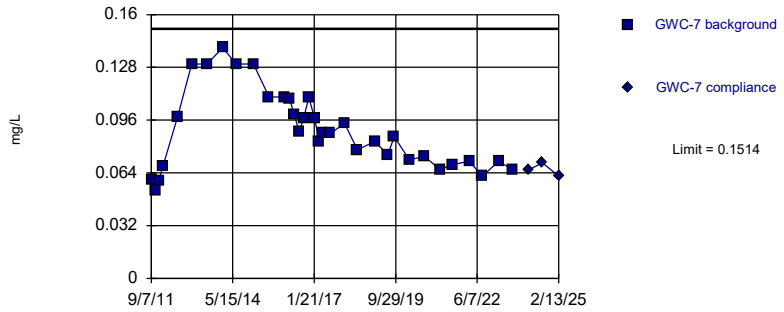
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08958, Std. Dev.=0.02375, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

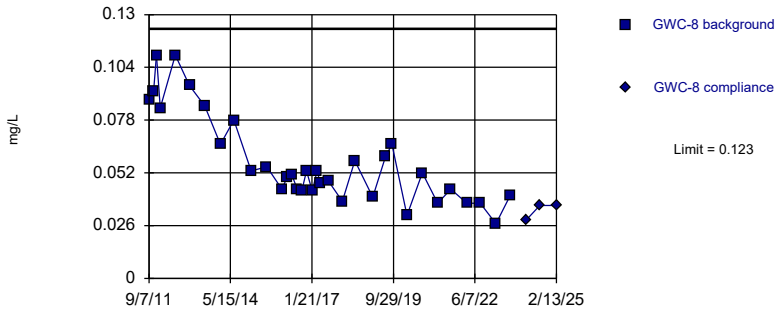
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2362, Std. Dev.=0.044, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

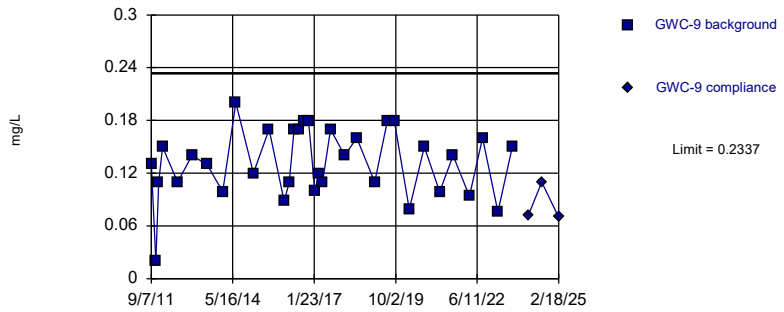
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1322, Std. Dev.=0.03898, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9578, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

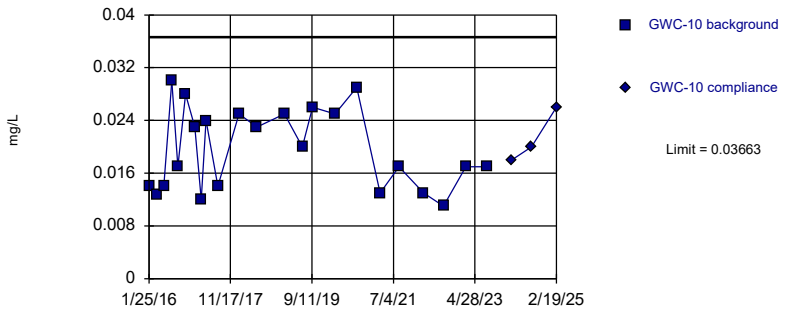
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01955, Std. Dev.=0.006126, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9121, critical = 0.881. Kappa = 2.787 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

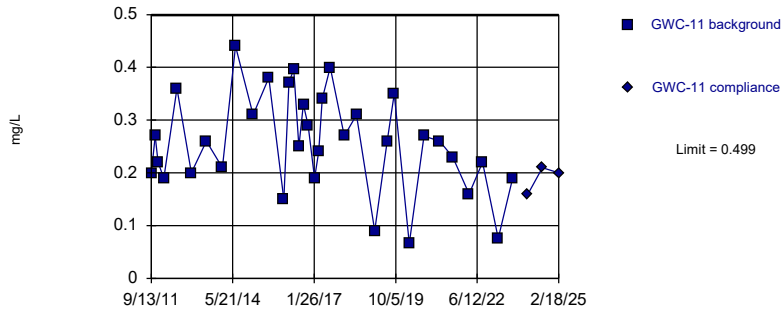
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2574, Std. Dev.=0.09282, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9757, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

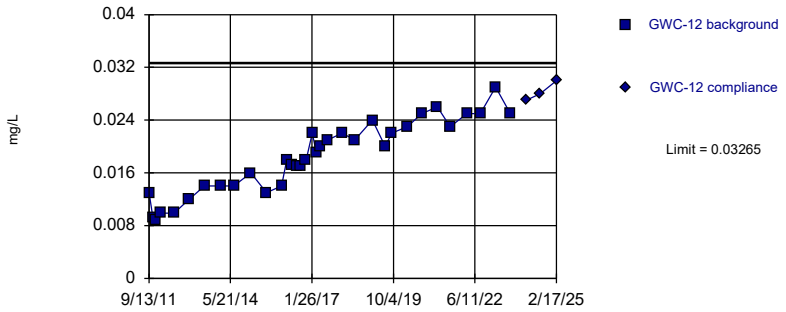
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01844, Std. Dev.=0.005459, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9575, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

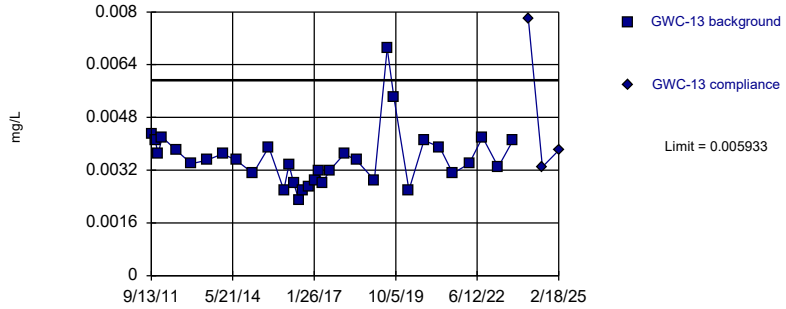
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05922, Std. Dev.=0.00684, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9131, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

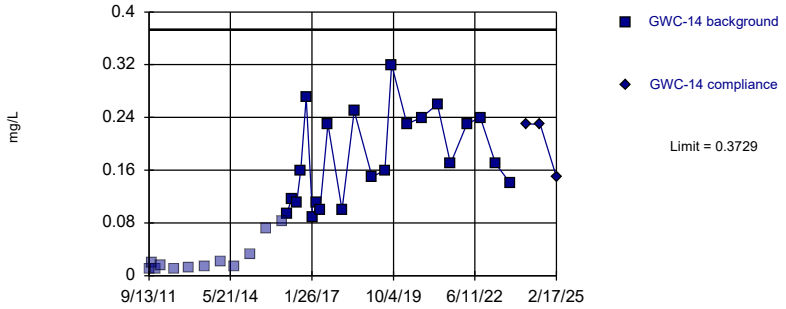
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1791, Std. Dev.=0.06885, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9225, critical = 0.878. Kappa = 2.815 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

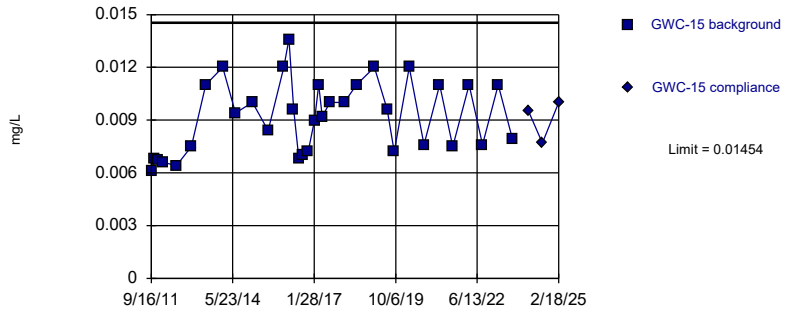
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009167, Std. Dev.=0.002063, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

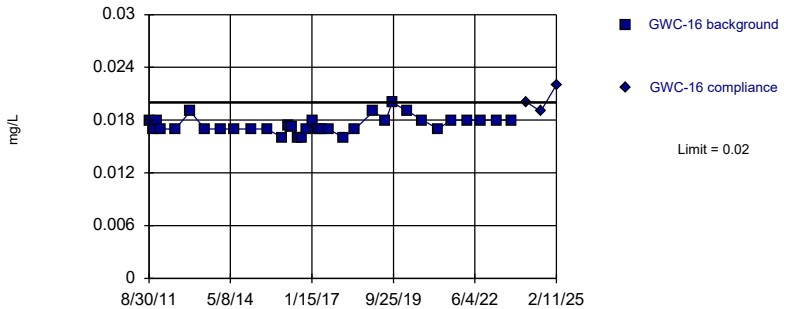
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

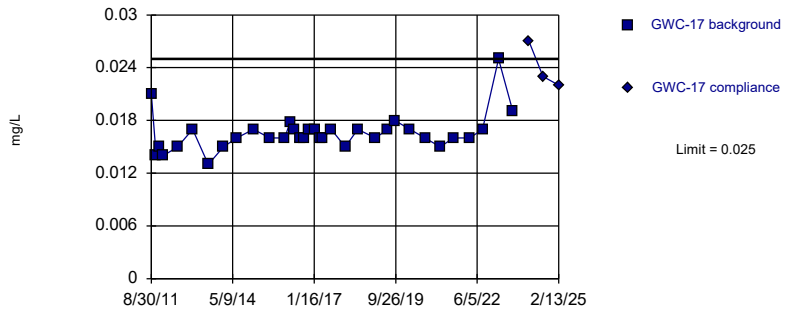
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

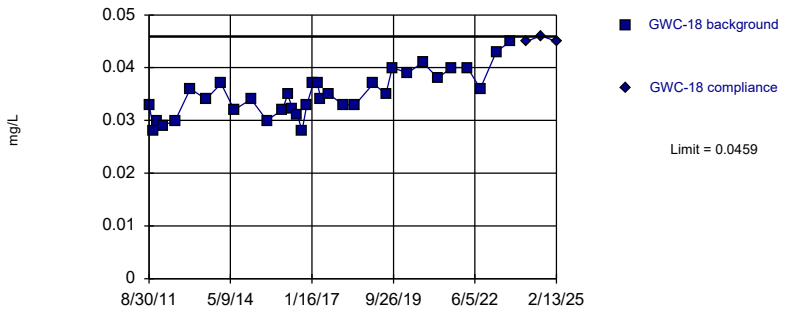
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03492, Std. Dev.=0.004218, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9713, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

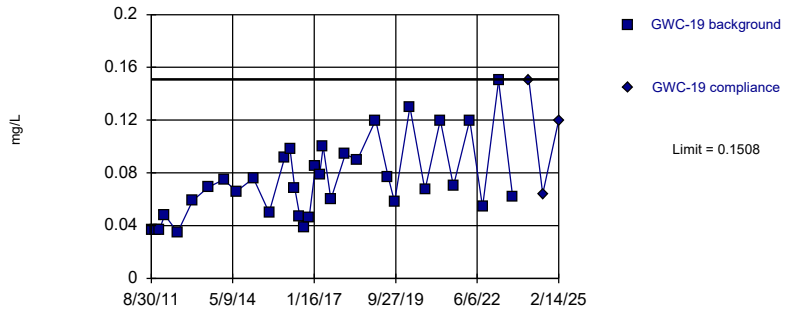
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.07401, Std. Dev.=0.02949, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

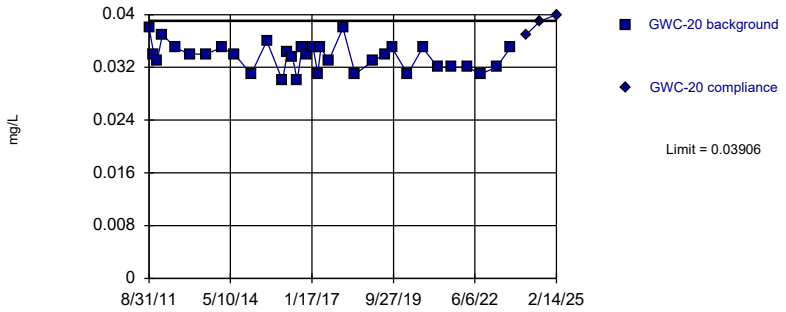
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03362, Std. Dev.=0.002091, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9457, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

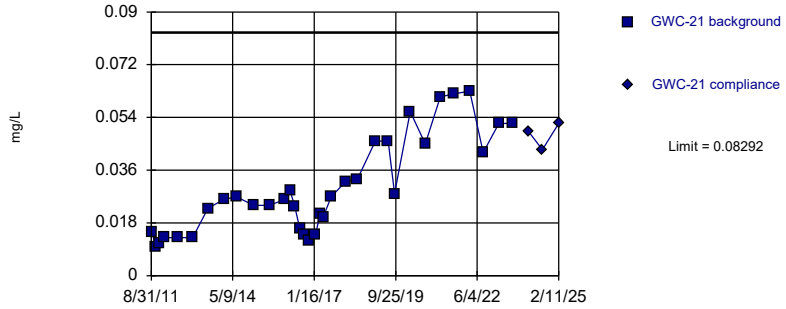
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1671, Std. Dev.=0.04645, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

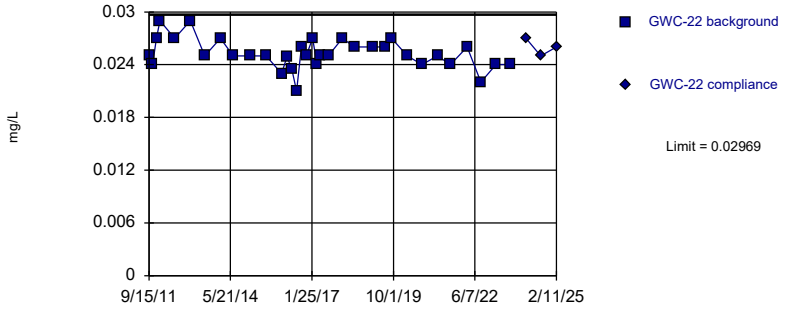
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02525, Std. Dev.=0.001707, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

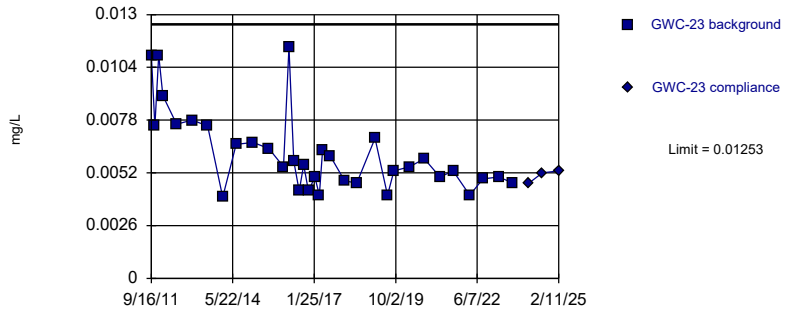
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.132, Std. Dev.=0.289, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.923, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell

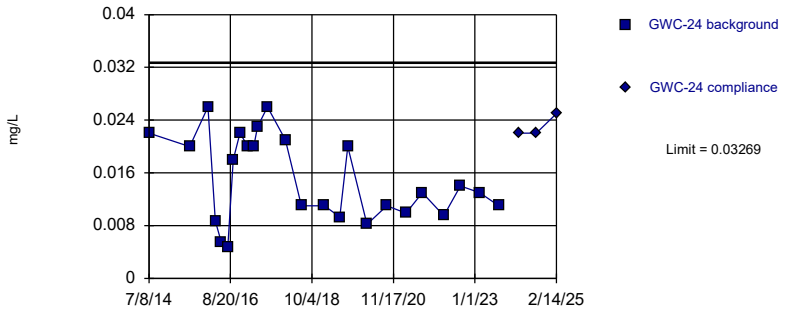
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01511, Std. Dev.=0.006433, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.925, critical = 0.888. Kappa = 2.733 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

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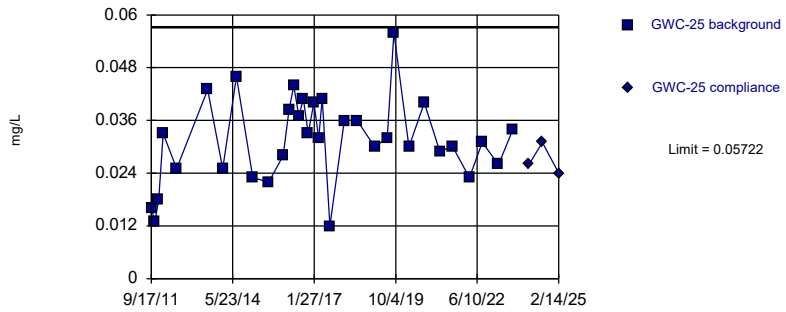
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03161, Std. Dev.=0.009794, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.986, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

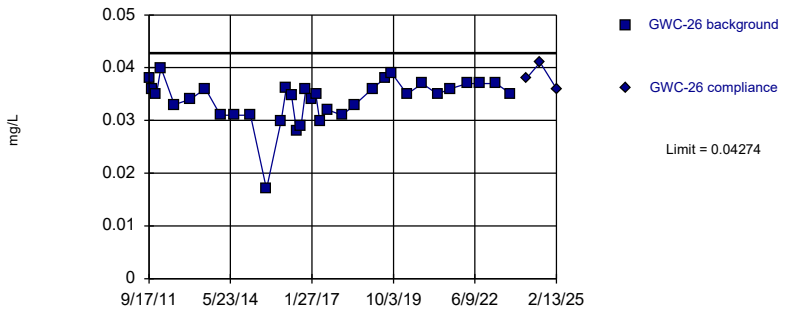
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.001167, Std. Dev.=0.0002535, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

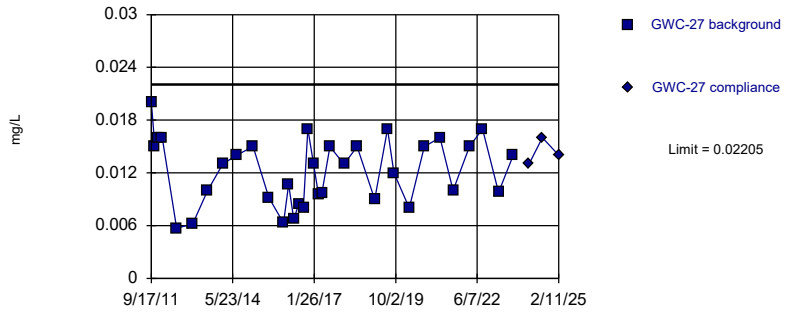
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01222, Std. Dev.=0.003777, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

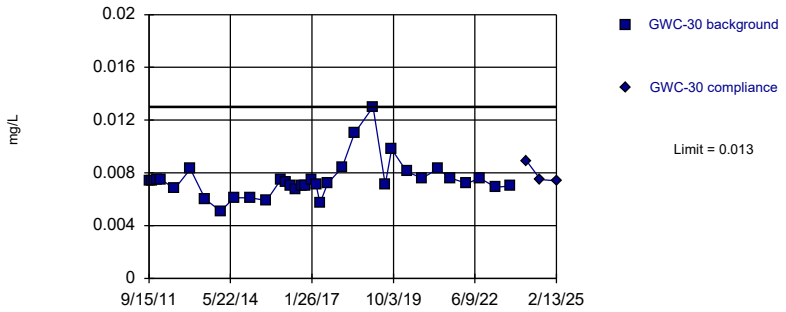
Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

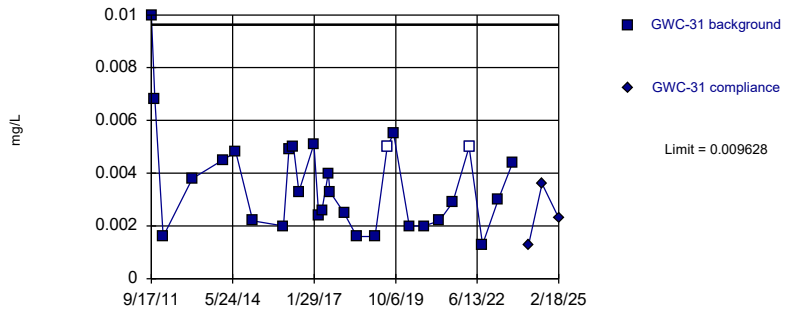
Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05847, Std. Dev.=0.01488, n=29, 6.897% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9427, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

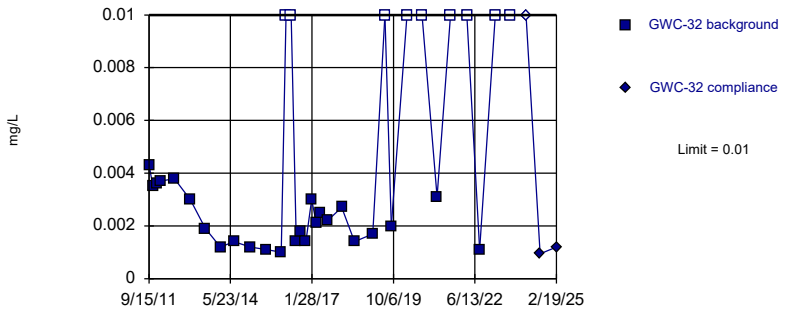
Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 26.47% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

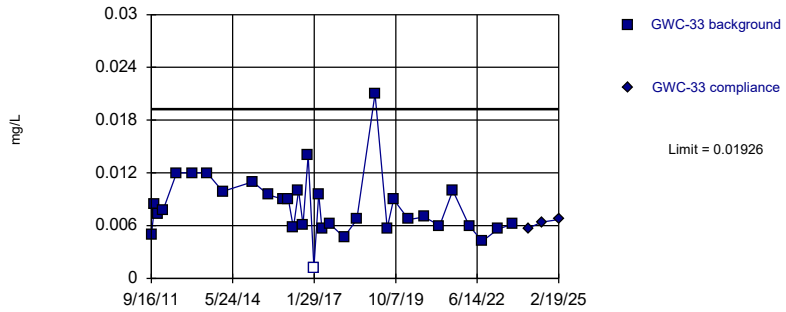
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.08848, Std. Dev.=0.01924, n=33, 3.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9546, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

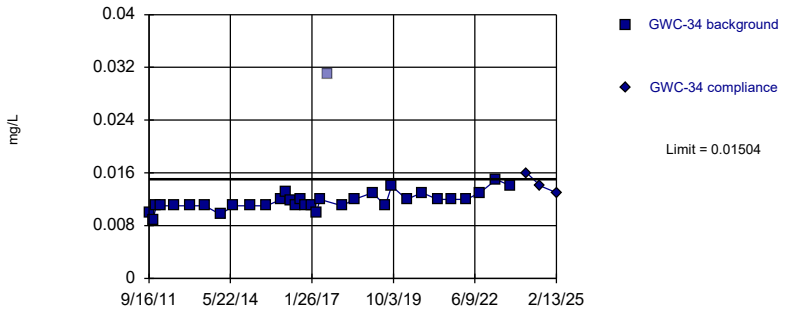
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01166, Std. Dev.=0.001293, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

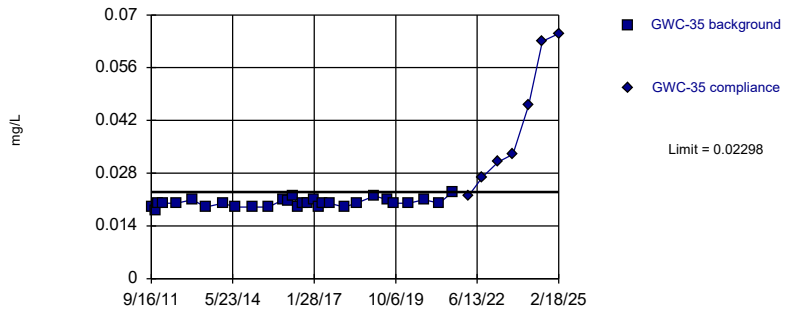
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02009, Std. Dev.=0.001091, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9108, critical = 0.9. Kappa = 2.648 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

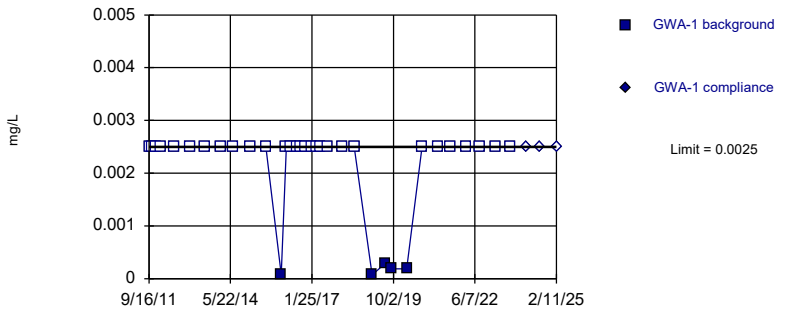
Constituent: Barium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

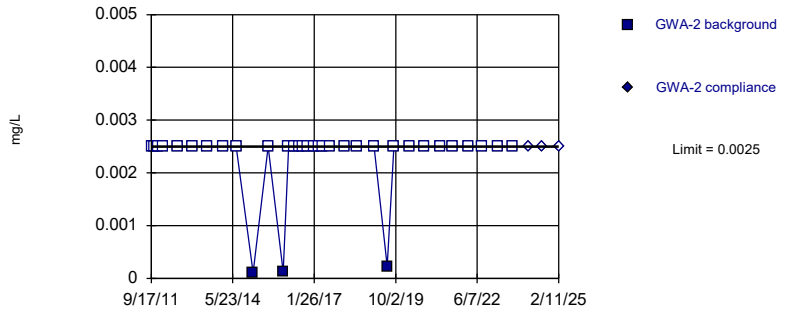
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

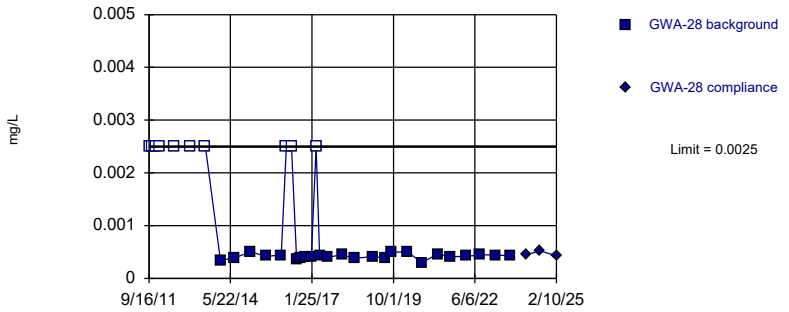
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 29.41% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

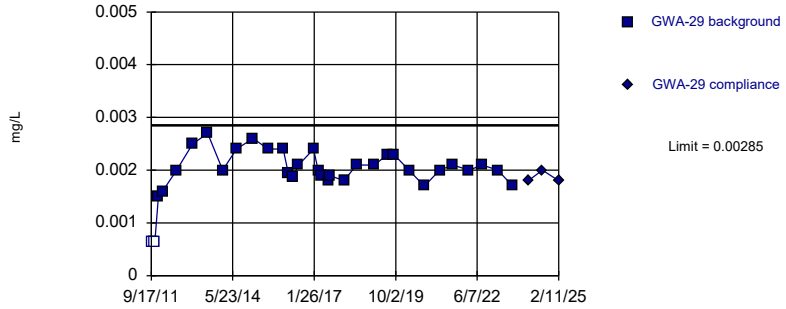
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.000004133, Std. Dev.=0.000001525, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9501, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

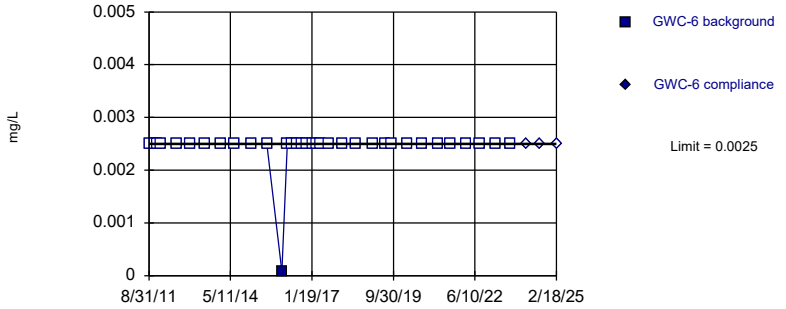
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

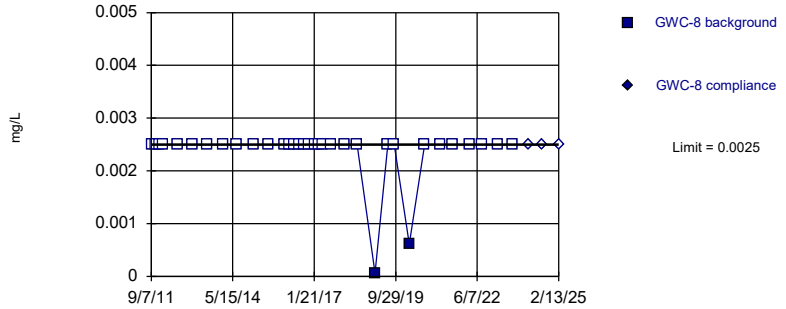
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

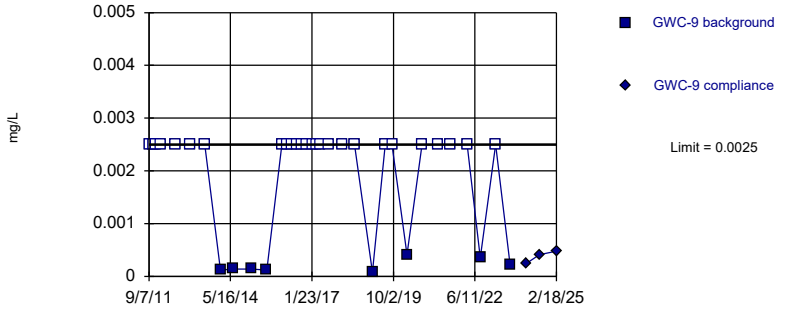
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



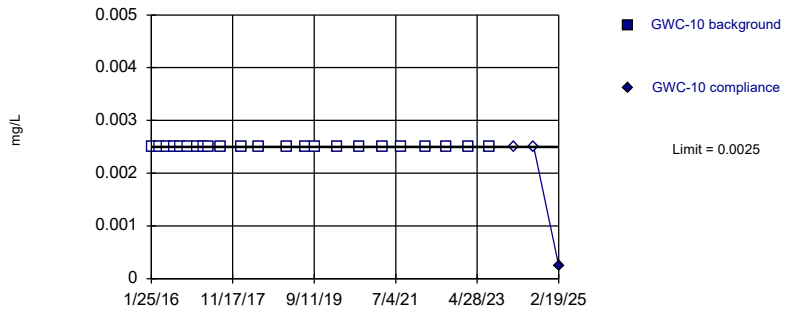
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



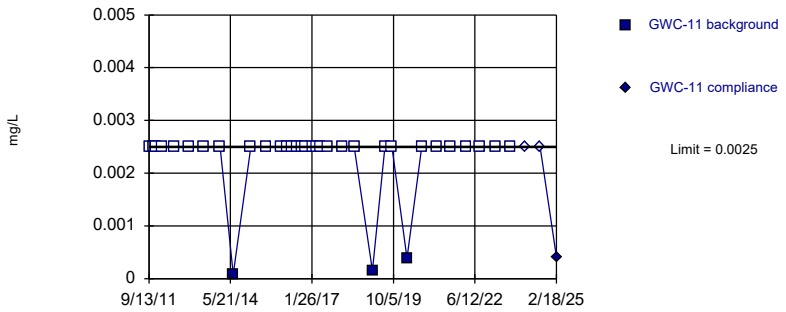
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Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



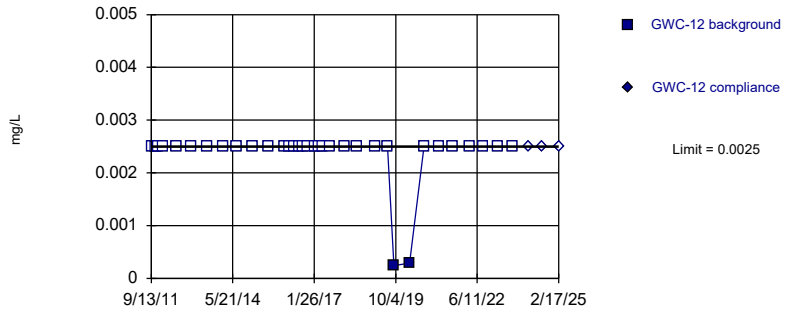
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



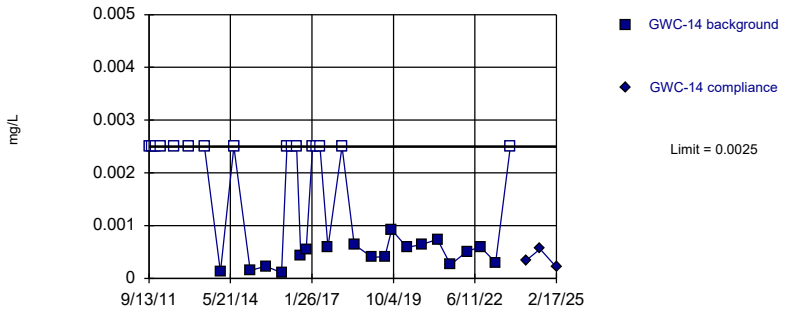
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



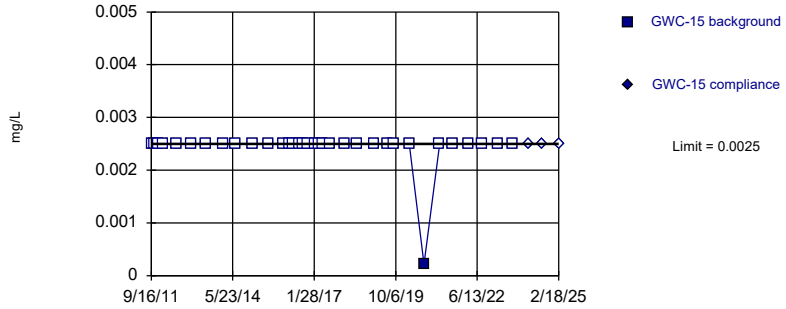
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



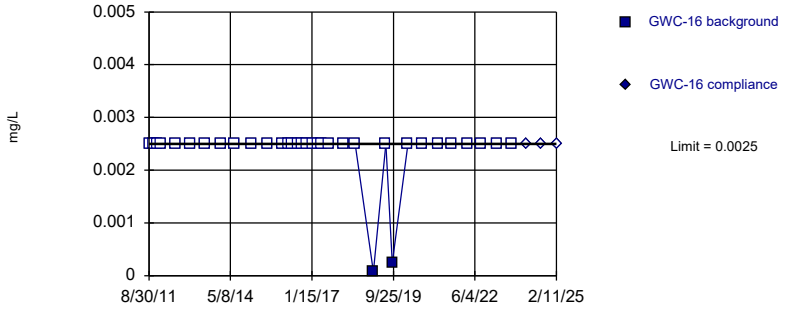
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:05 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



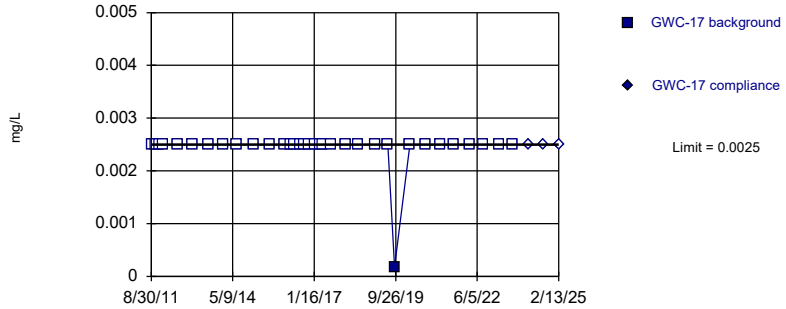
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



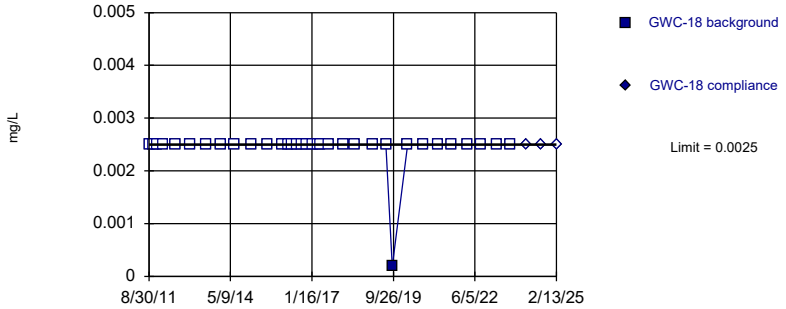
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

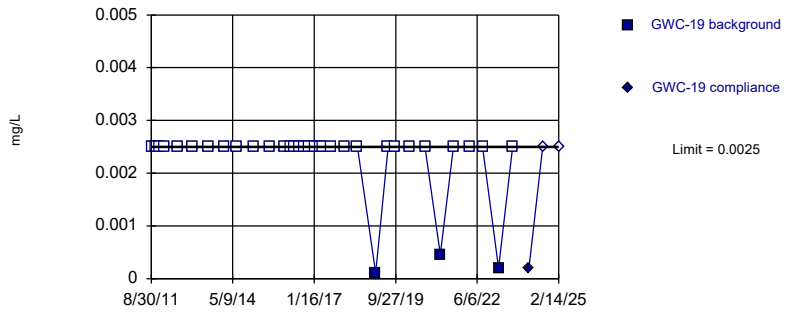
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

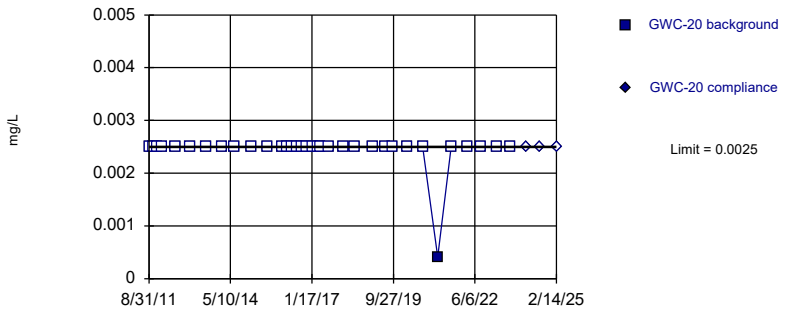
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



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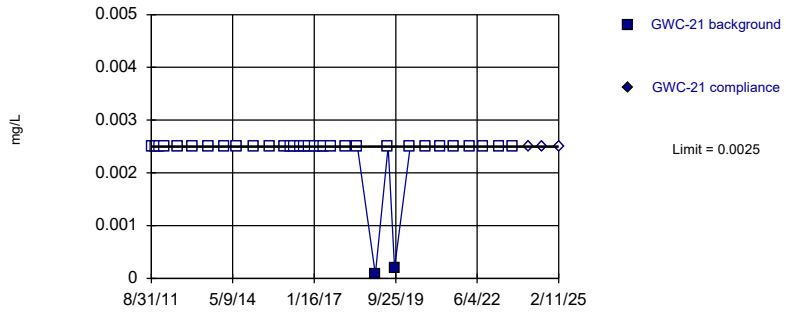
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

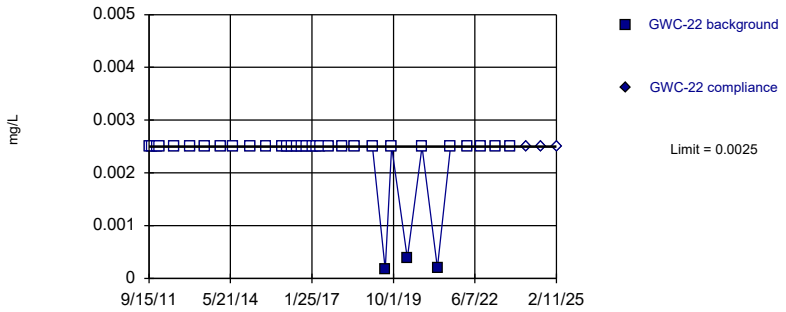
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



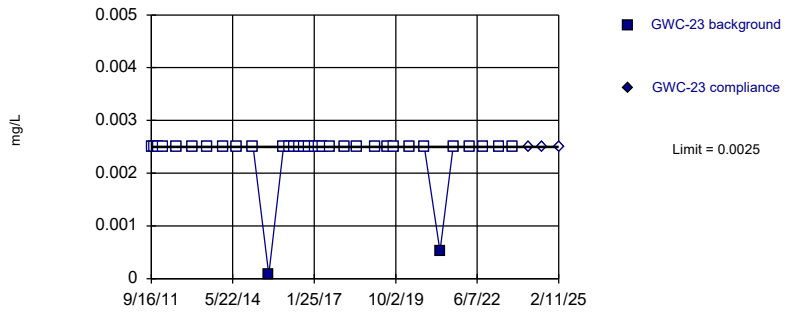
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Prediction Limit

Intrawell Non-parametric



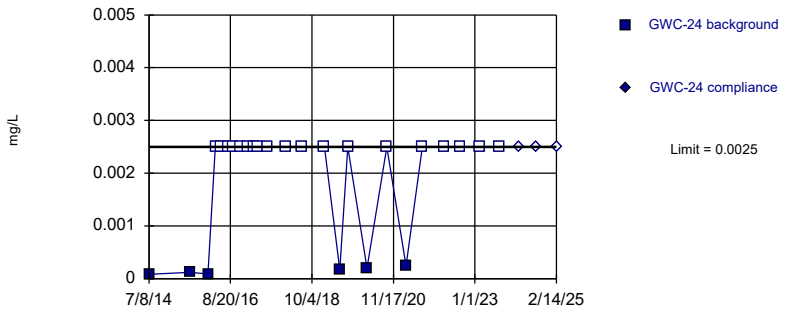
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



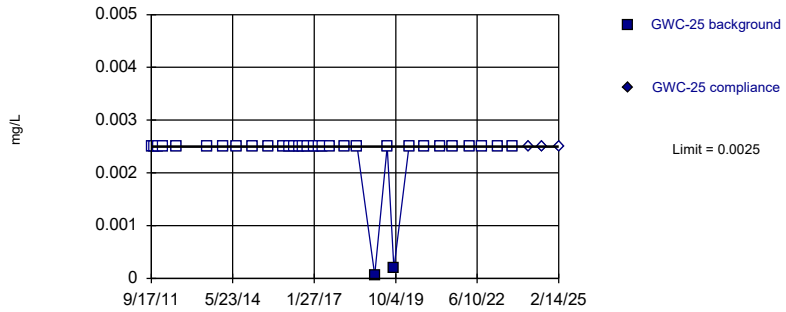
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



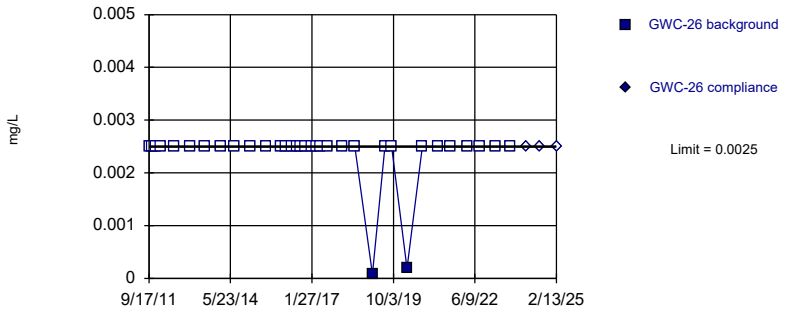
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

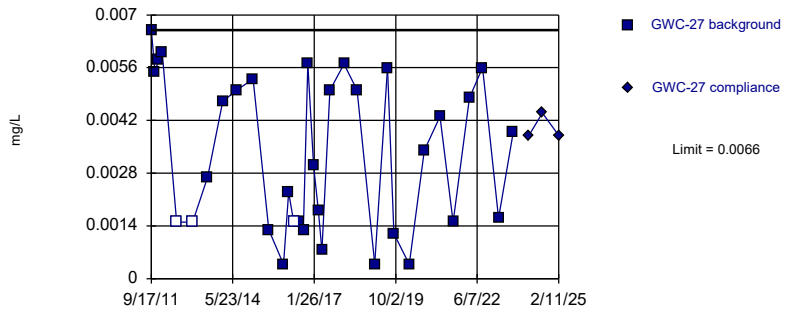
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 8.824% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

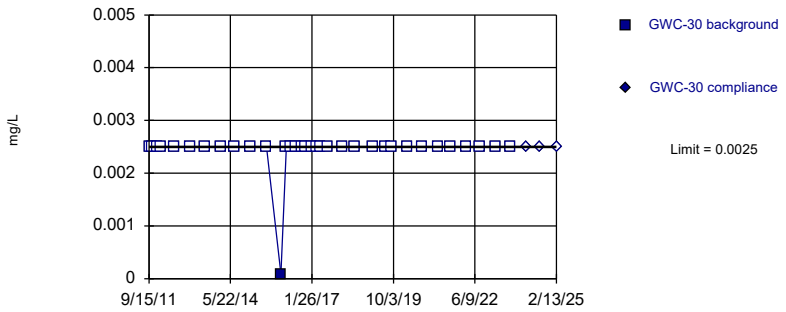
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

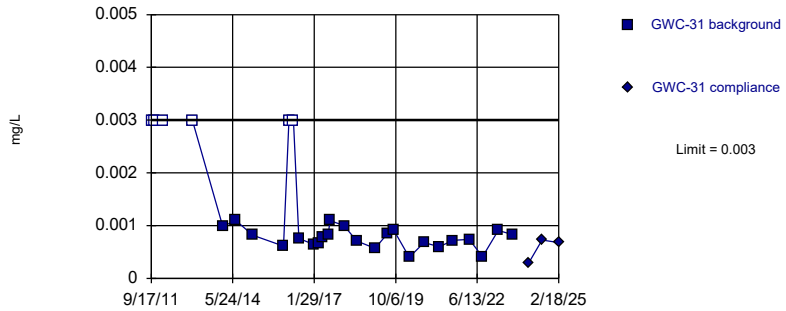
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 20.69% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

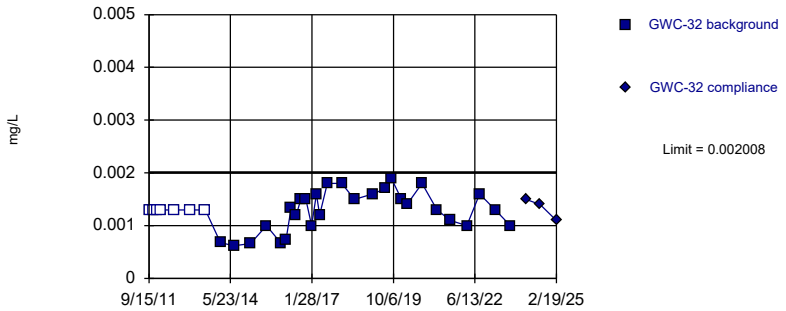
Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



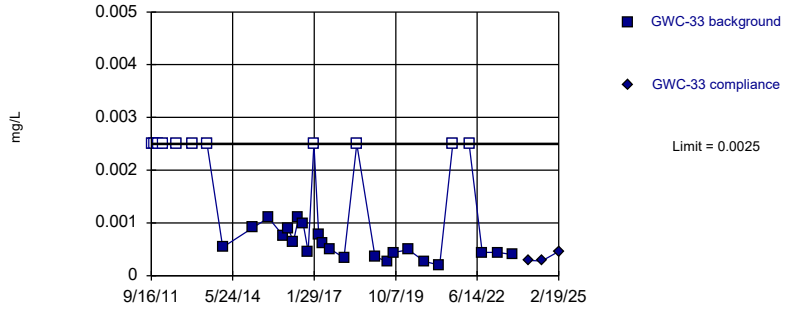
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.000989, Std. Dev.=0.0003931, n=35, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9414, critical = 0.91. Kappa = 2.592 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



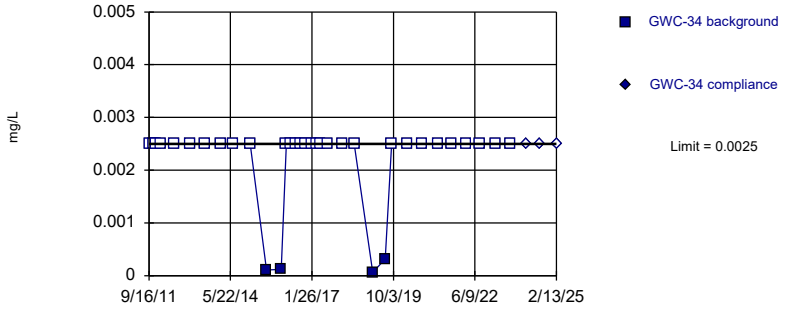
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



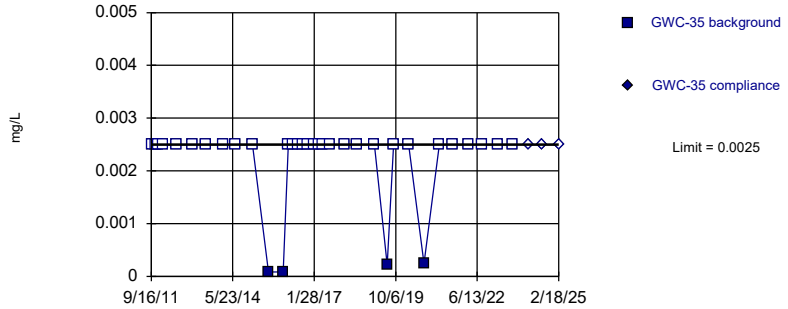
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



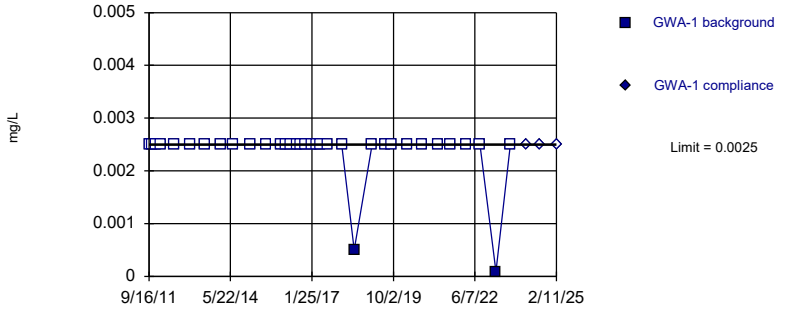
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Beryllium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

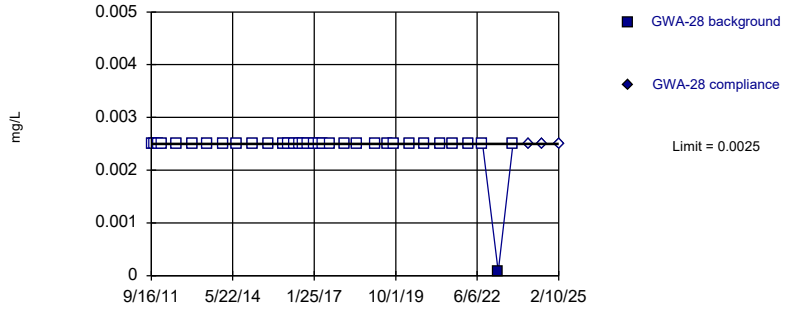
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



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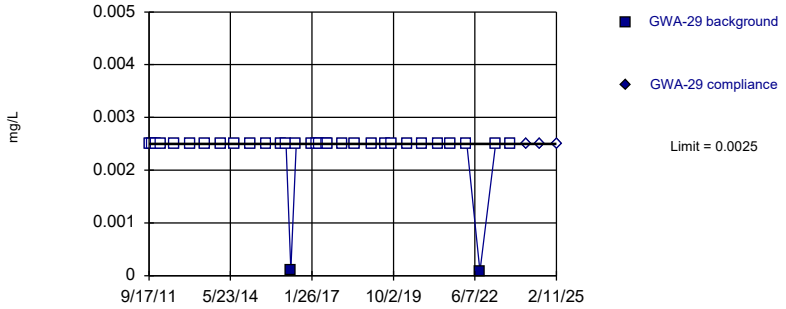
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Intrawell Non-parametric



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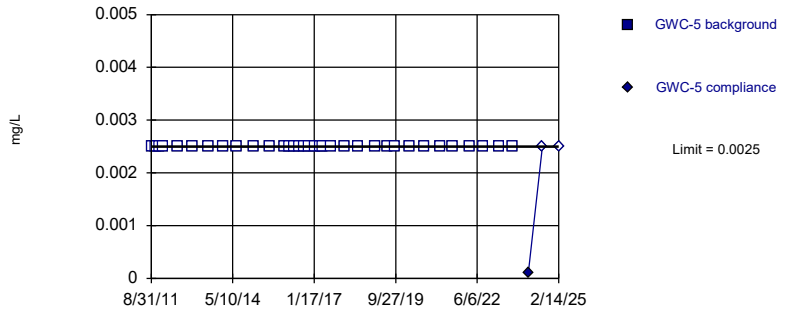
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 34) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

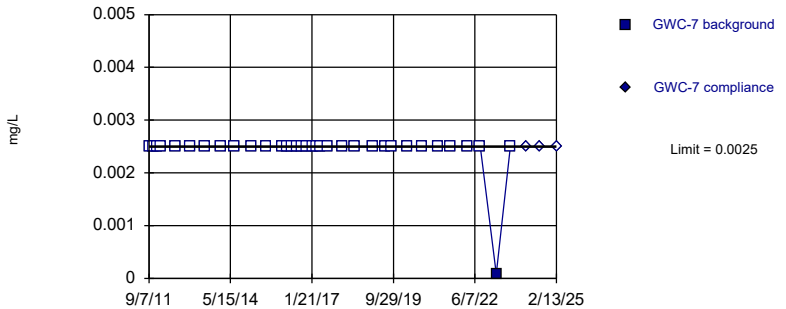
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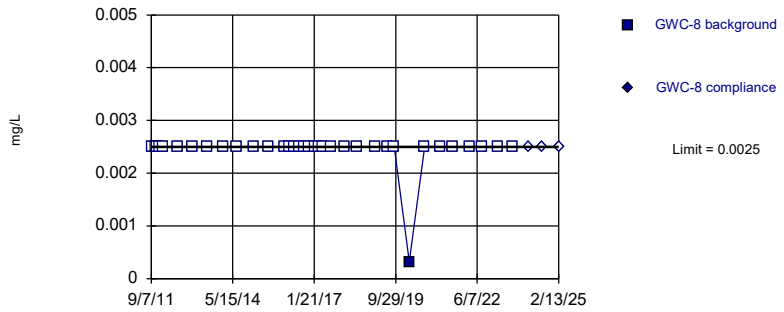
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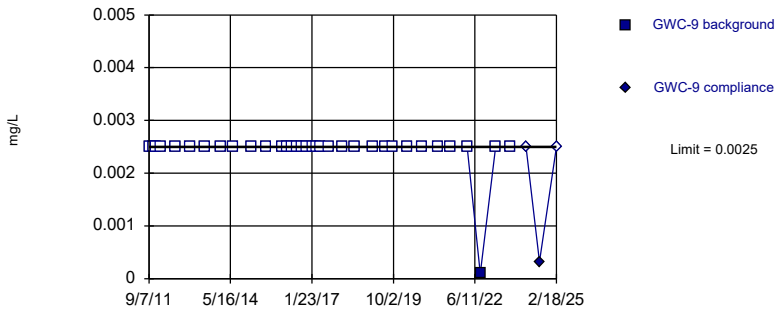
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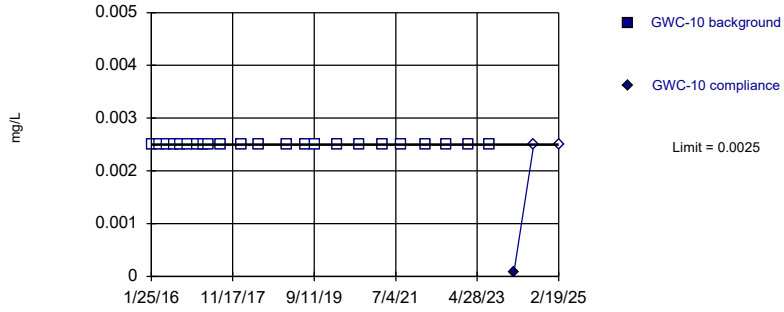
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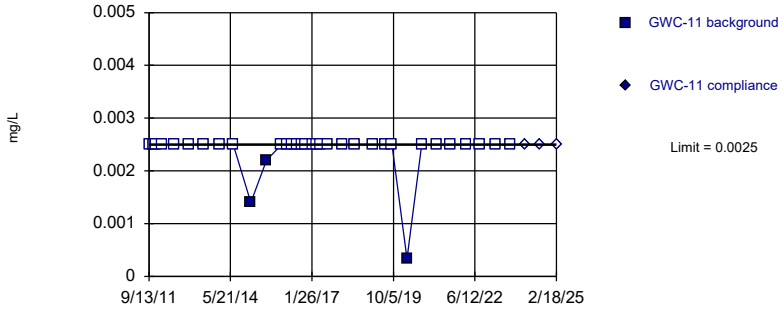
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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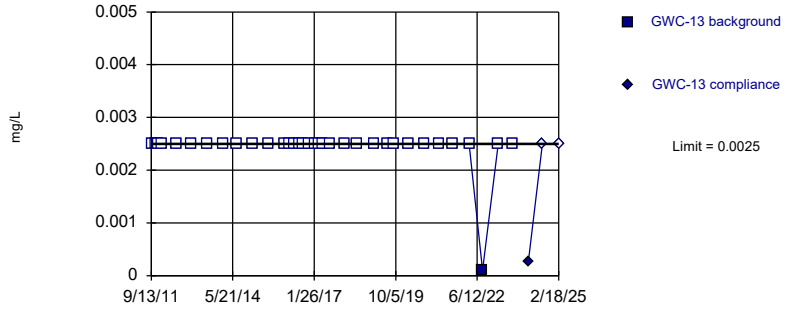
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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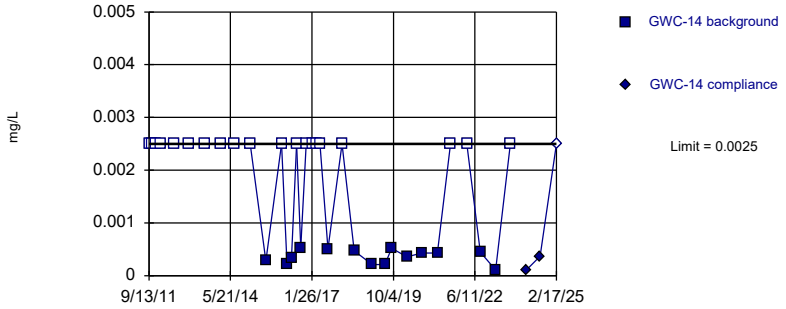
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 58.82% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

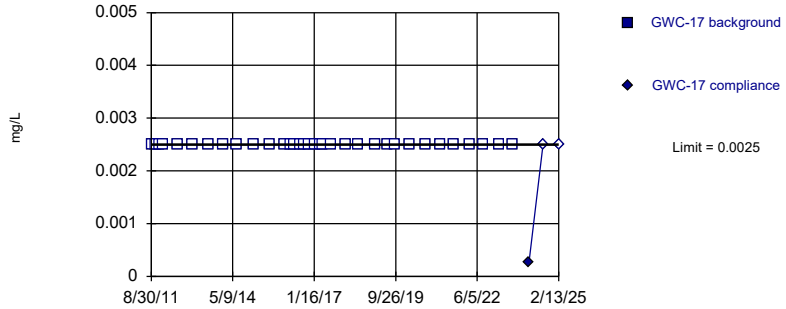
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 34) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

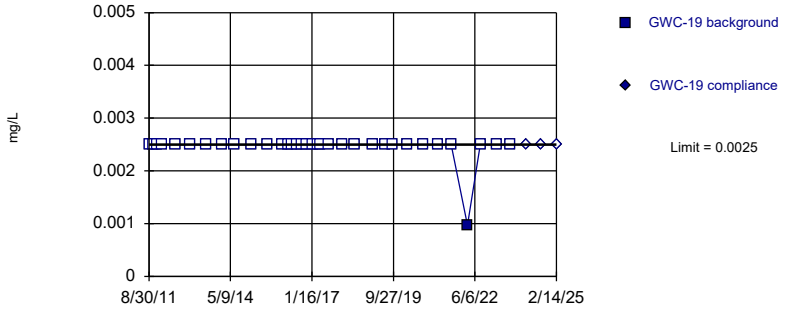
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

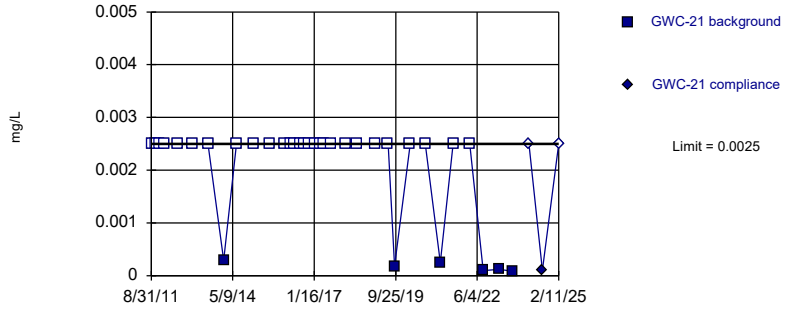
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

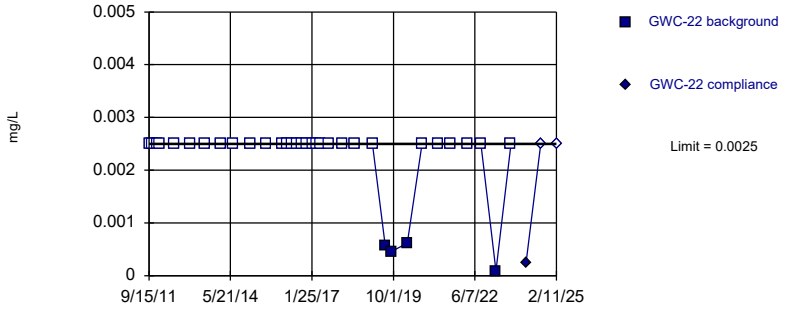
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

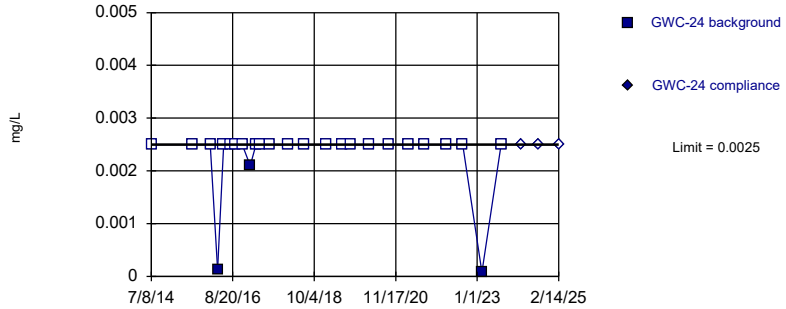
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

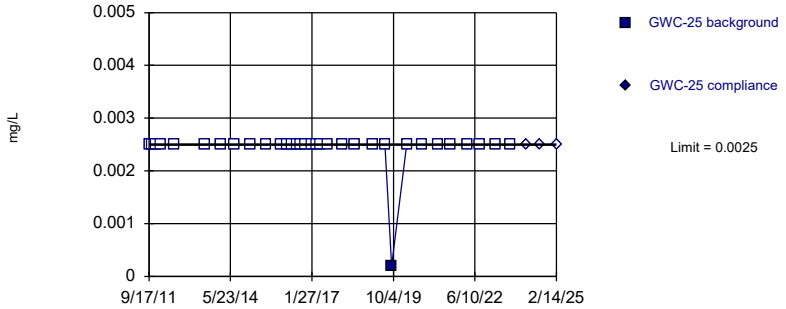
Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



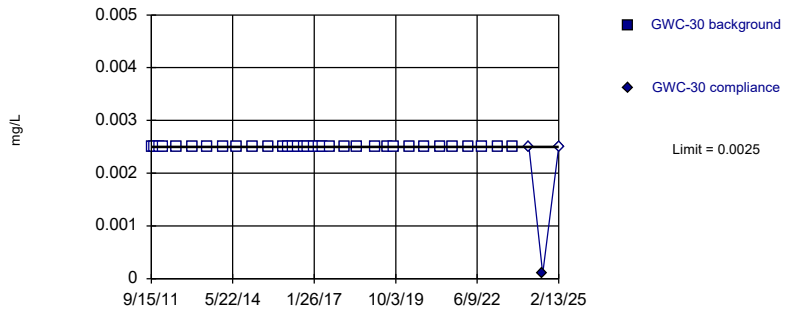
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



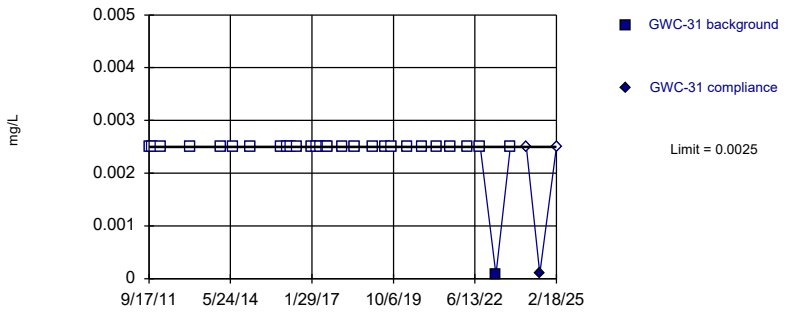
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 34) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



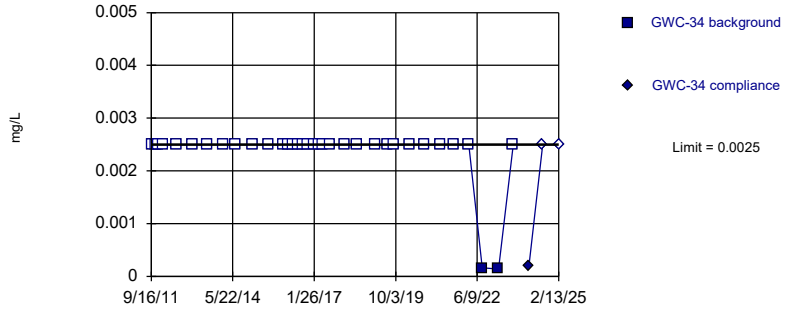
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



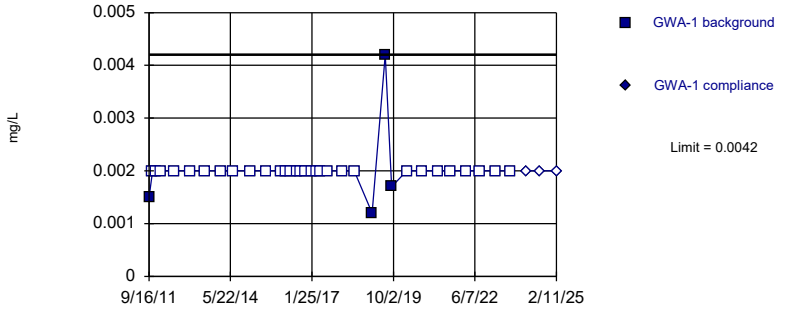
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Cadmium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

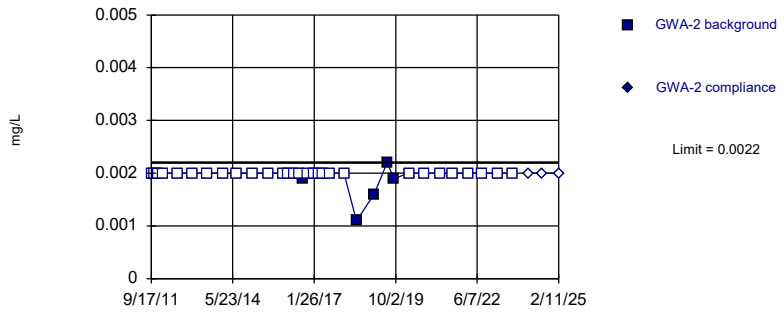
Constituent: Chromium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

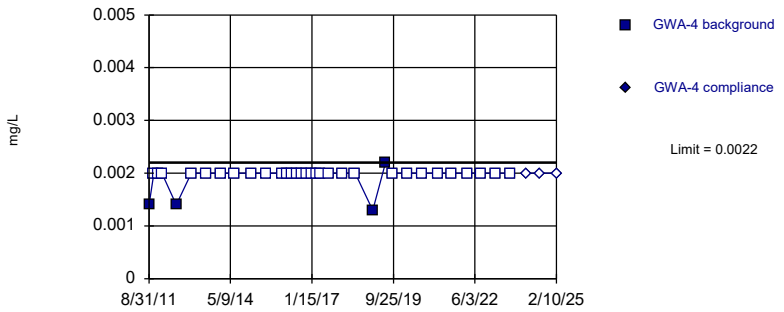
Constituent: Chromium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

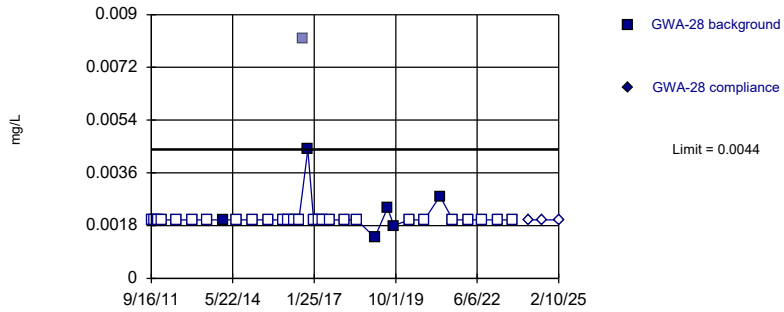
Constituent: Chromium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

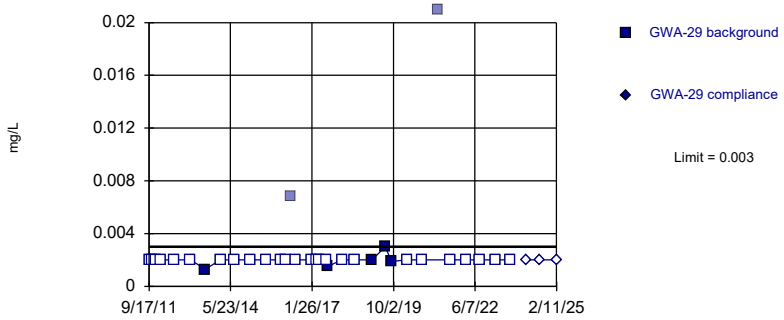
Constituent: Chromium Analysis Run 4/14/2025 5:06 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



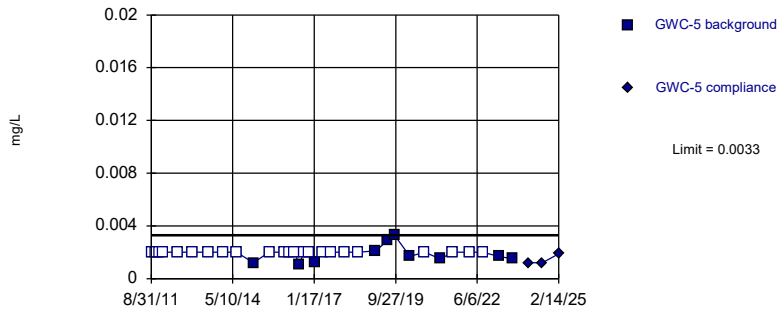
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



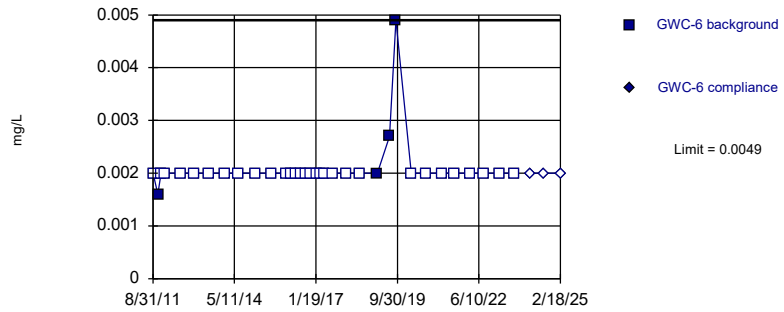
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



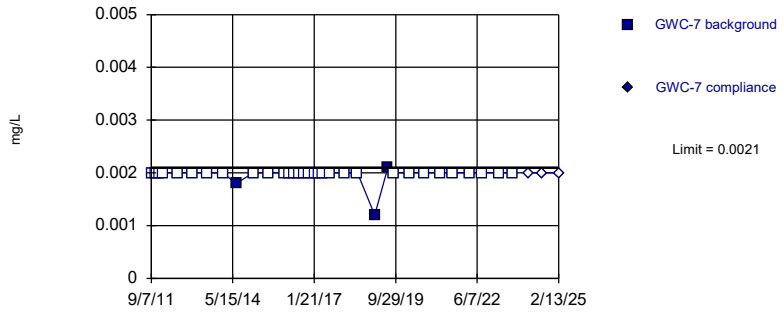
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



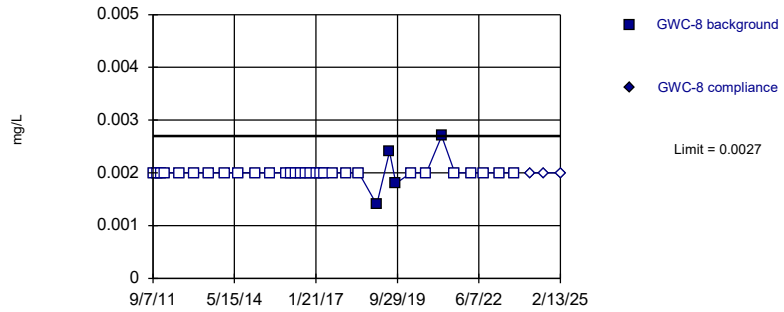
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

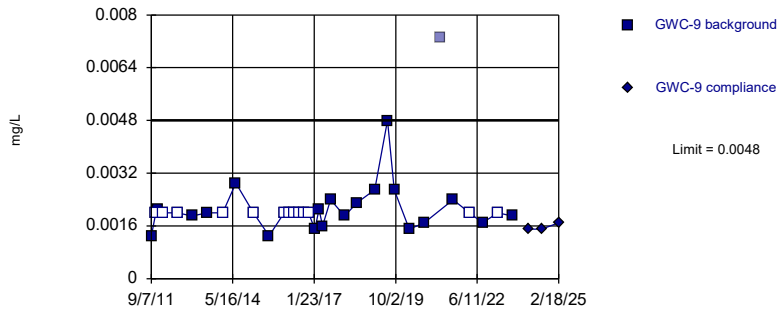
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 39.39% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

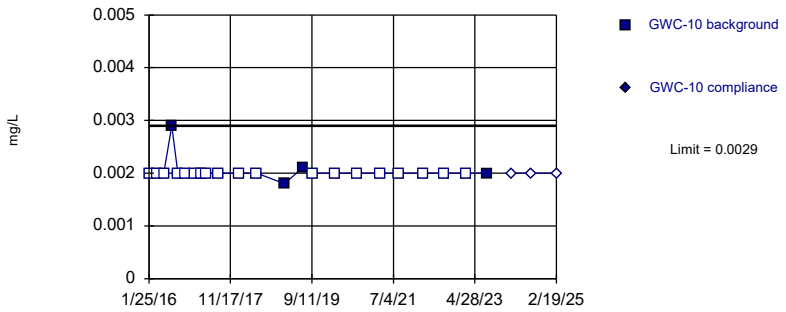
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

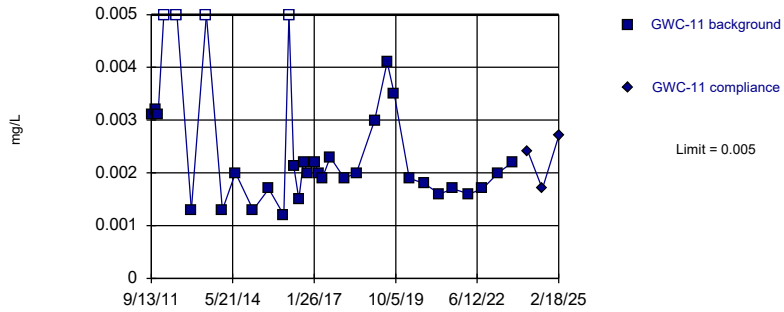
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 11.76% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

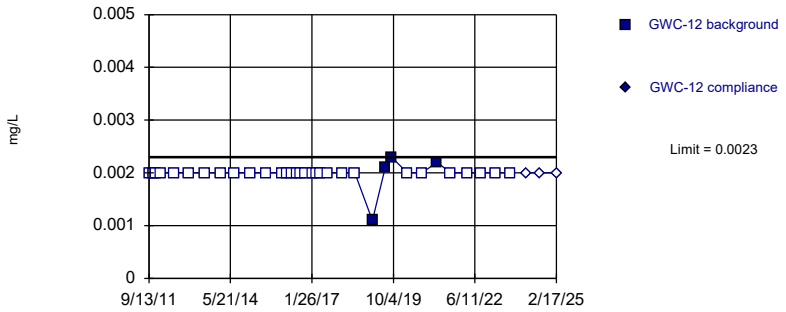
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

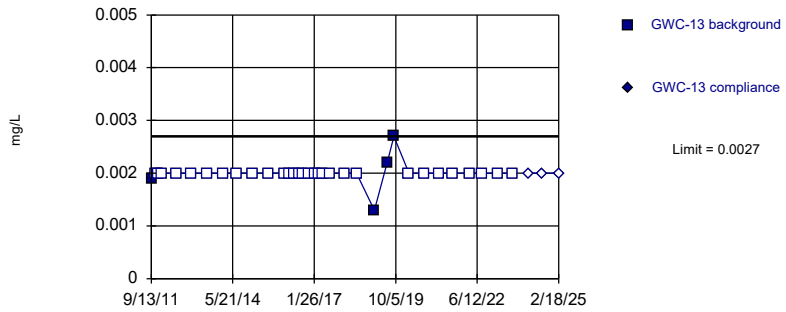
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

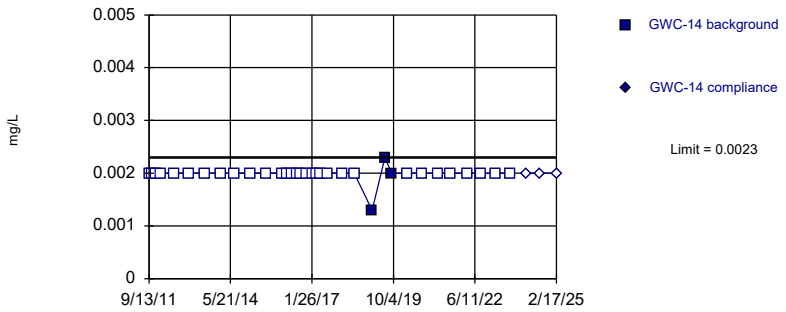
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

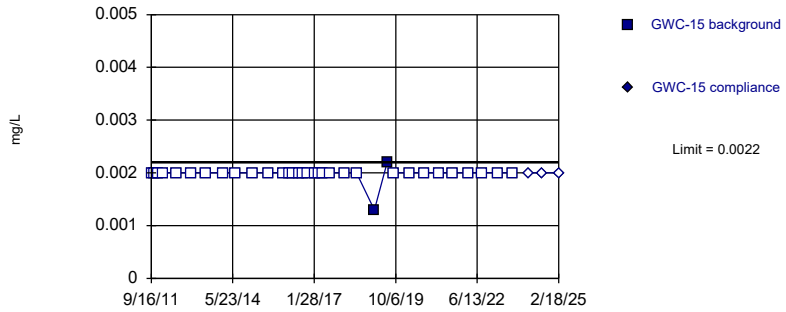
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

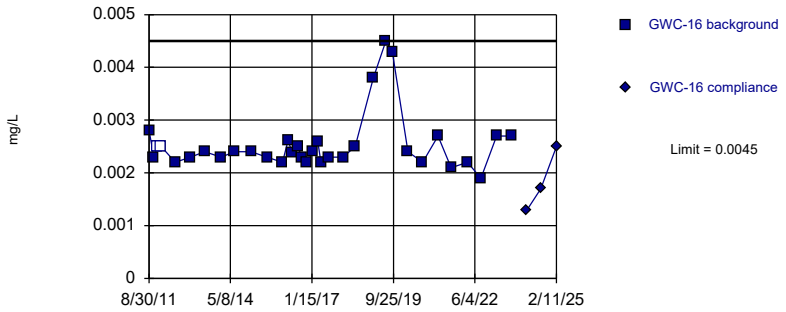
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

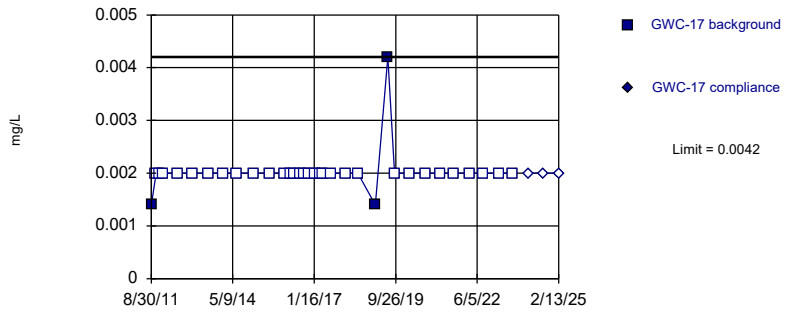
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

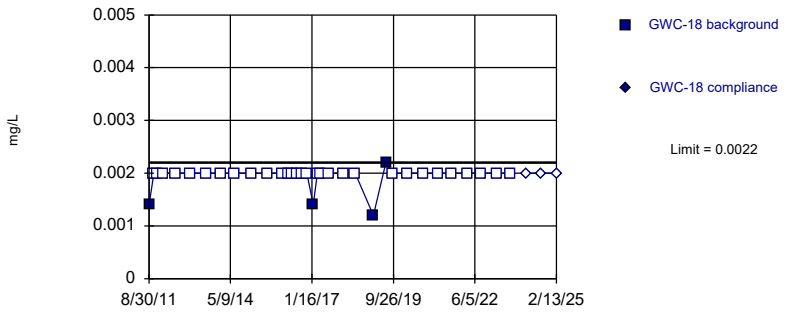
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

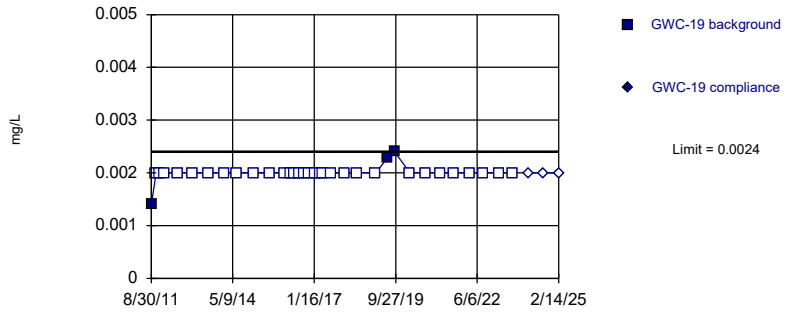
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

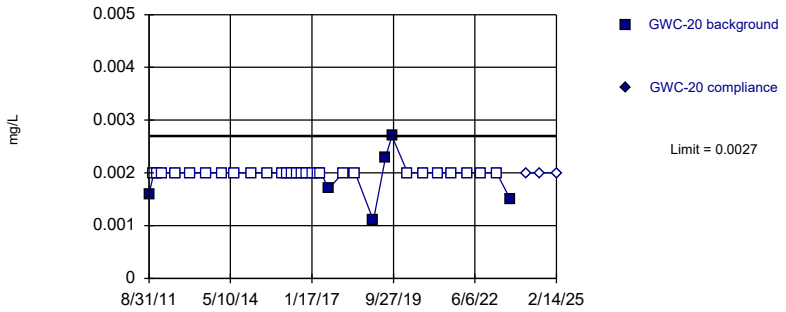
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

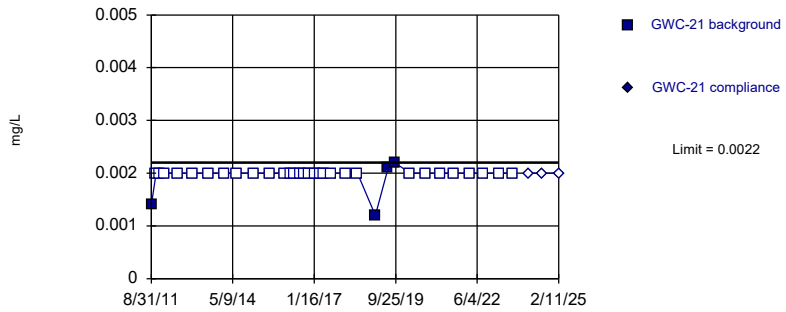
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

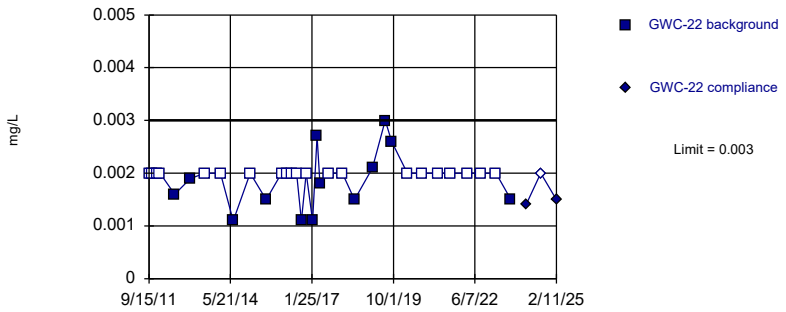
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 61.76% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

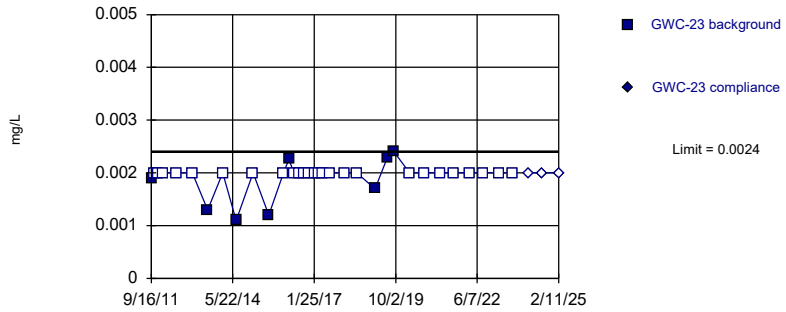
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 76.47% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

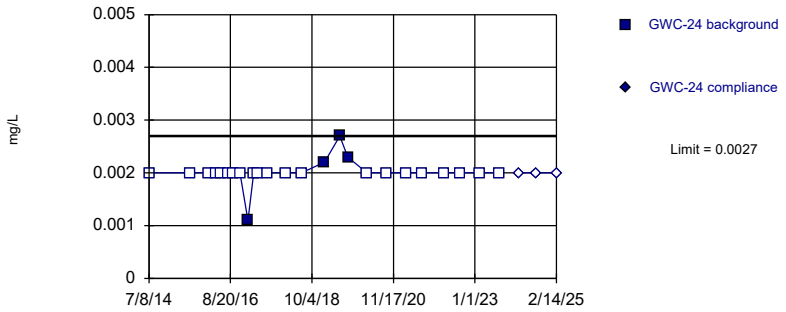
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



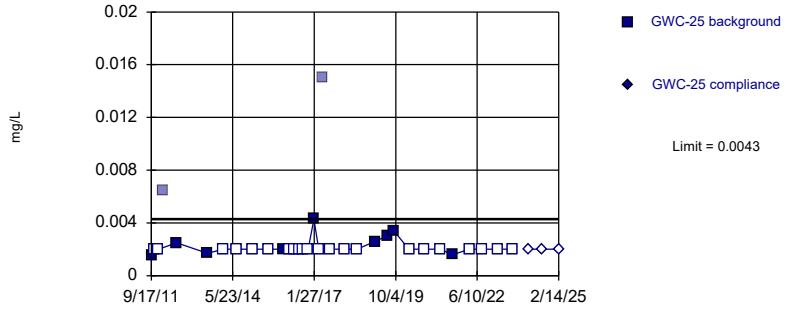
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 84% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



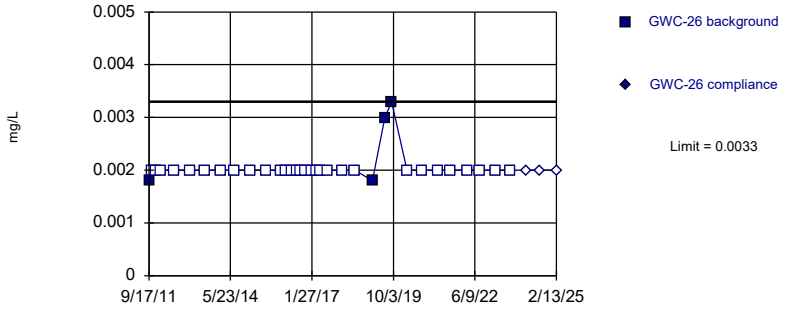
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



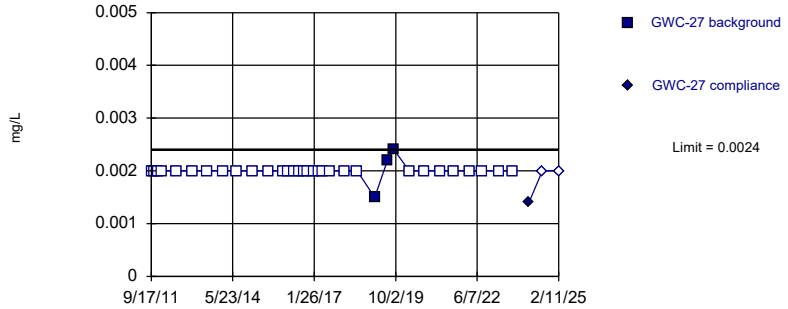
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



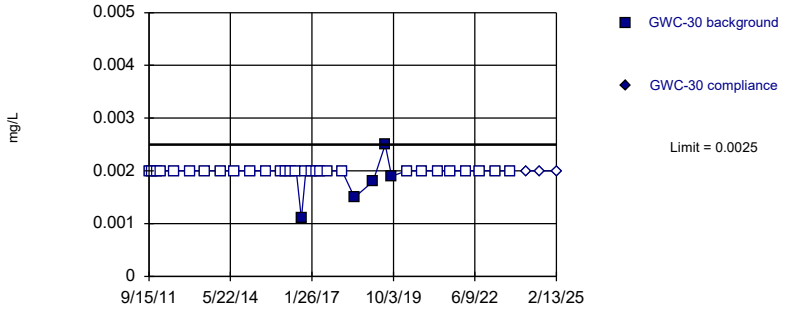
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



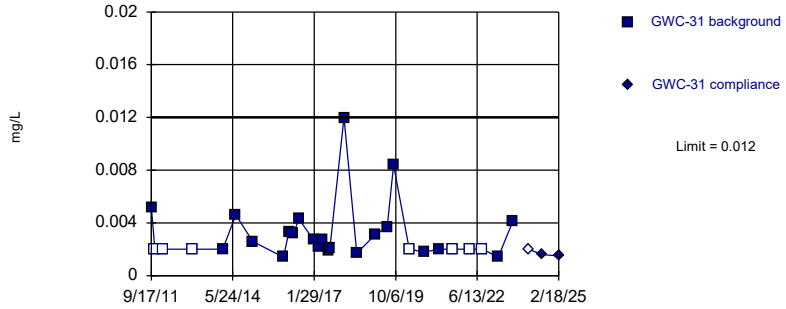
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



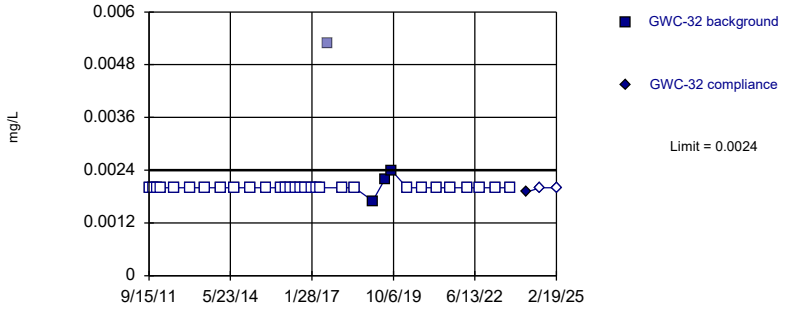
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 24.14% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



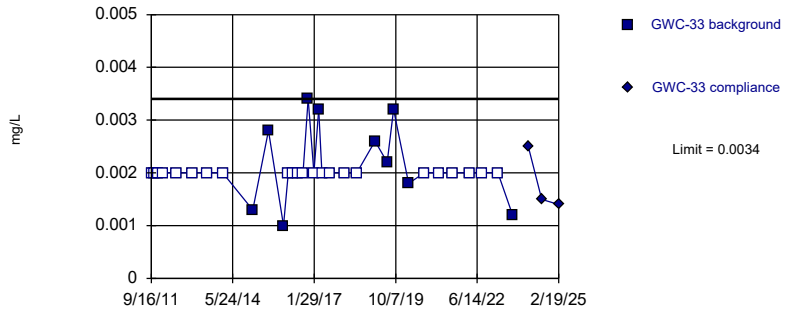
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



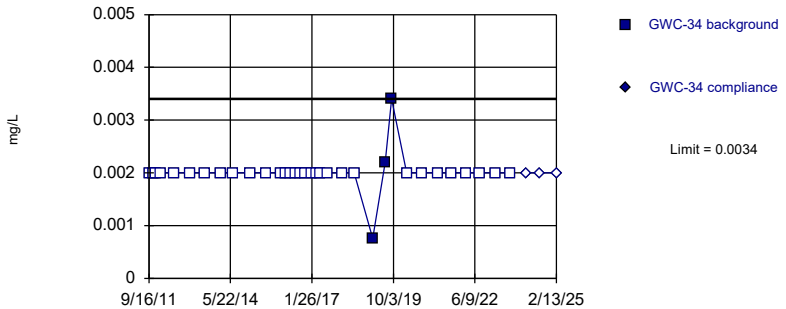
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

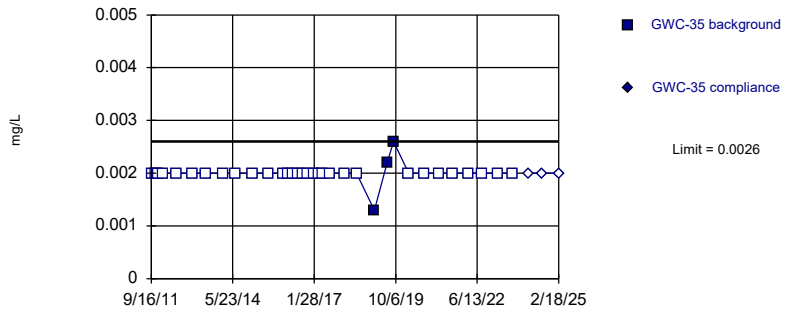
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

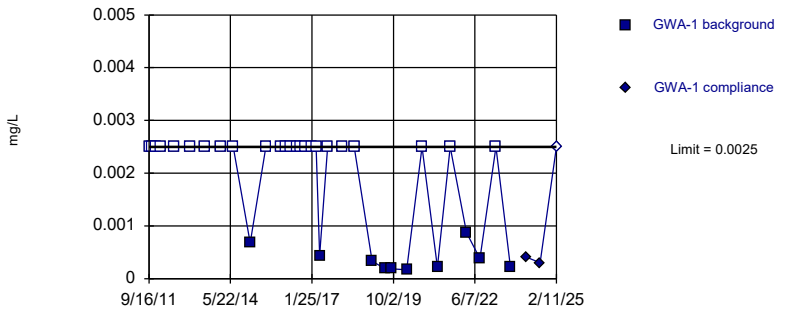
Constituent: Chromium Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

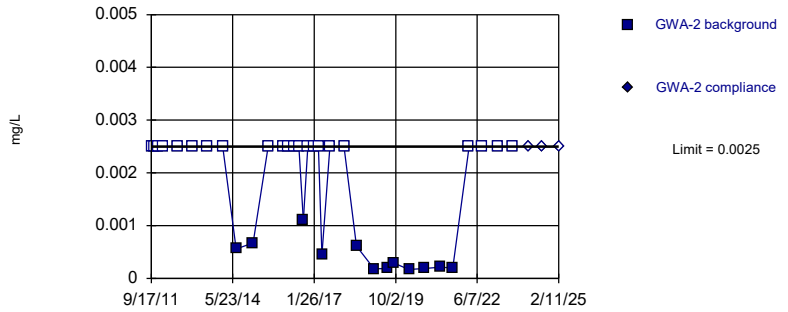
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

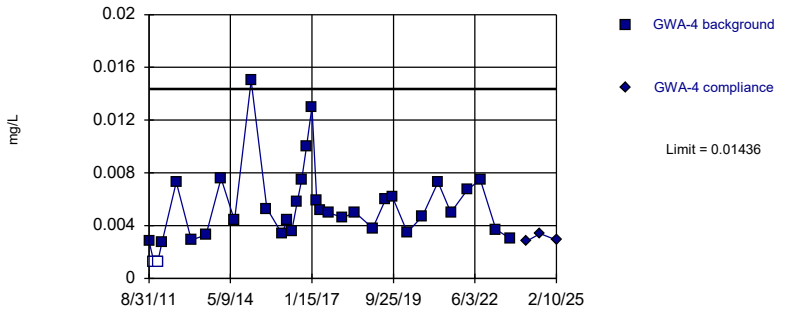
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.07138, Std. Dev.=0.01861, n=34, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9551, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

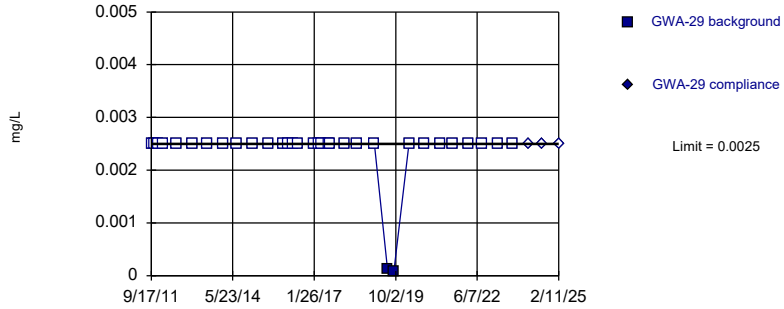
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

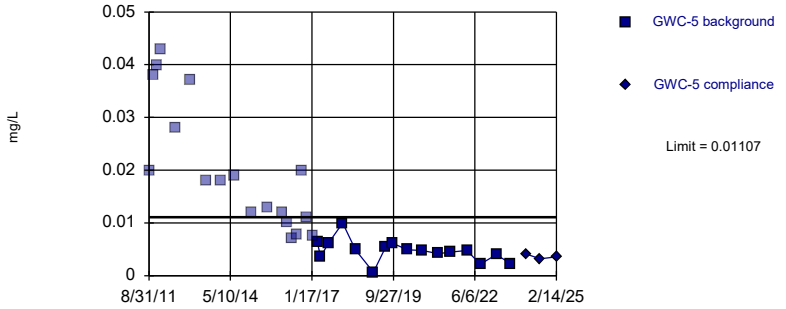
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00468, Std. Dev.=0.002091, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9335, critical = 0.887. Kappa = 3.056 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

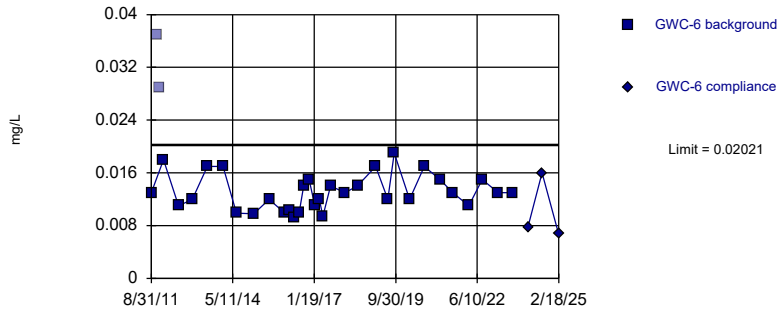
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01309, Std. Dev.=0.002714, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9347, critical = 0.904. Kappa = 2.625 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

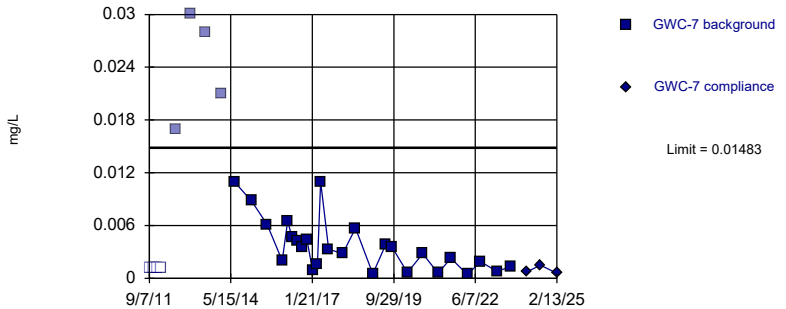
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05559, Std. Dev.=0.02438, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9509, critical = 0.891. Kappa = 2.716 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

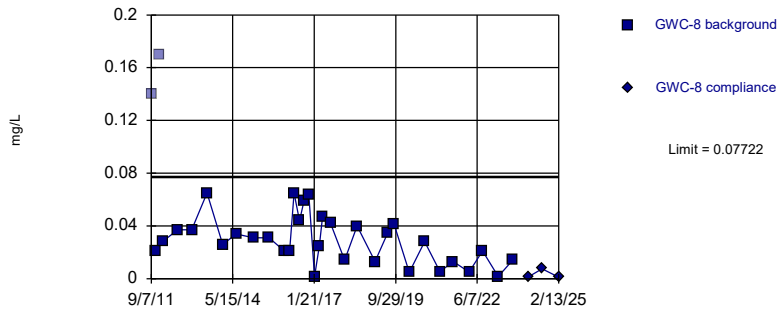
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02922, Std. Dev.=0.01829, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.904. Kappa = 2.625 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

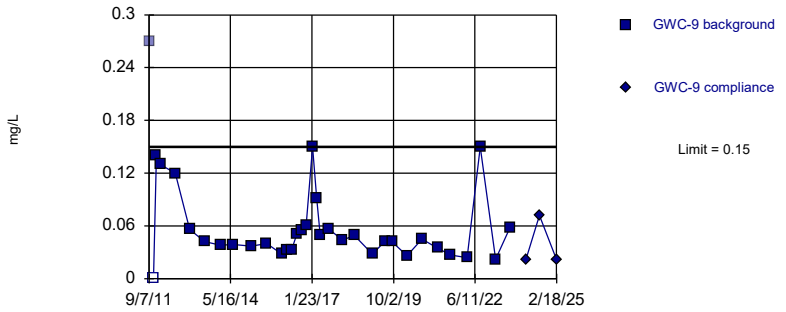
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 3.03% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

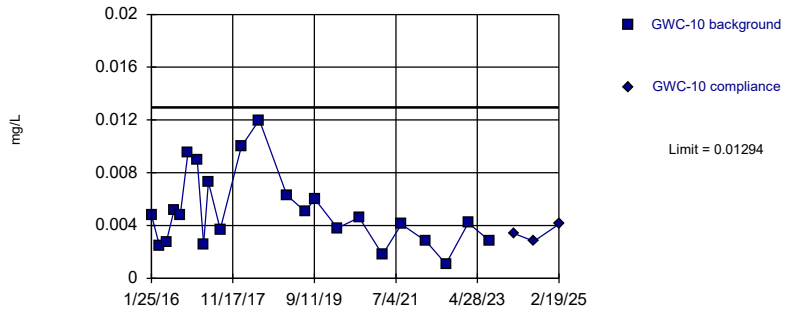
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005075, Std. Dev.=0.002823, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.881. Kappa = 2.787 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

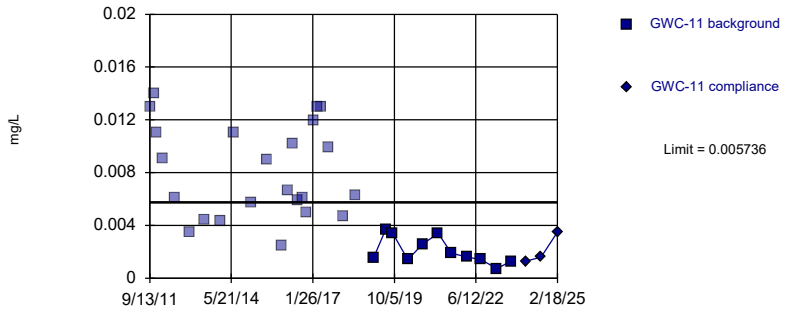
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002085, Std. Dev.=0.001017, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8772, critical = 0.85. Kappa = 3.592 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

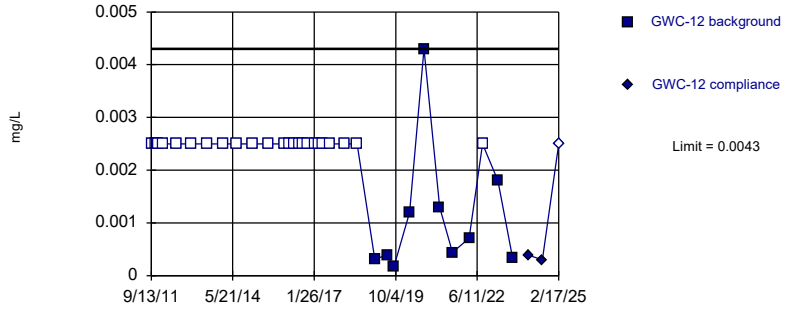
Constituent: Cobalt Analysis Run 4/14/2025 5:07 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 70.59% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

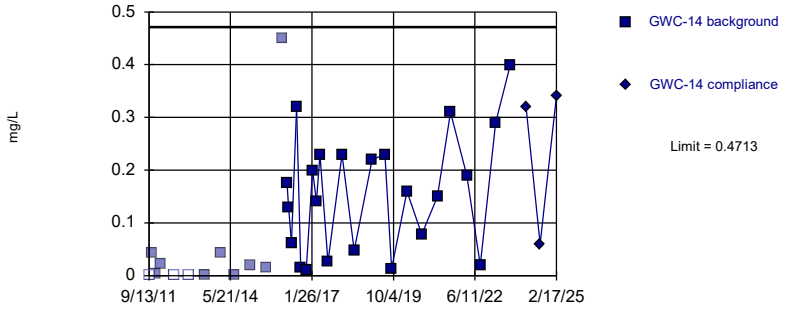
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1585, Std. Dev.=0.1122, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9446, critical = 0.881. Kappa = 2.787 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

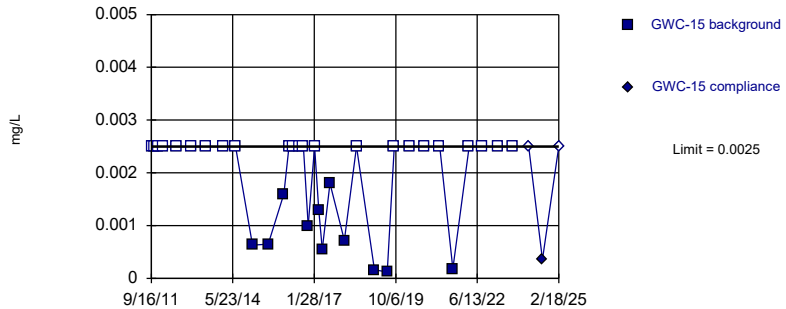
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 67.65% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

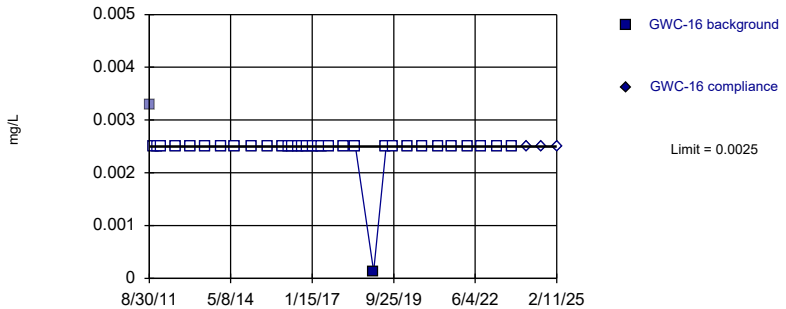
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

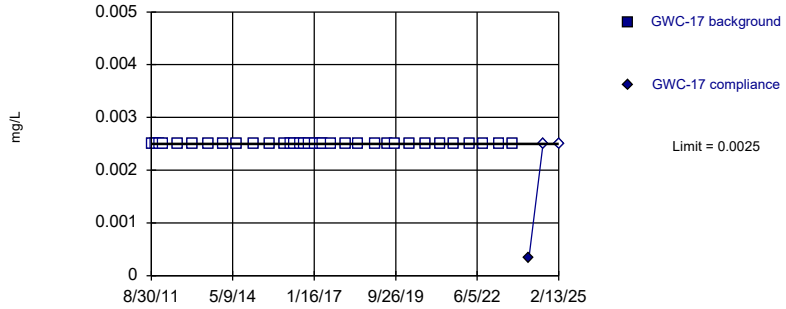
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 34) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

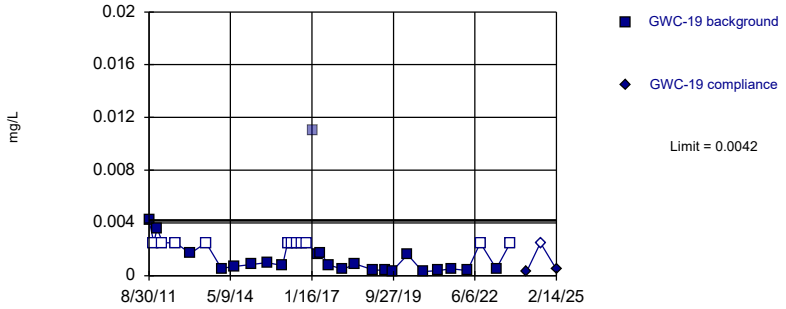
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

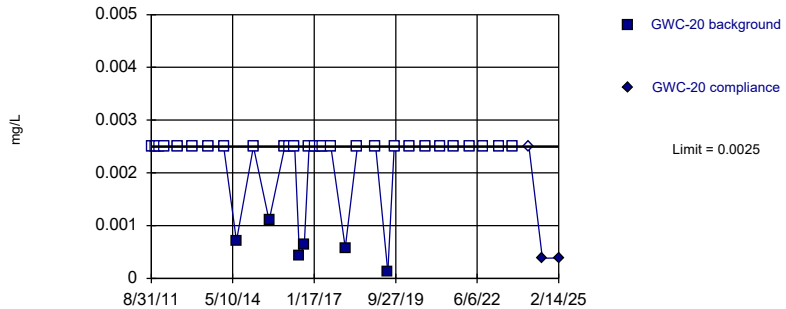
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 82.35% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

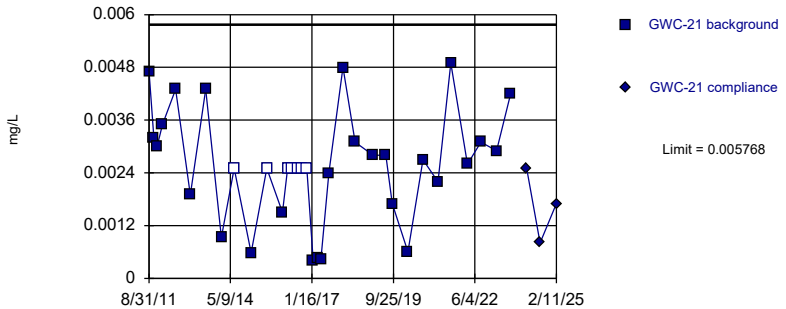
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002142, Std. Dev.=0.001393, n=34, 20.59% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9326, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

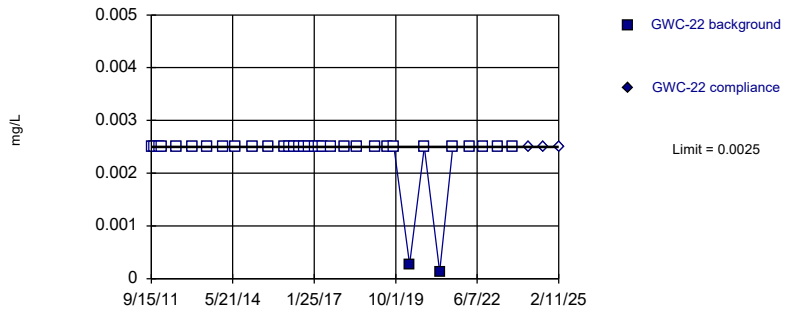
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

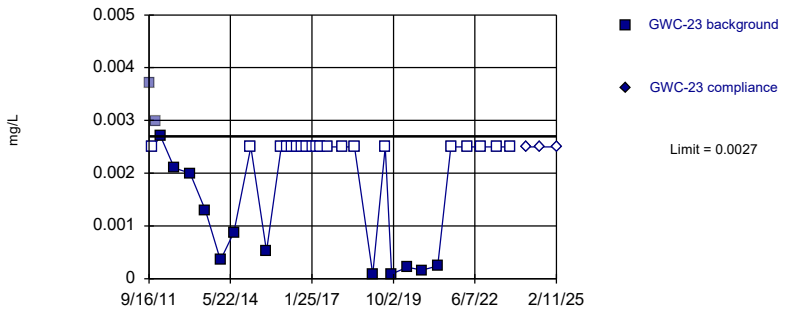
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

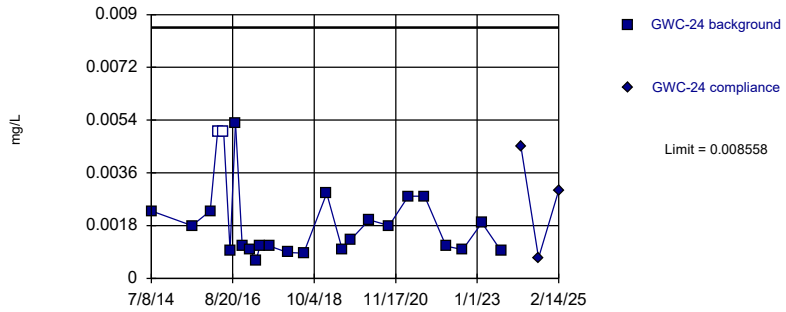
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-6.433, Std. Dev.=0.612, n=25, 8% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.888. Kappa = 2.733 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

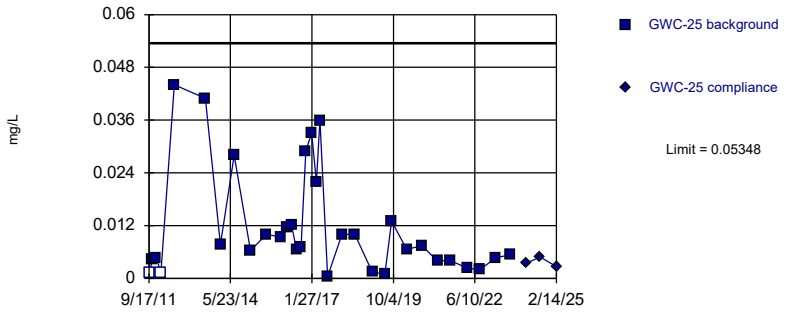
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09557, Std. Dev.=0.0519, n=33, 6.061% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9088, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

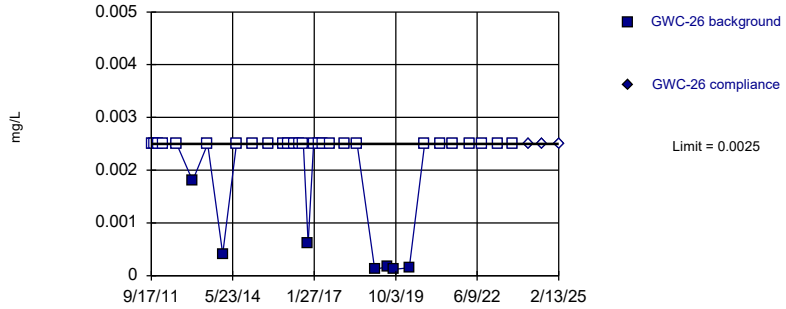
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 79.41% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

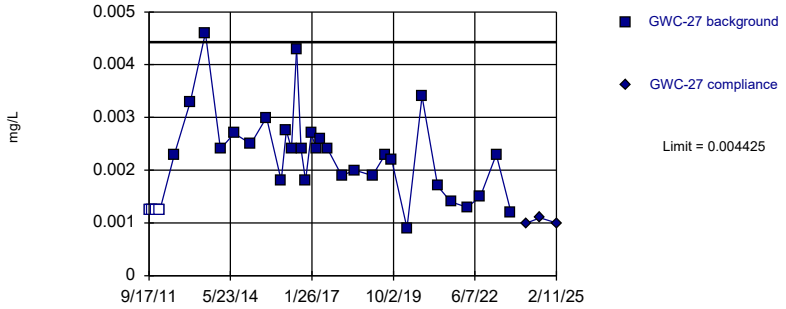
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002216, Std. Dev.=0.0008486, n=34, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.908. Kappa = 2.603 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

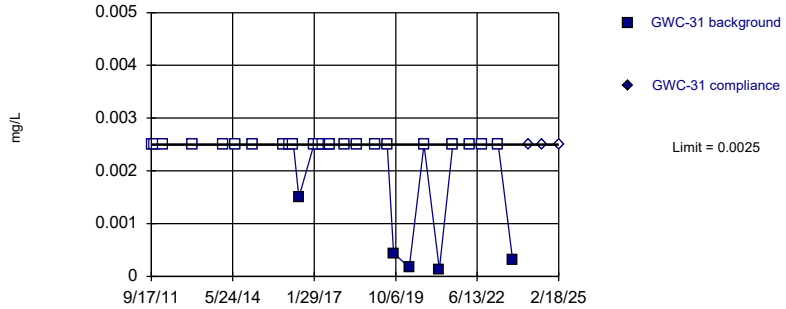
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

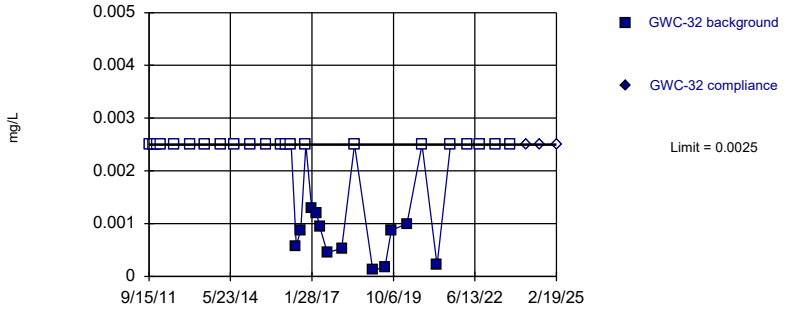
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

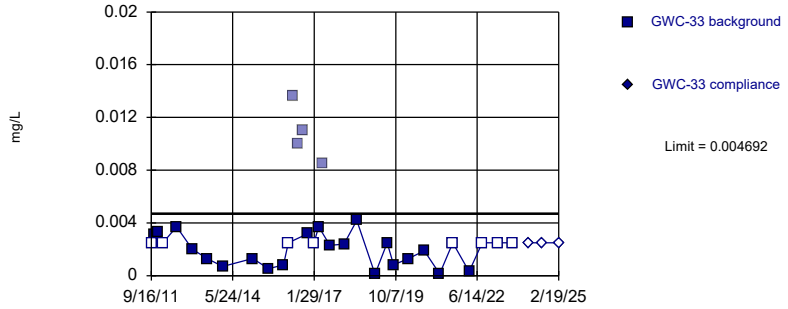
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001515, Std. Dev.=0.001192, n=29, 27.59% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

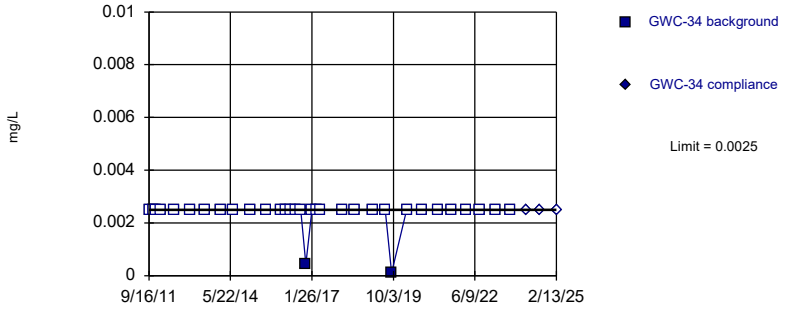
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

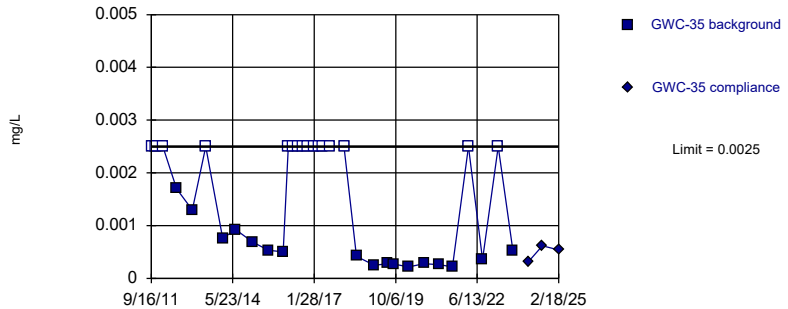
Constituent: Cobalt Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

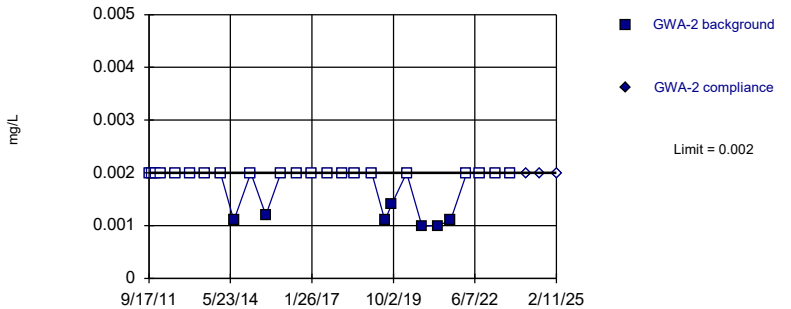
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



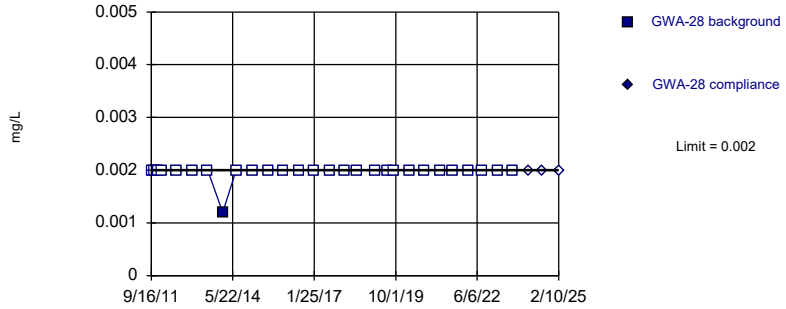
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



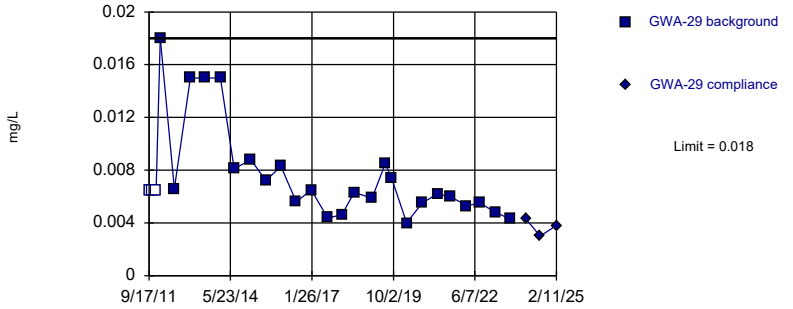
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



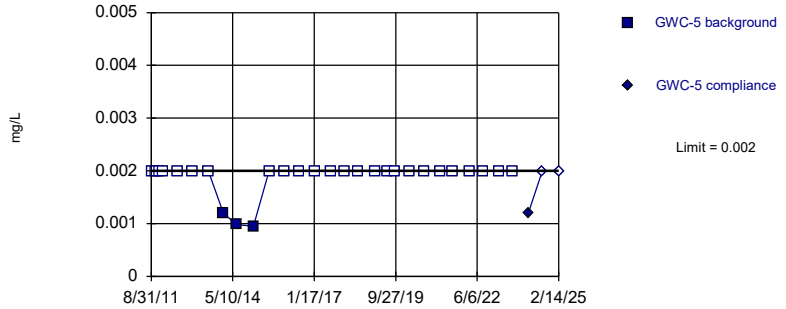
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 10.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



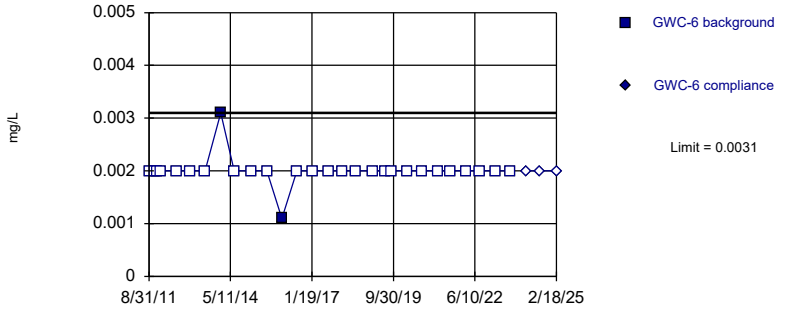
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

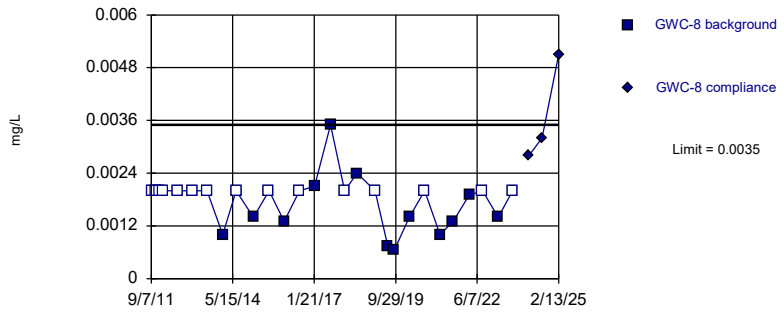
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 53.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

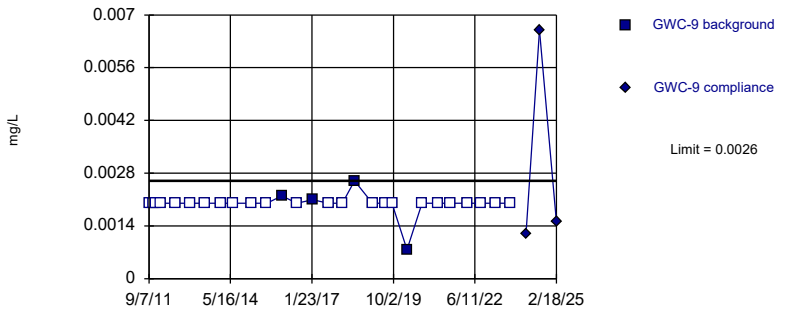
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

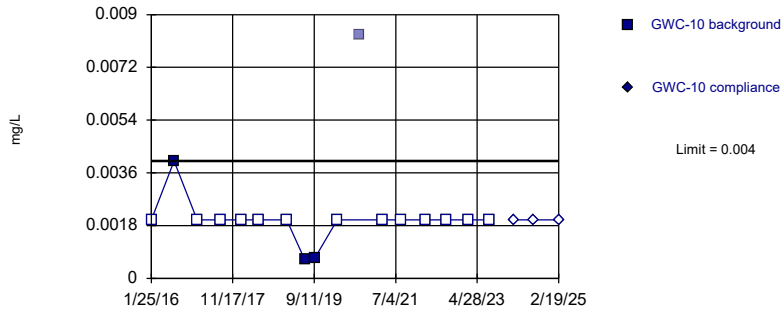
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

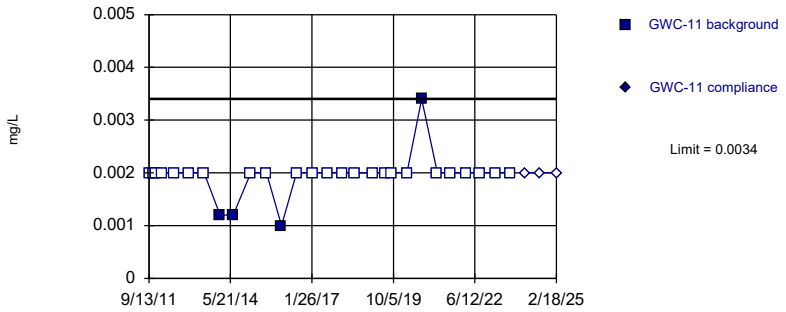
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

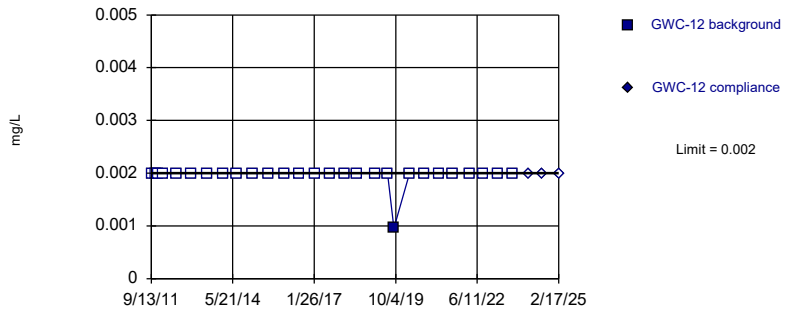
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

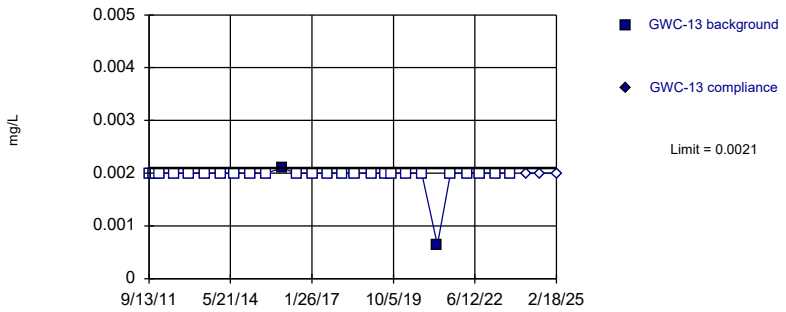
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

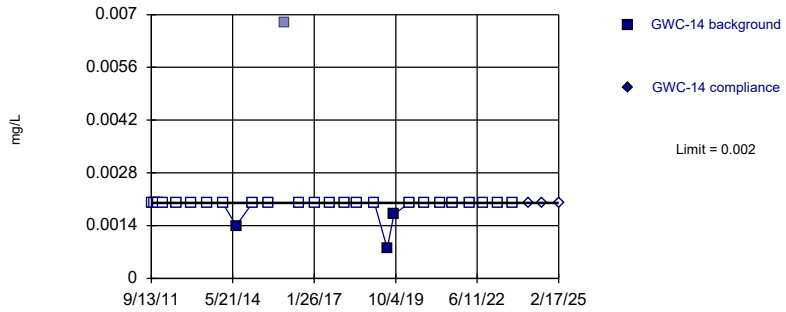
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

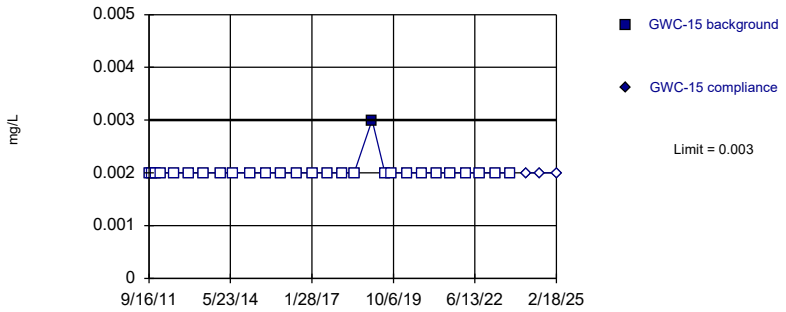
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

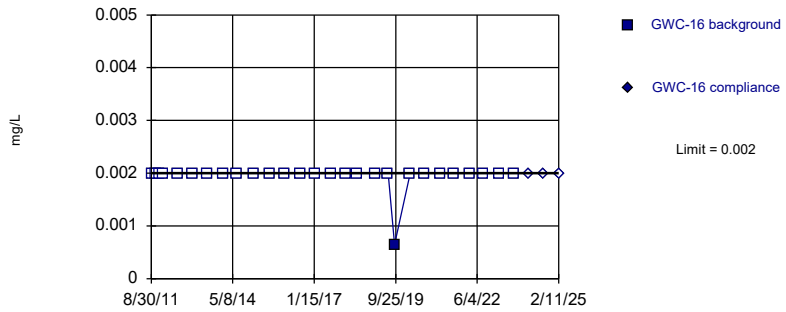
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



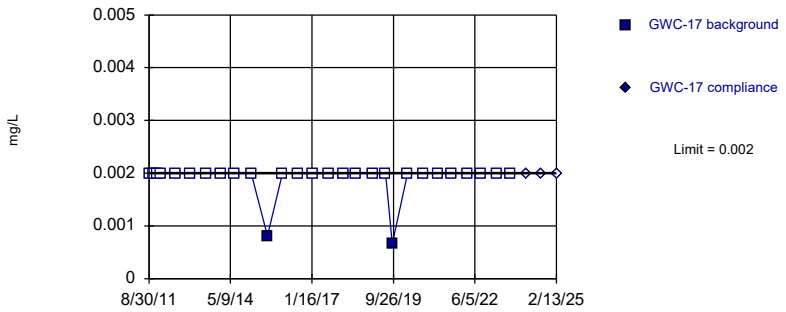
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



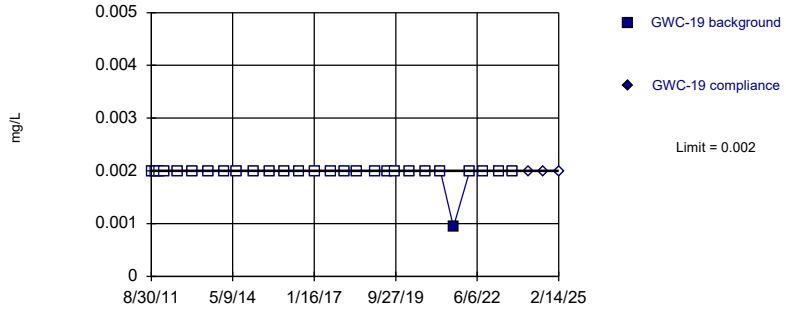
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



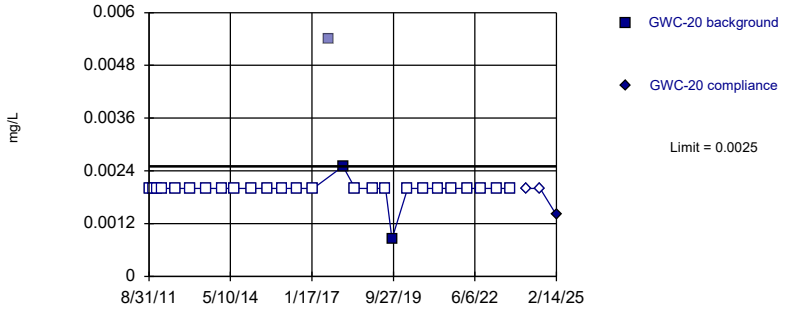
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



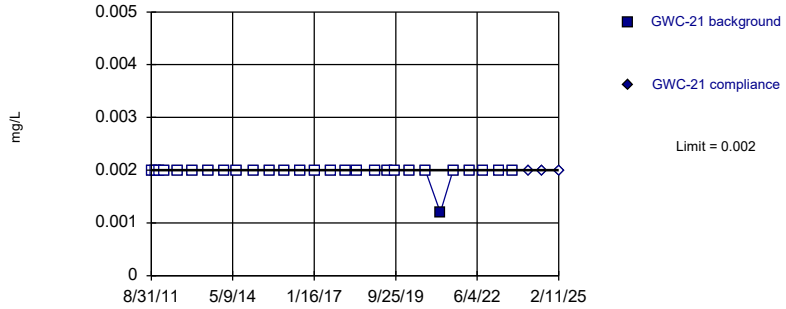
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



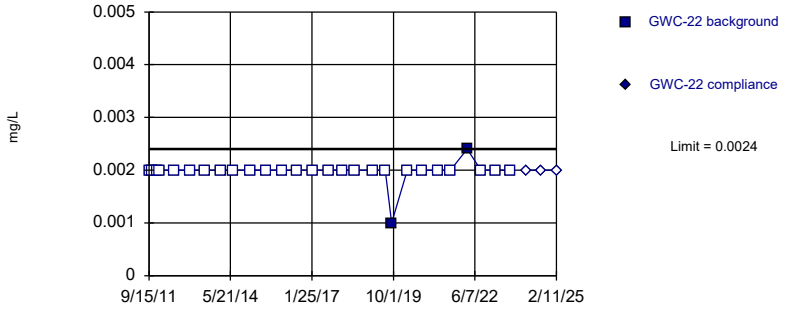
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



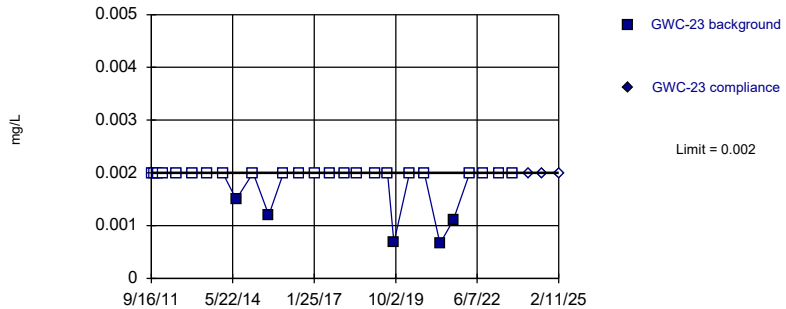
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



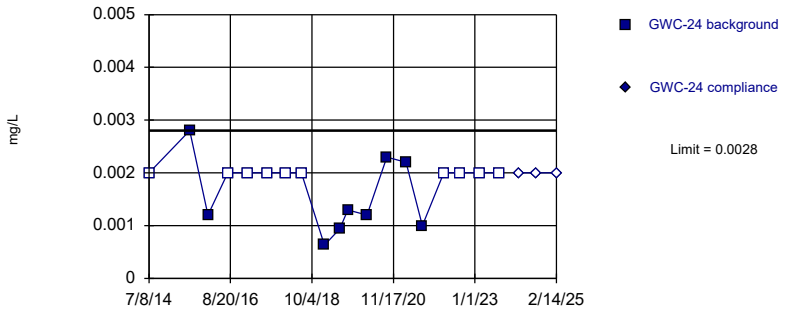
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

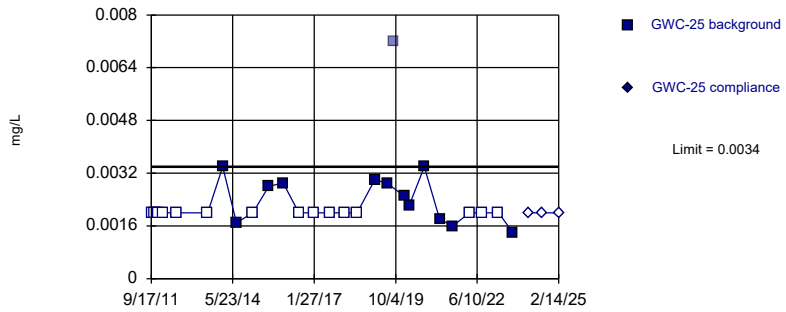
Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

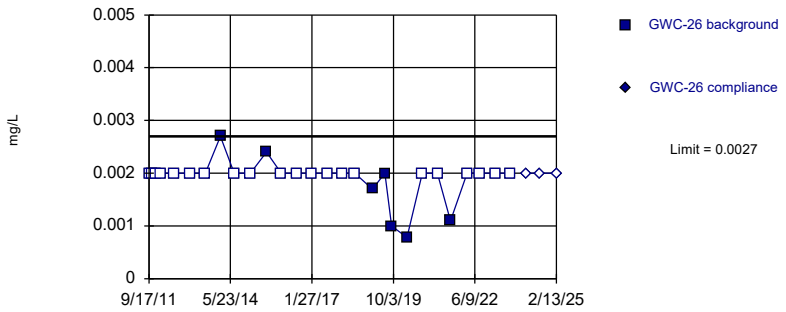
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

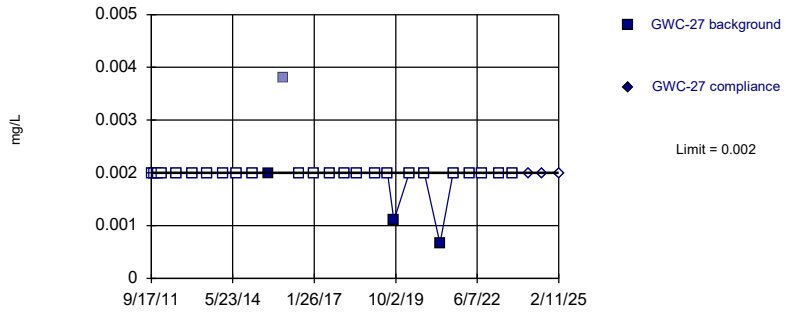
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

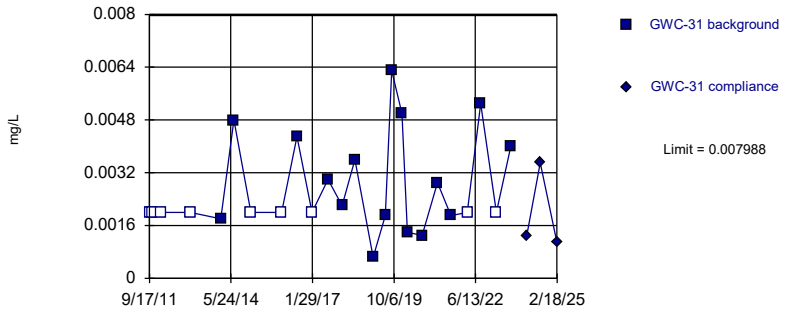
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04747, Std. Dev.=0.01534, n=25, 36% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.888. Kappa = 2.733 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Copper Analysis Run 4/14/2025 5:08 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

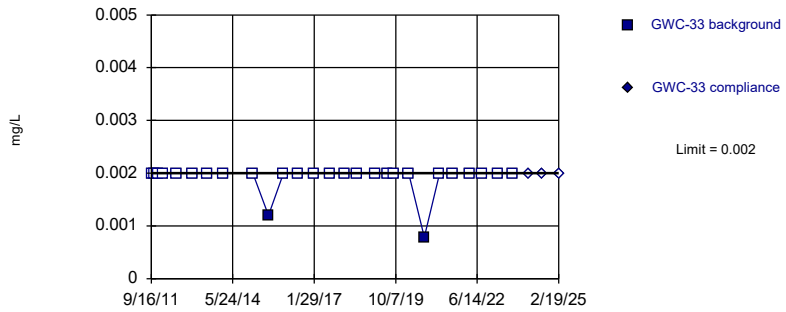
Constituent: Copper Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



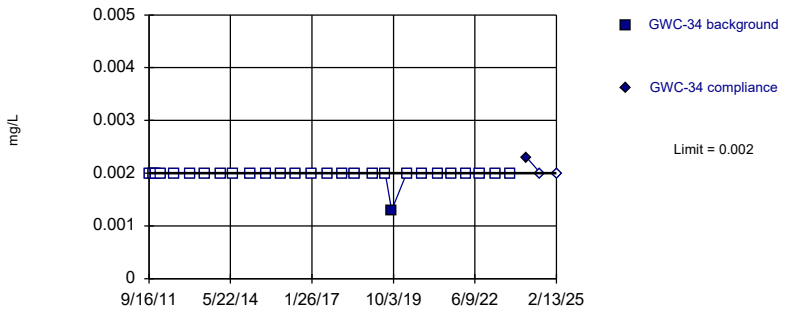
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 92.59% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



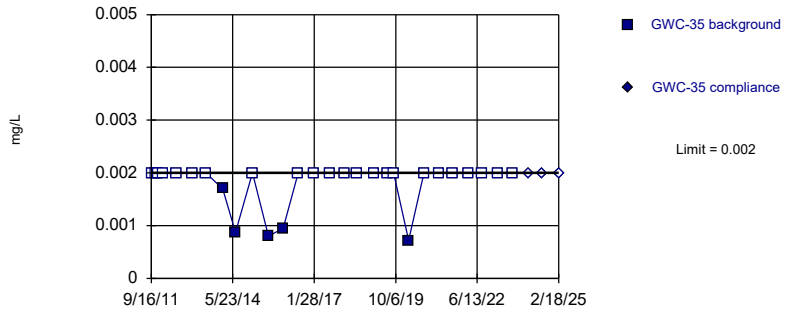
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



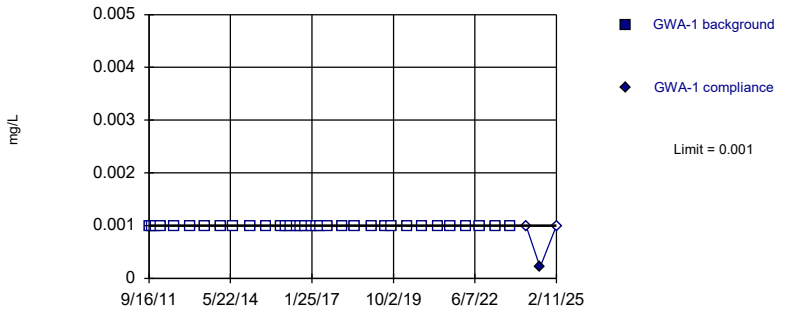
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Copper Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



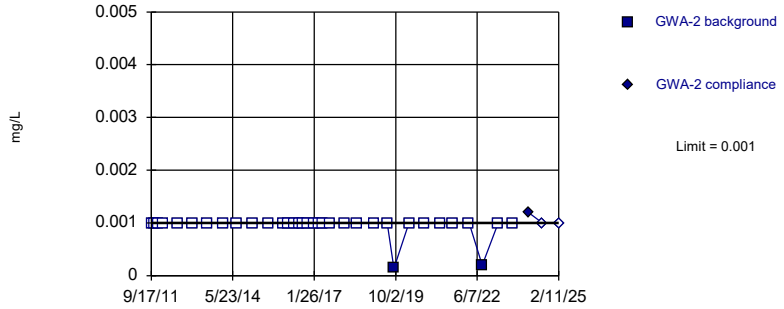
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 34) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



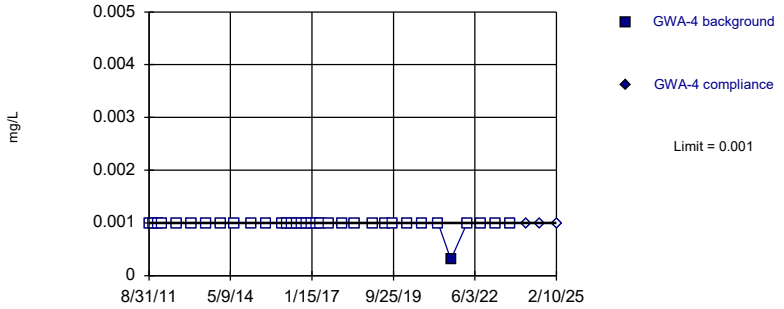
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



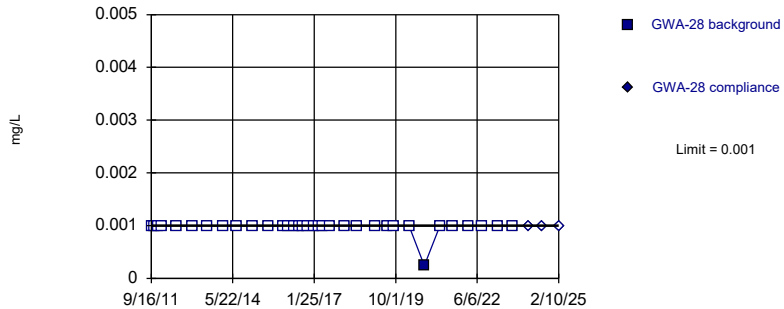
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



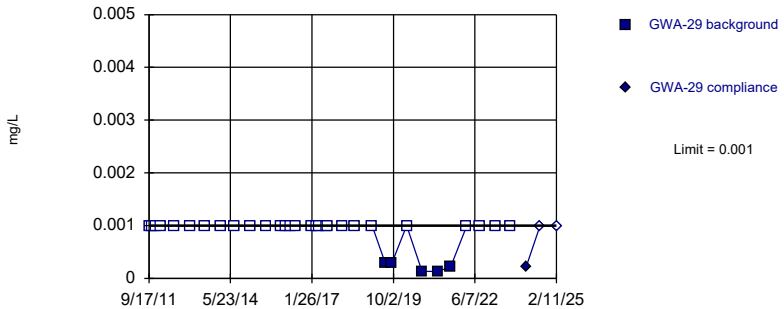
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



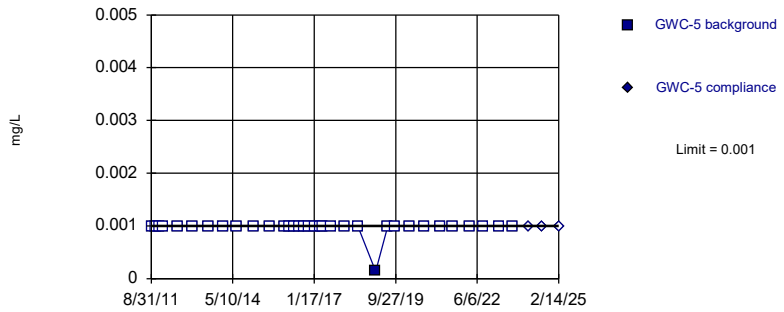
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



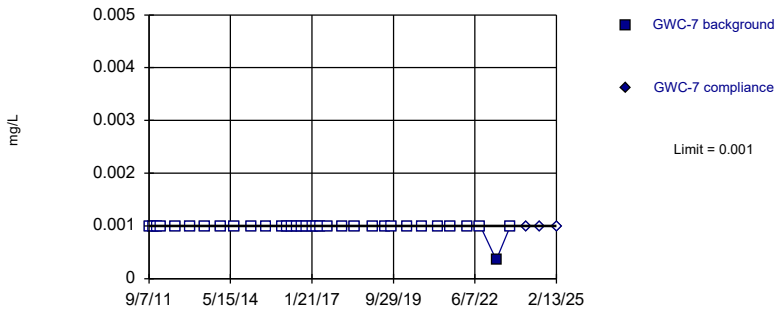
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



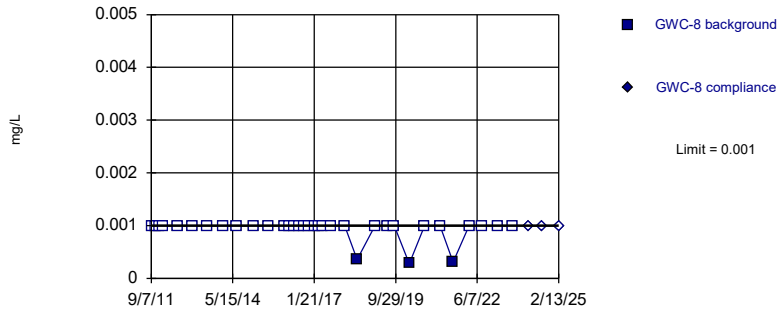
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



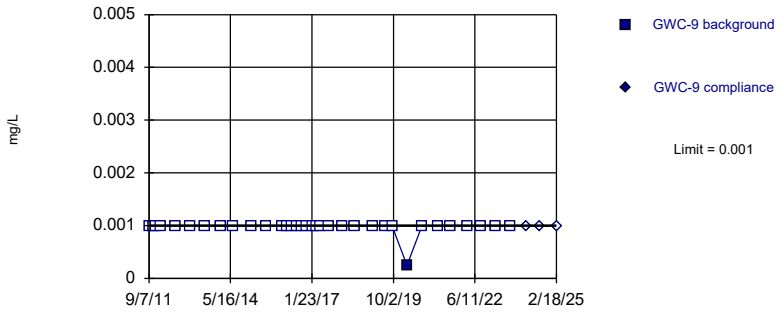
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

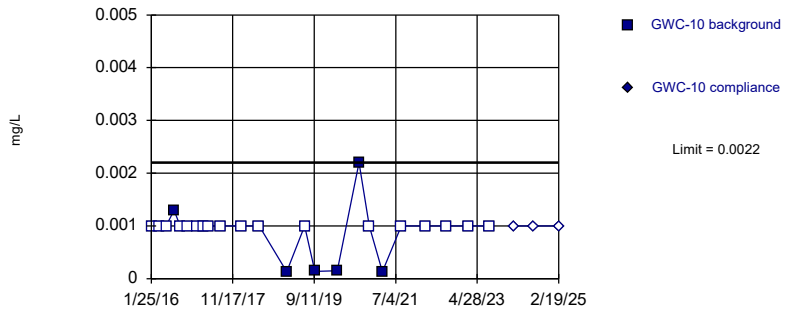
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 75% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

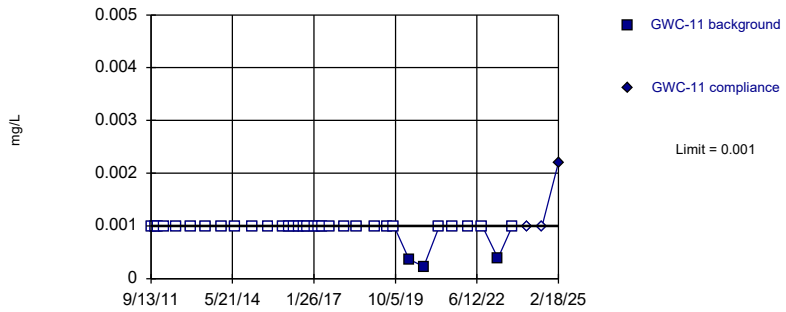
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

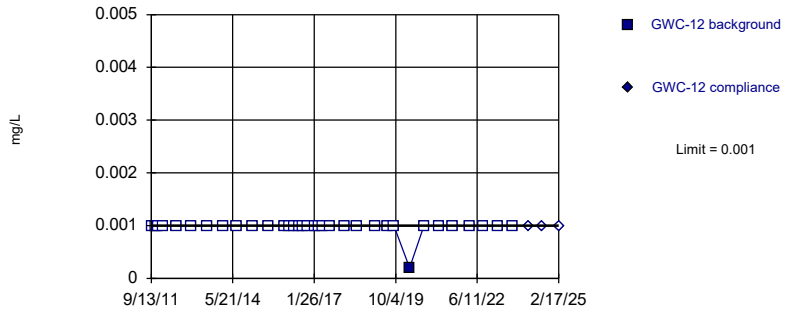
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

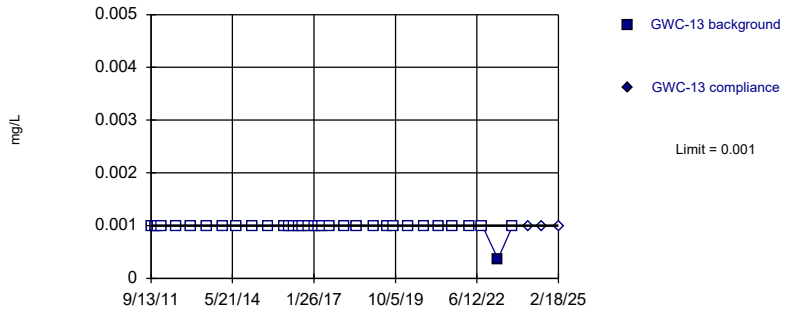
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



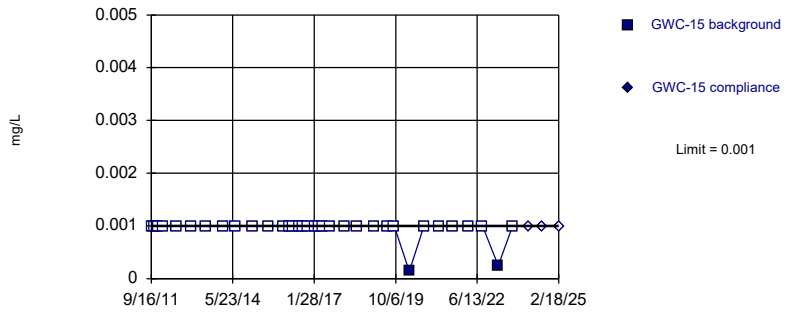
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



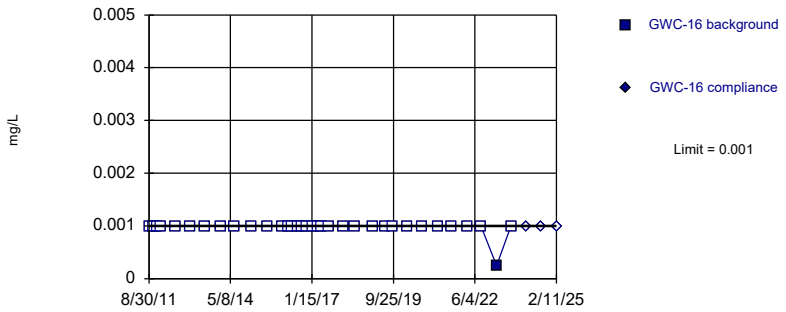
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



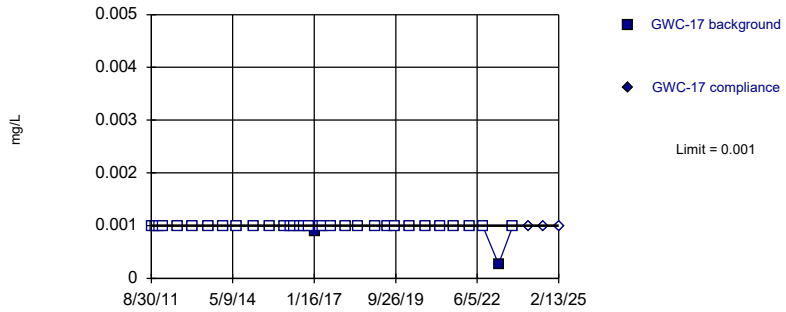
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



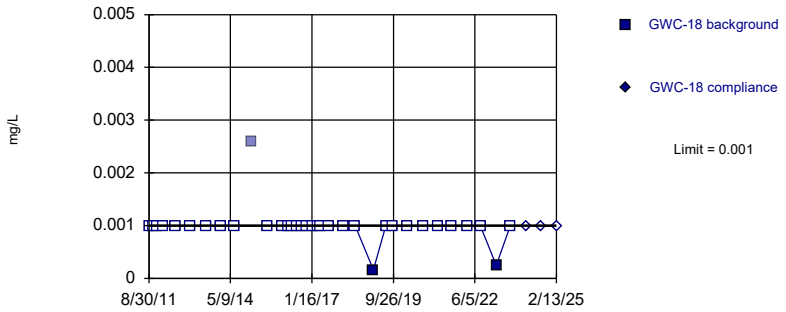
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

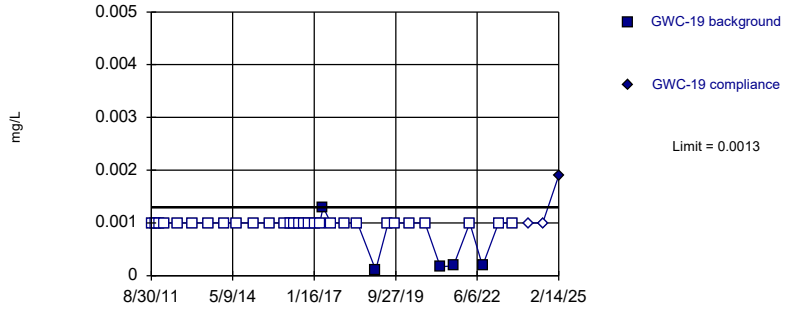
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell

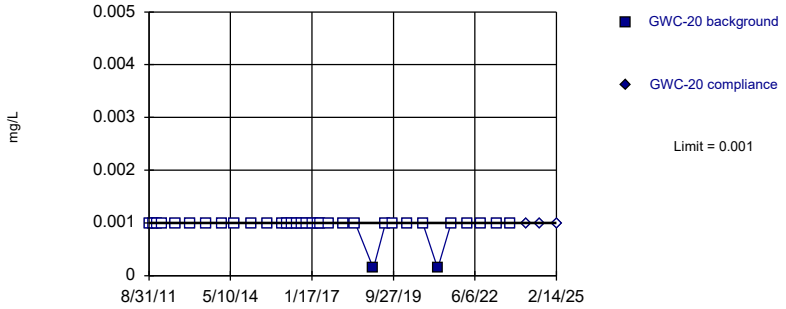
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell

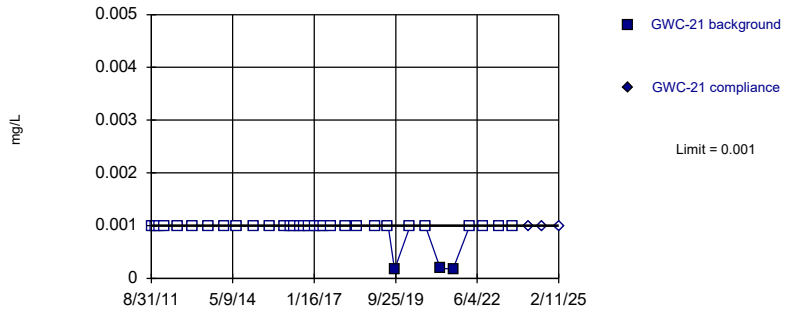
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell

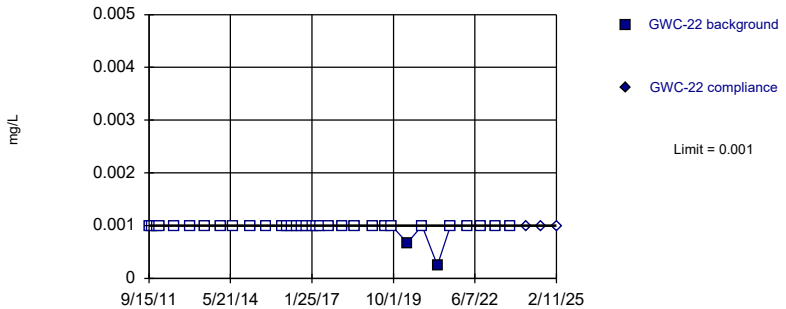
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell

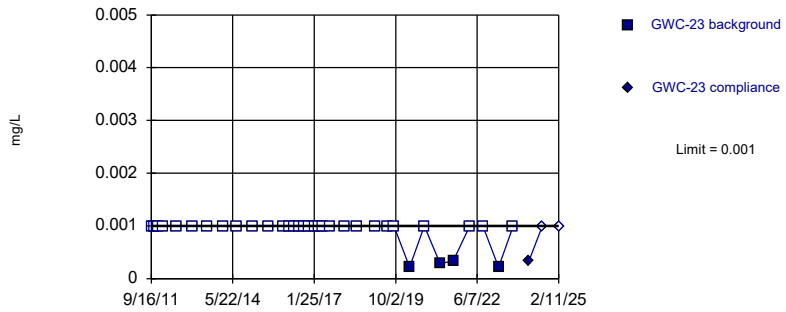
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

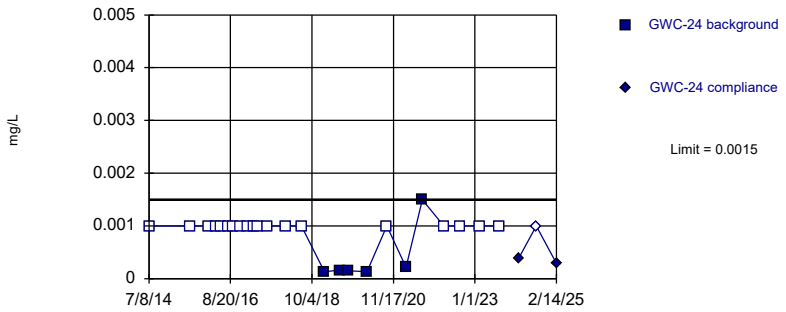
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

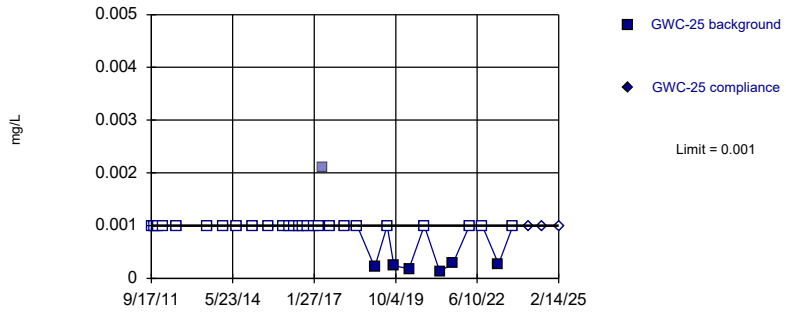
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

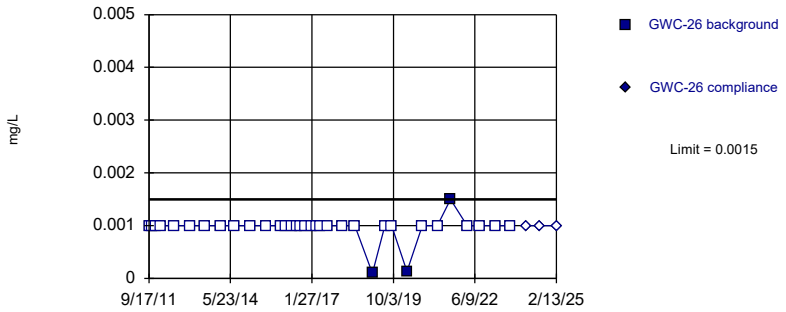
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

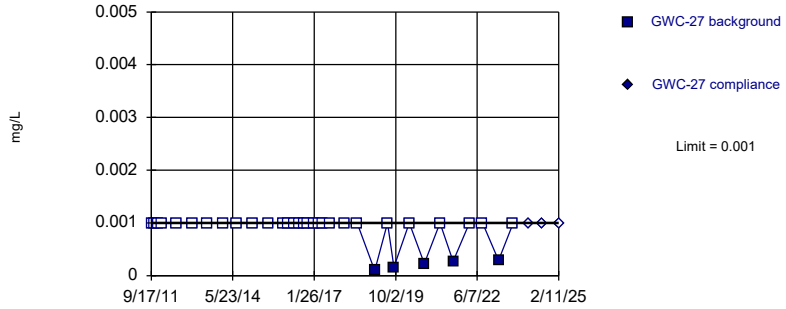
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

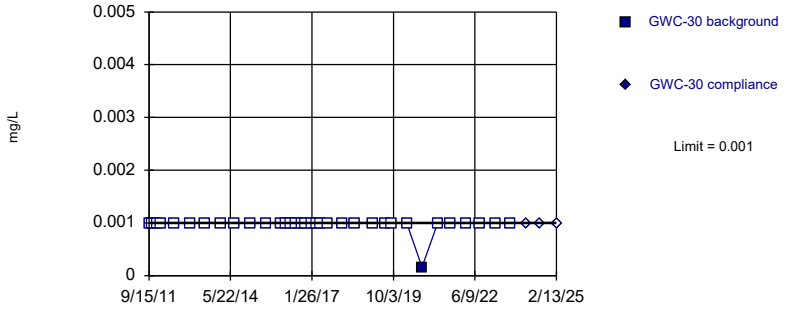
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

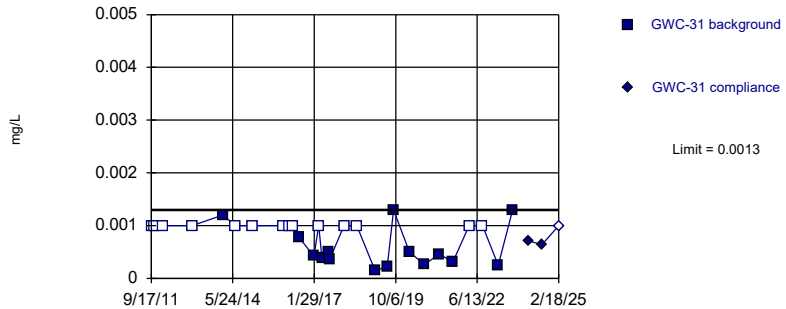
Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 48.28% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

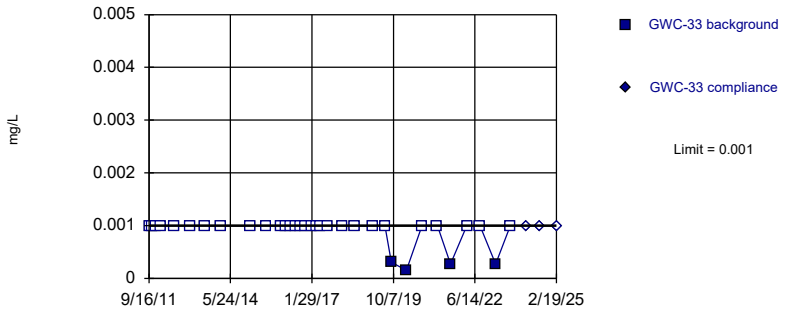
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



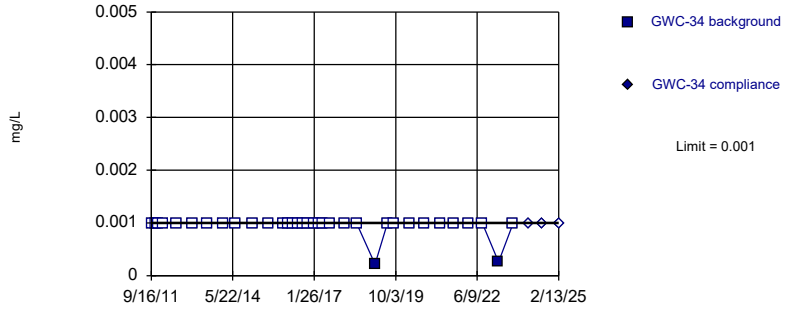
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



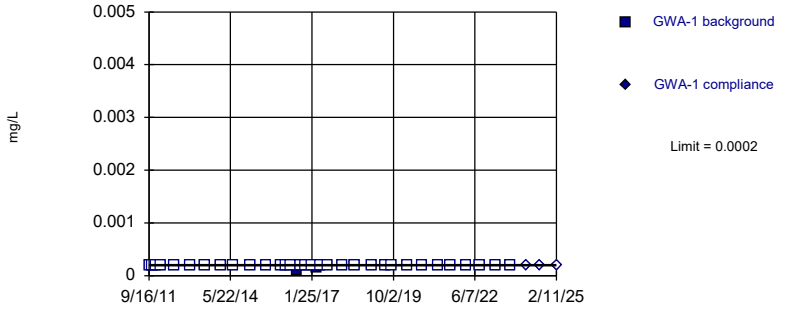
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



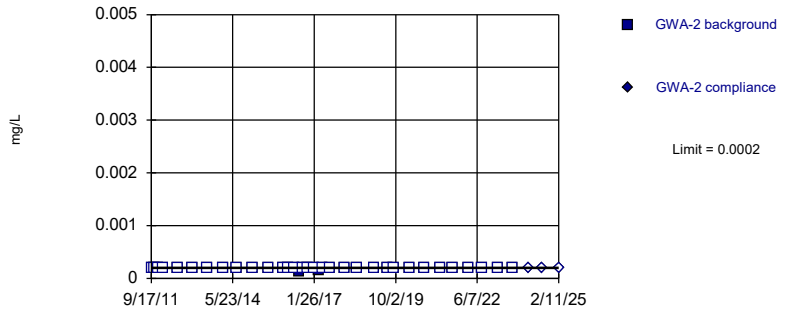
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



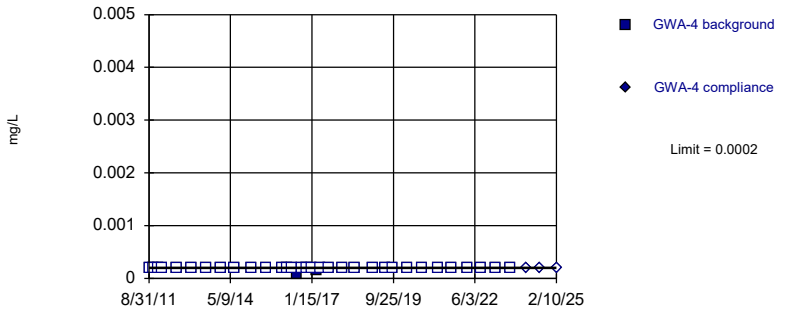
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



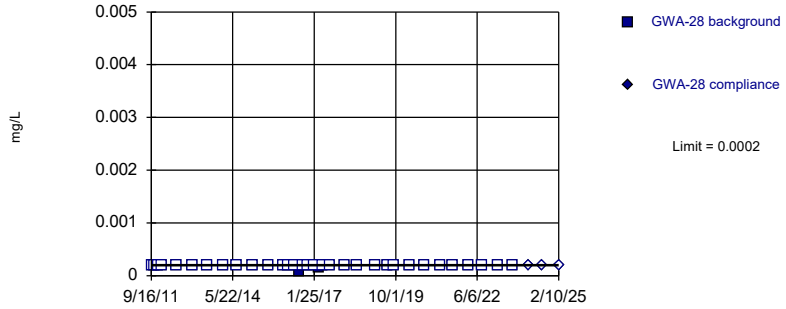
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



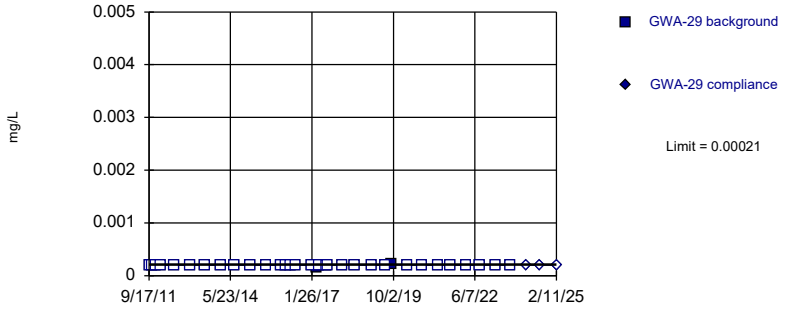
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Within Limit

Prediction Limit

Intrawell Non-parametric



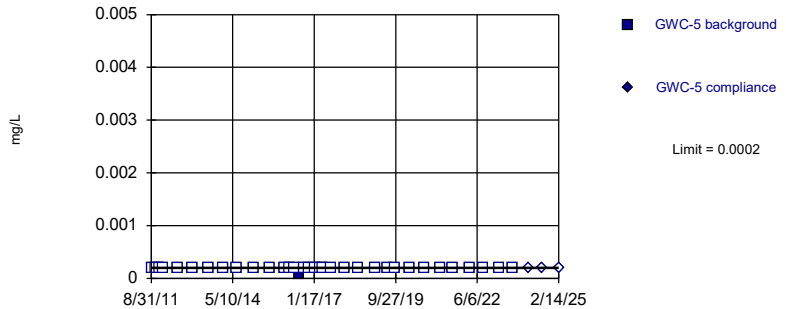
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

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Within Limit

Prediction Limit

Intrawell Non-parametric



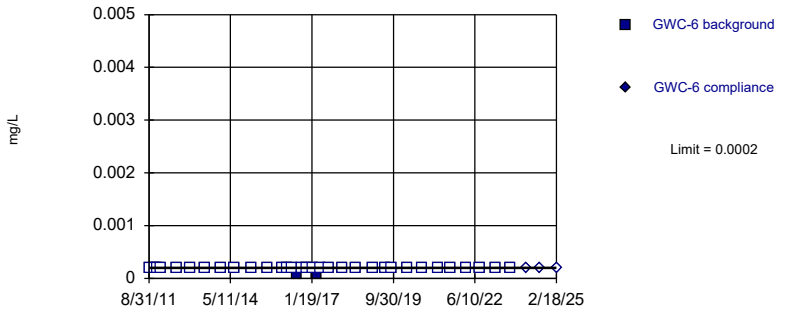
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:09 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

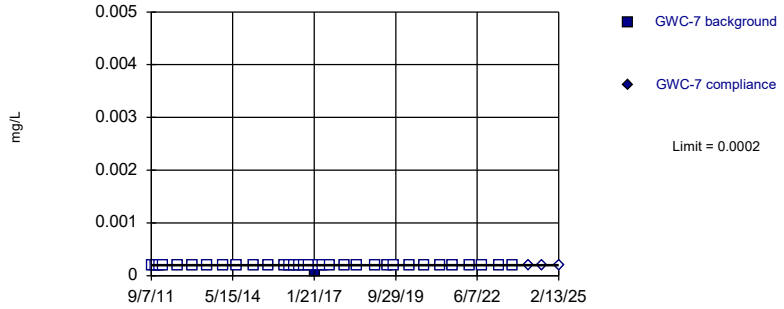
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Within Limit

Prediction Limit

Intrawell Non-parametric



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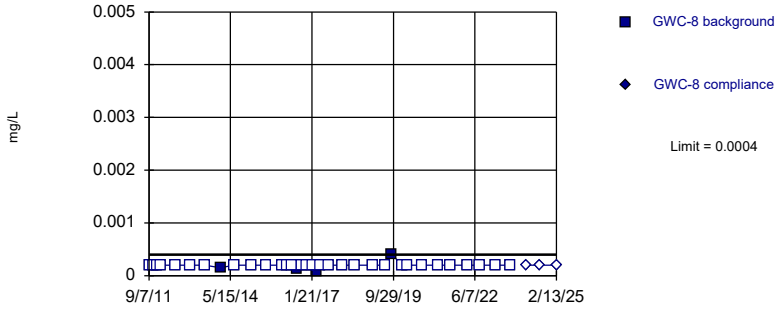
Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 88.57% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

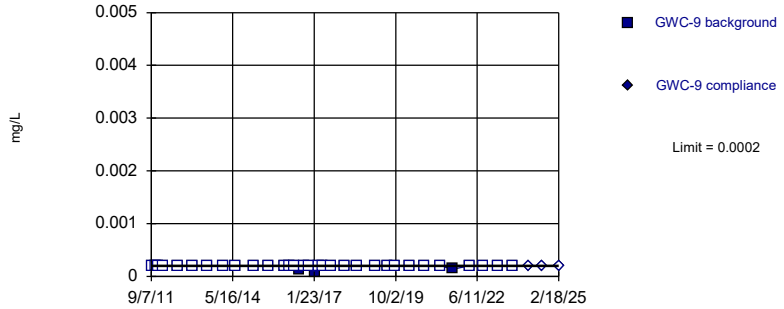
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

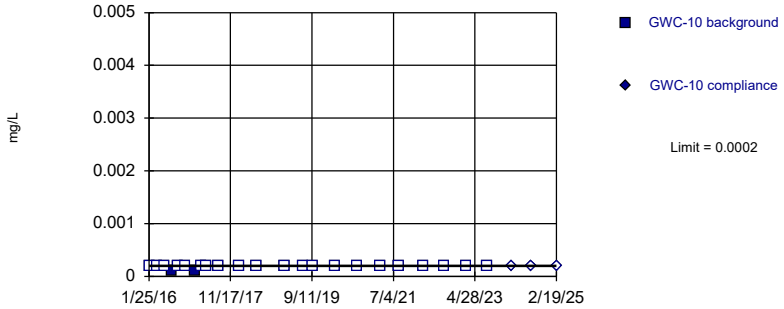
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

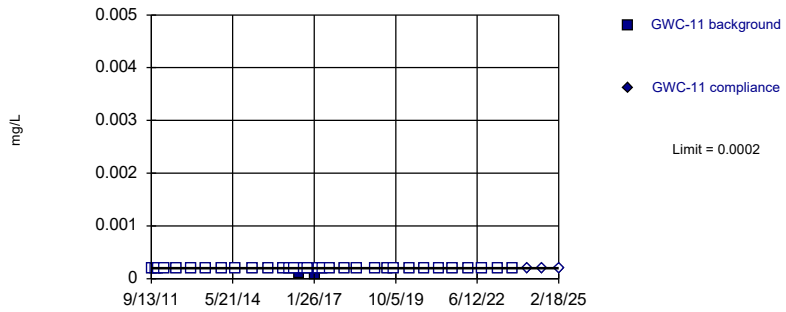
Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

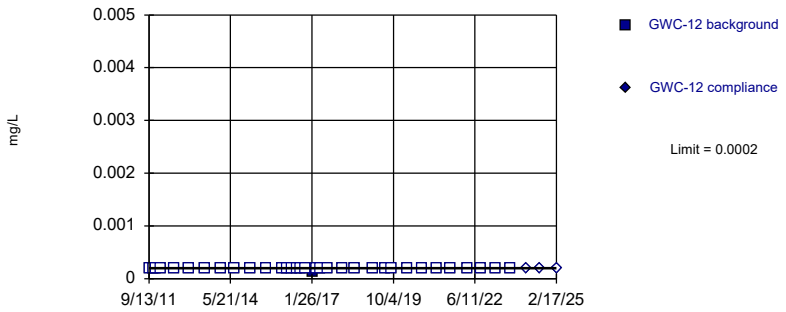
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

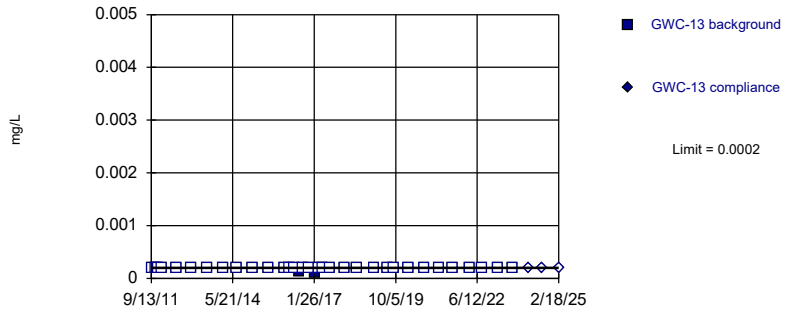
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

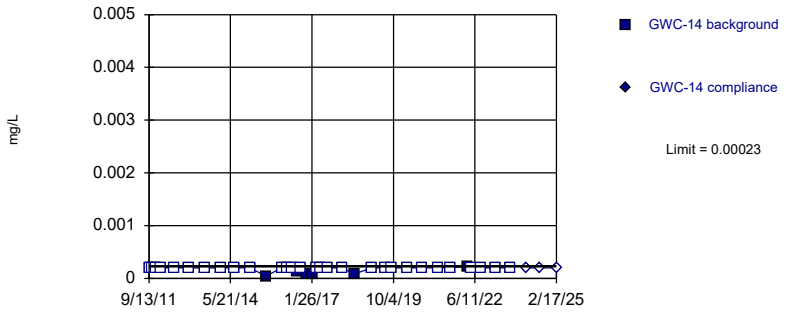
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 82.86% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

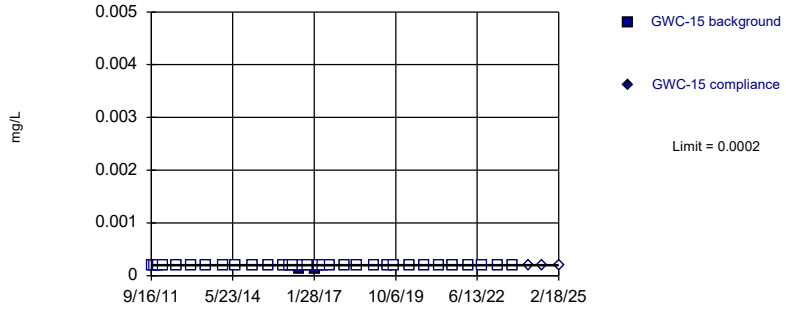
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Within Limit

Prediction Limit

Intrawell Non-parametric



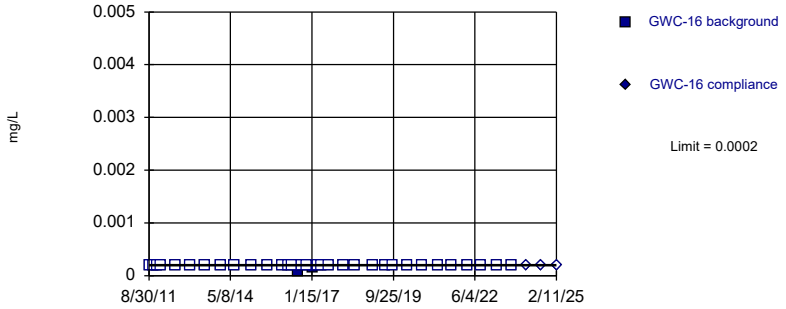
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Intrawell Non-parametric



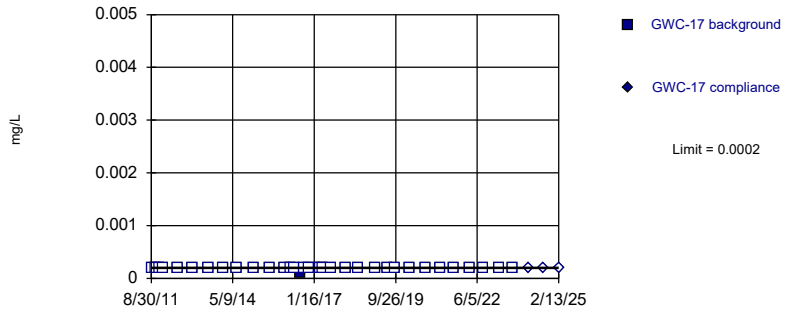
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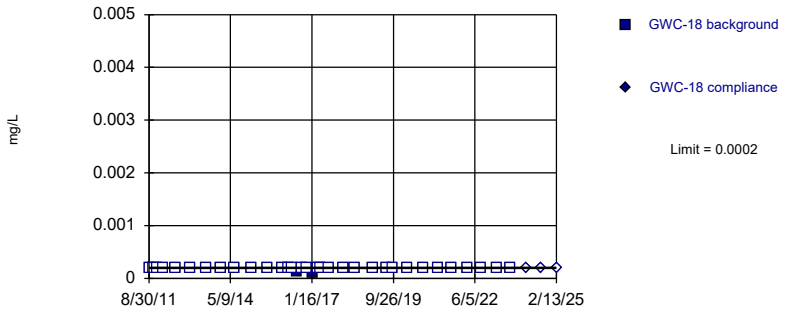
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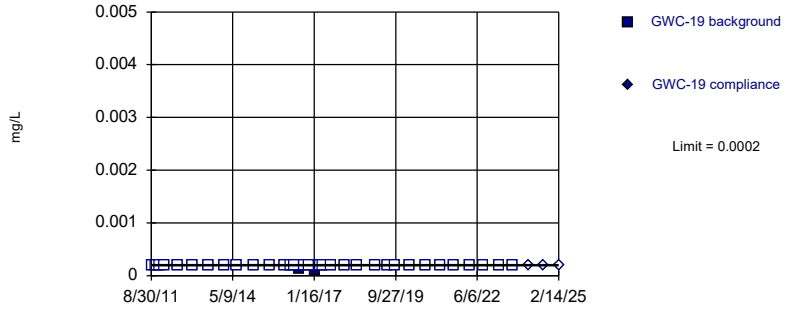
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Within Limit

Prediction Limit

Intrawell Non-parametric



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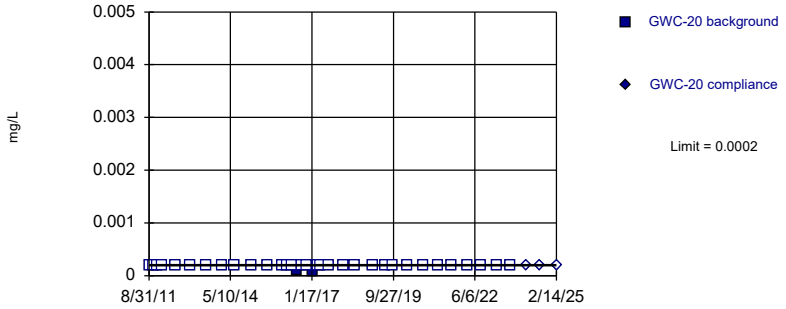
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Within Limit

Prediction Limit

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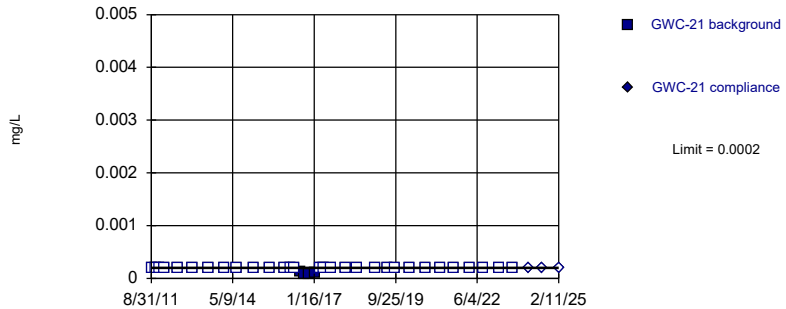
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

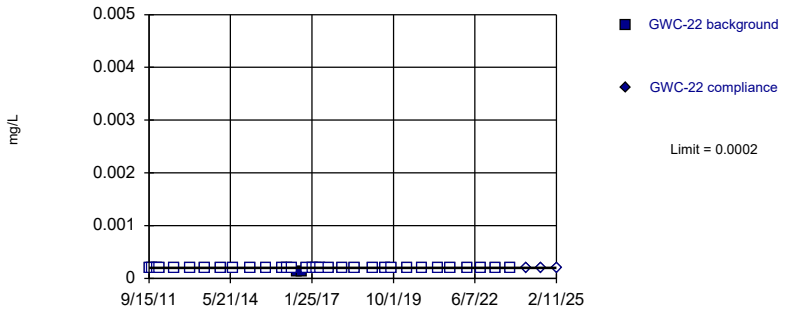
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Within Limit

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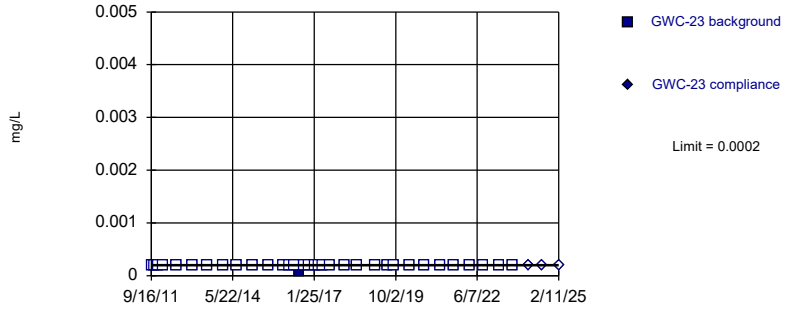
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

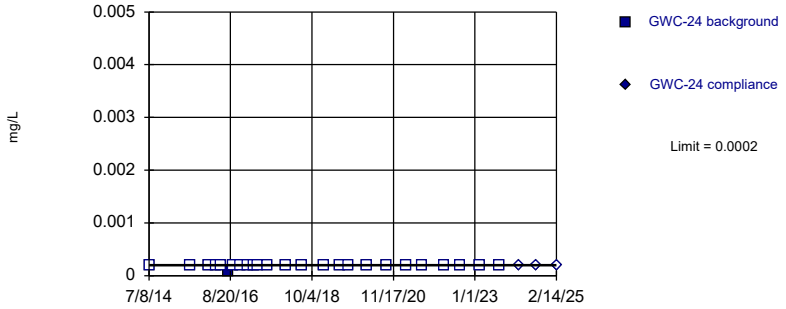
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

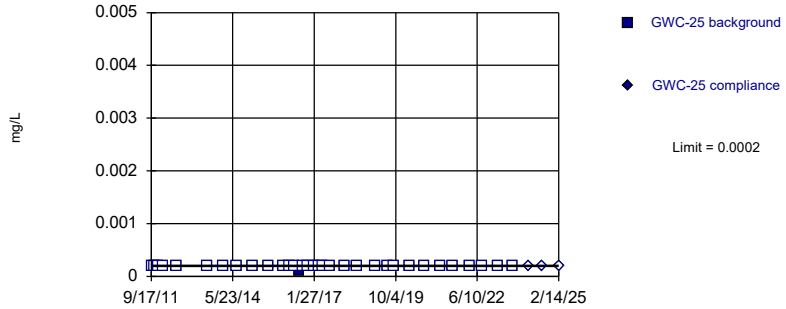
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

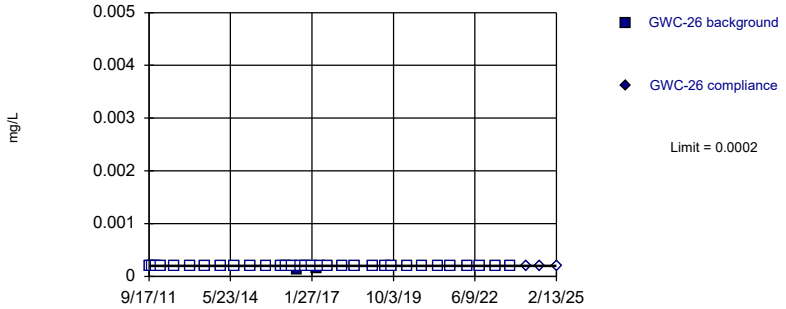
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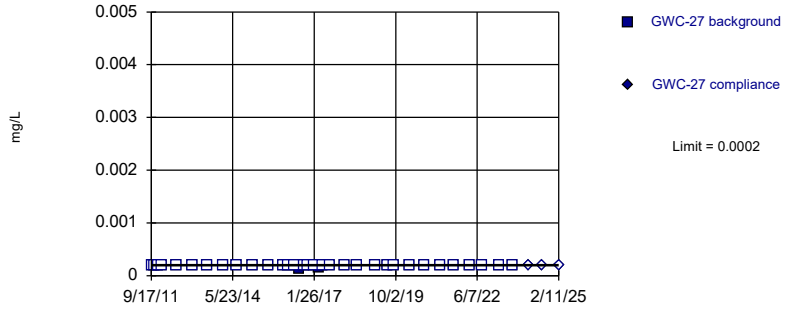
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Within Limit

Prediction Limit

Intrawell Non-parametric



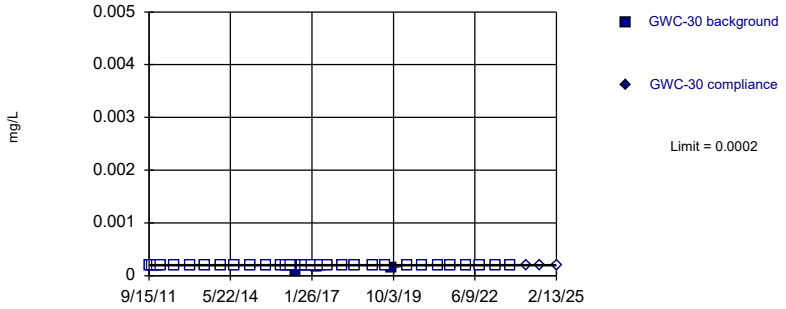
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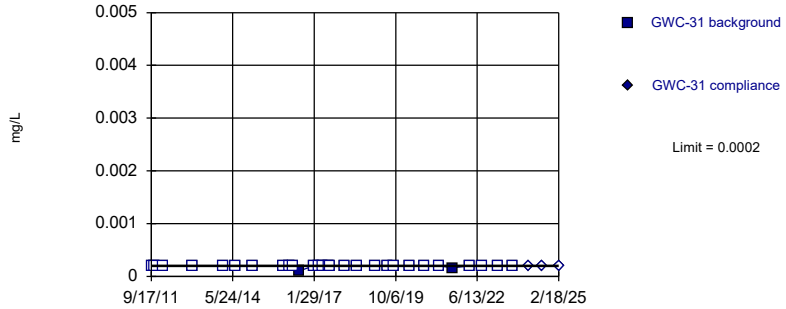
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Within Limit

Prediction Limit

Intrawell Non-parametric



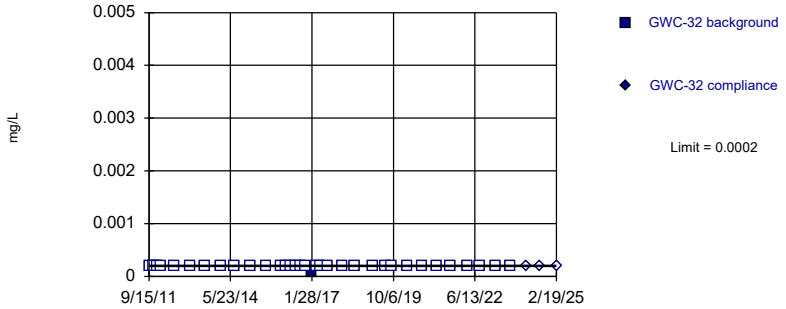
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



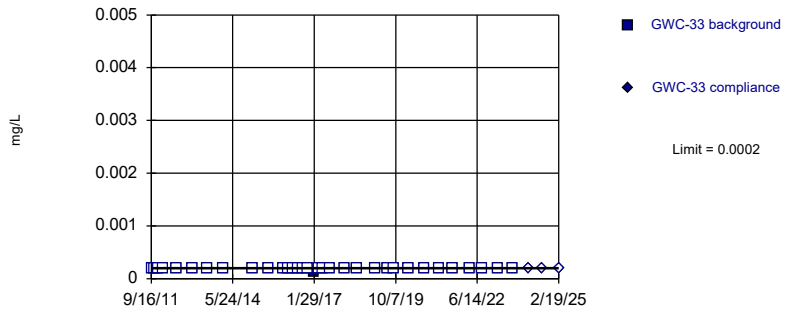
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



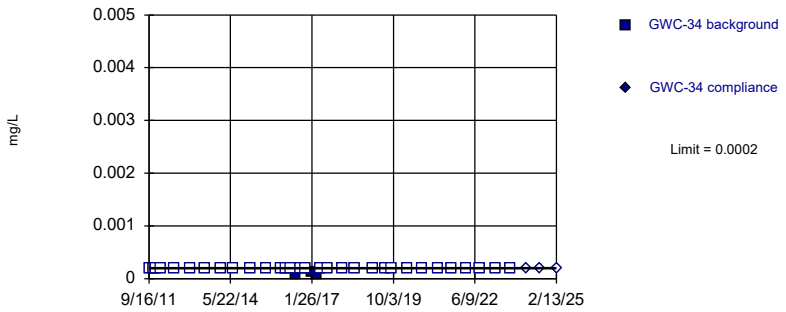
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



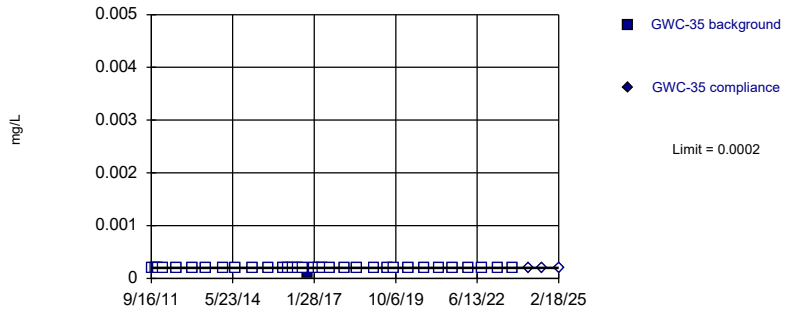
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



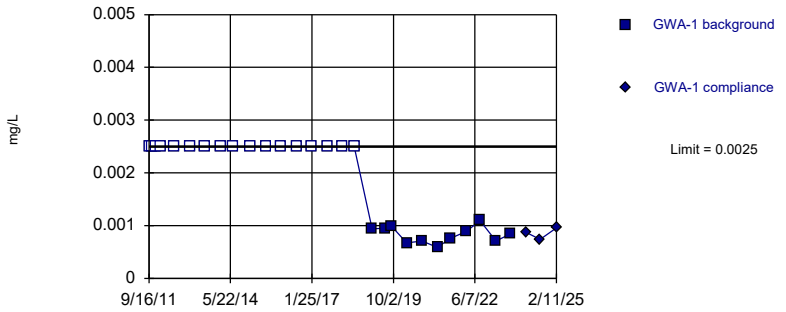
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Mercury Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

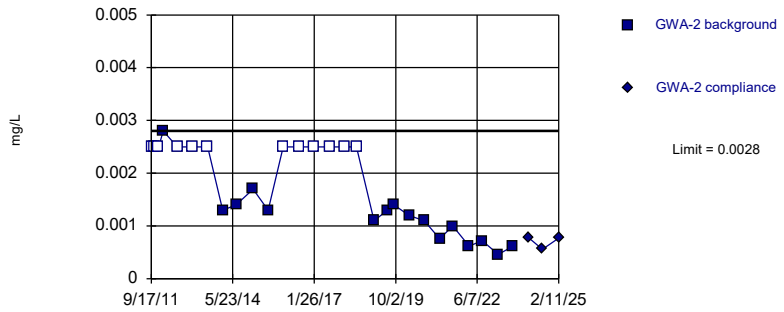
Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

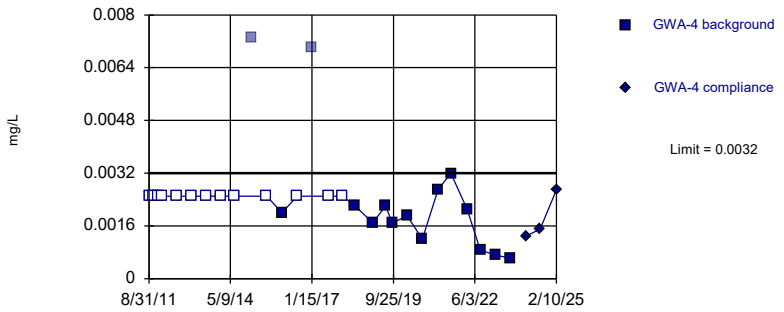
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 26 background values. 50% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

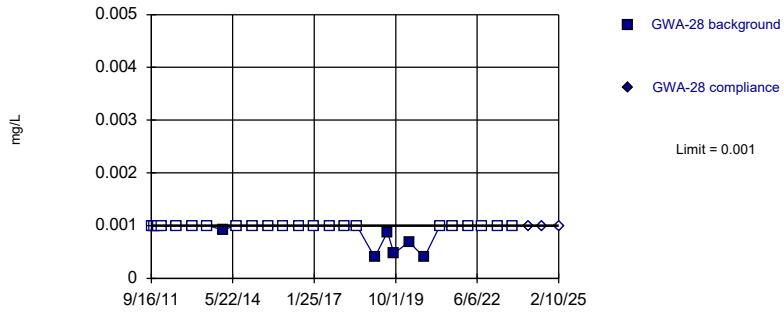
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

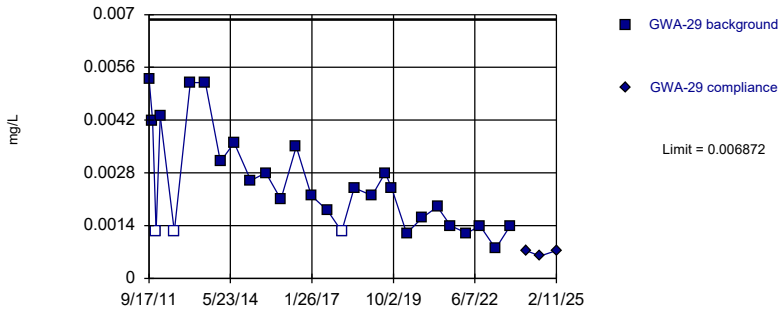
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.04851, Std. Dev.=0.01282, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

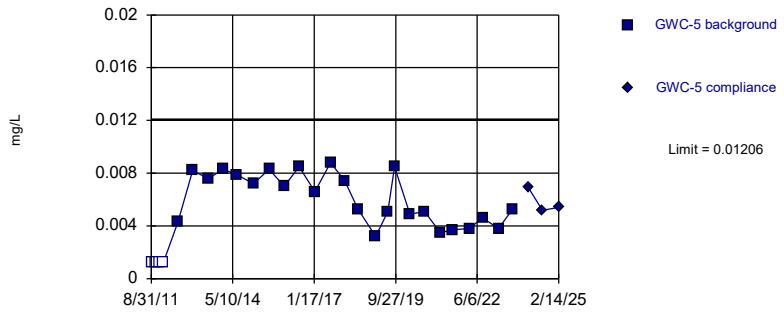
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005425, Std. Dev.=0.002475, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9126, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

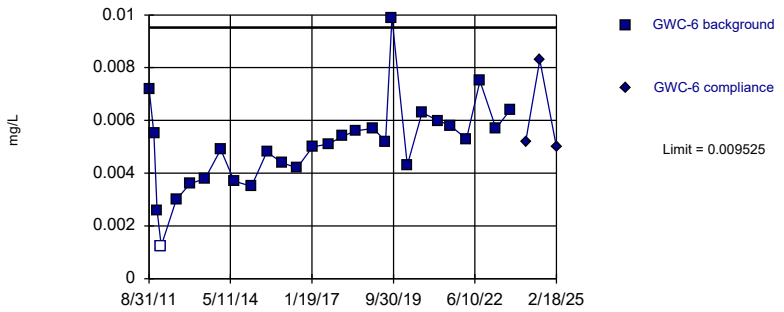
Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005059, Std. Dev.=0.001665, n=28, 3.571% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9662, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

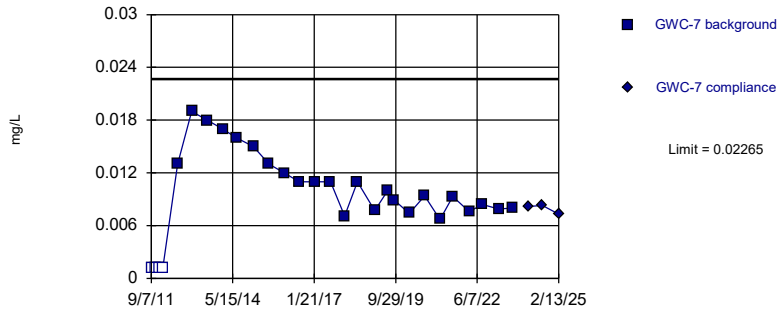
Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009657, Std. Dev.=0.004846, n=28, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

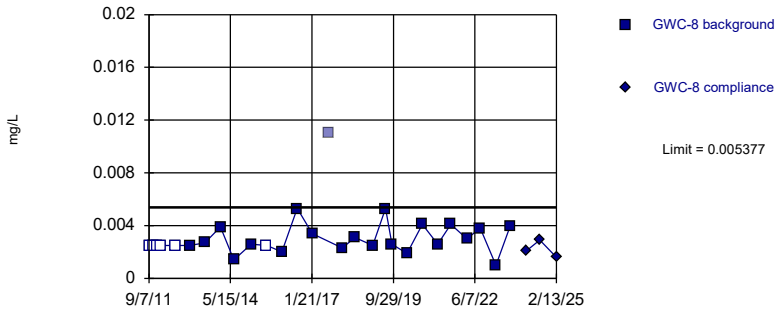
Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002493, Std. Dev.=0.001069, n=27, 22.22% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9085, critical = 0.894. Kappa = 2.699 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

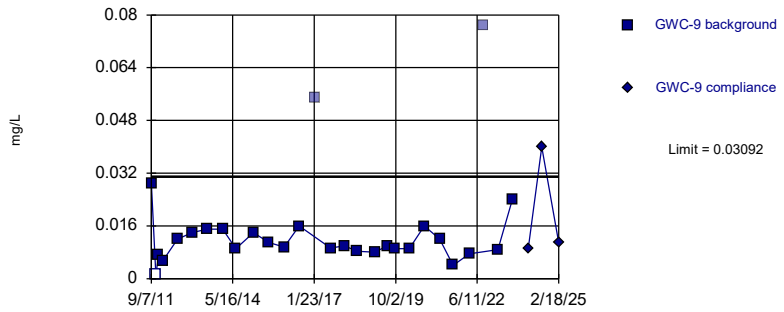
Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1032, Std. Dev.=0.02676, n=26, 3.846% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9491, critical = 0.891. Kappa = 2.716 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

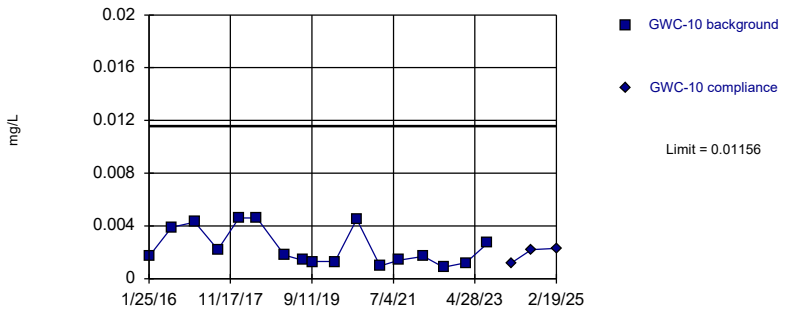
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-6.202, Std. Dev.=0.5788, n=17. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8958, critical = 0.892. Kappa = 3.009 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

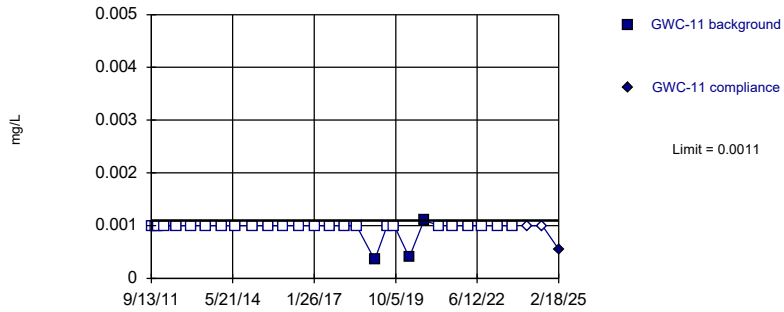
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

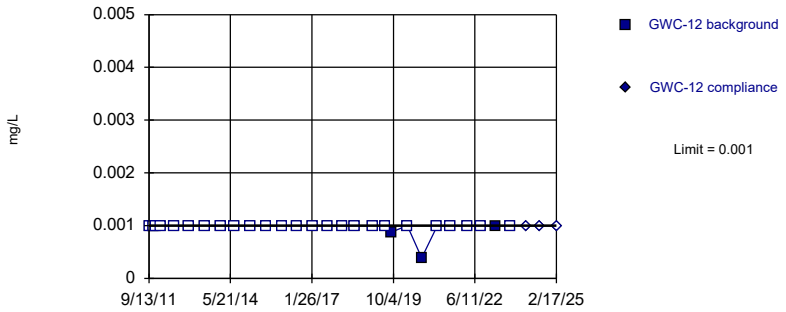
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

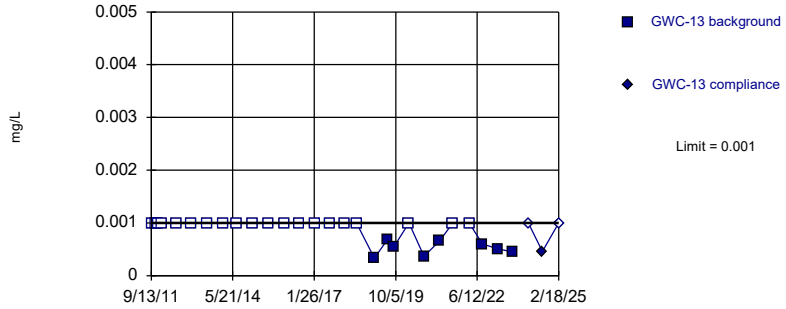
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

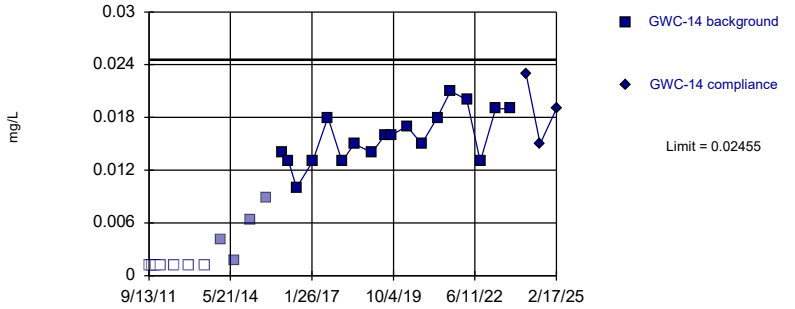
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01578, Std. Dev.=0.002962, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.964, critical = 0.897. Kappa = 2.963 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/14/2025 5:10 PM View: Appendix I - Intrawell

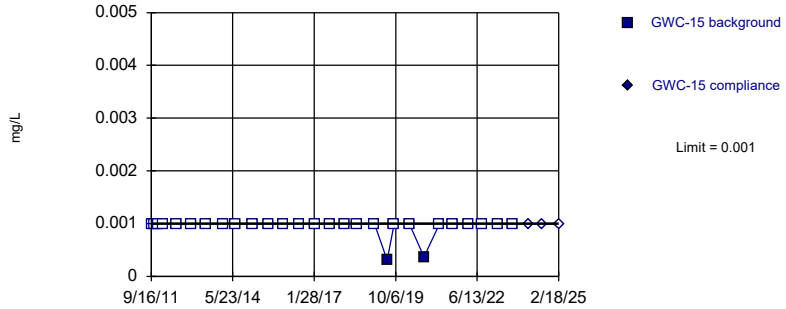
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell

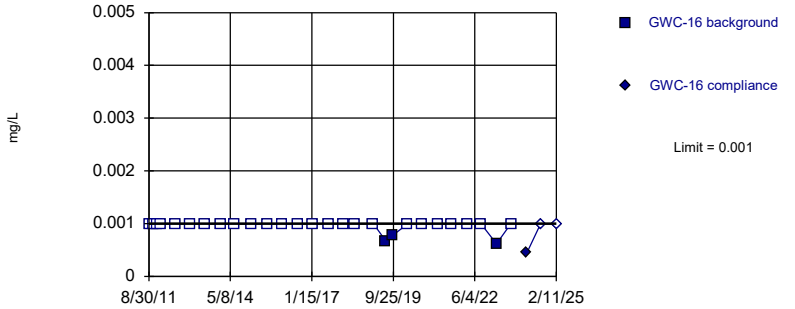
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

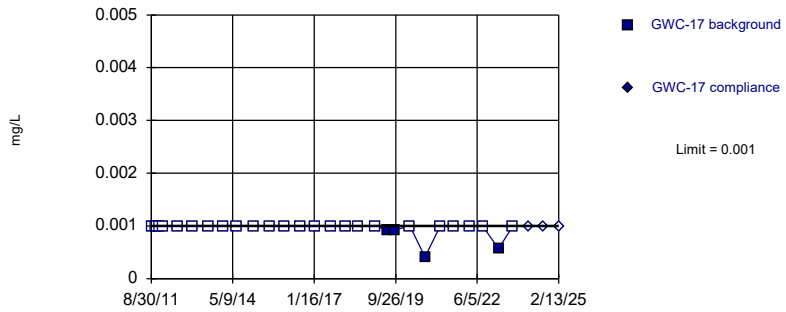
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



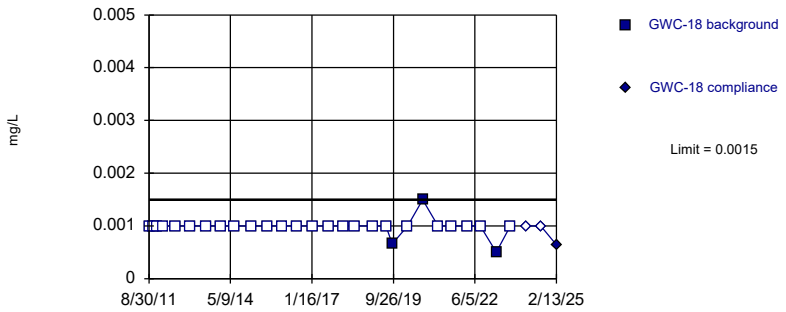
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



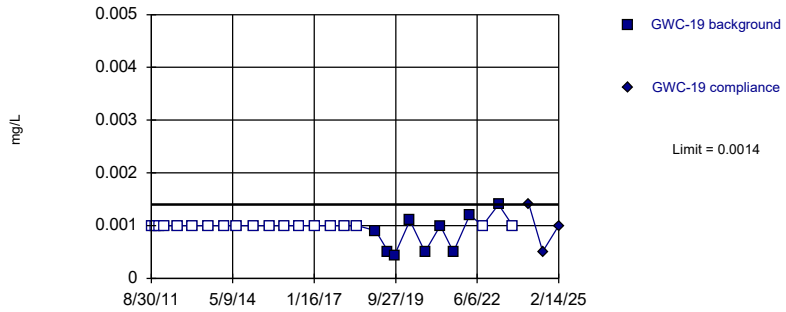
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



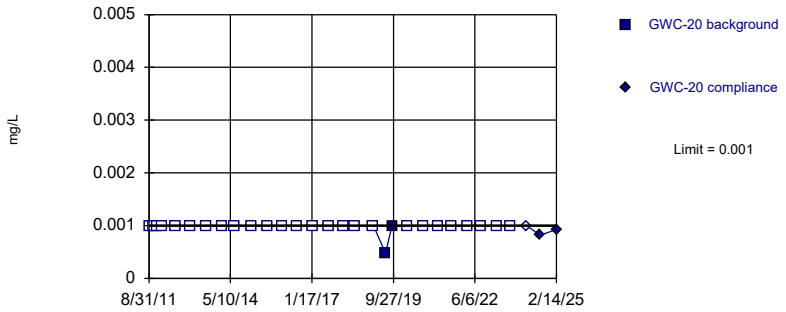
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

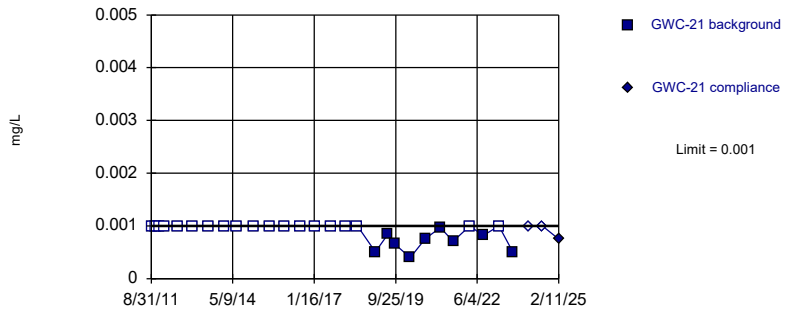
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

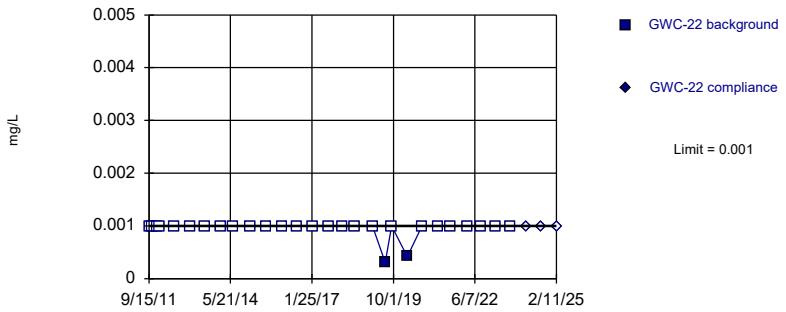
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

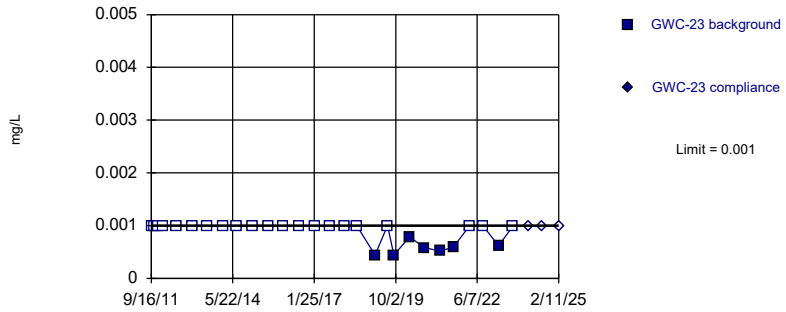
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

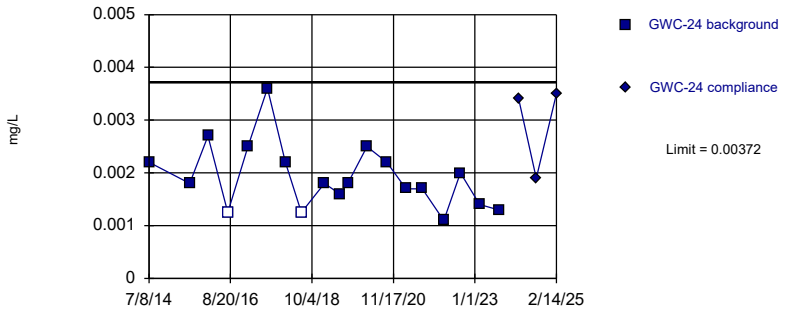
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.001926, Std. Dev.=0.0006152, n=19, 10.53% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9251, critical = 0.901. Kappa = 2.916 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

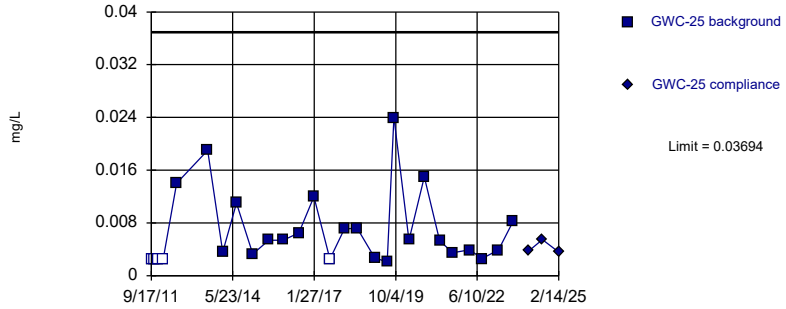
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.351, Std. Dev.=0.7606, n=27, 18.52% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9174, critical = 0.894. Kappa = 2.699 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

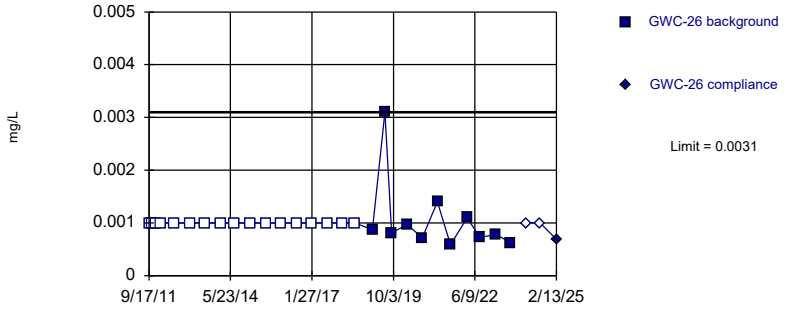
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

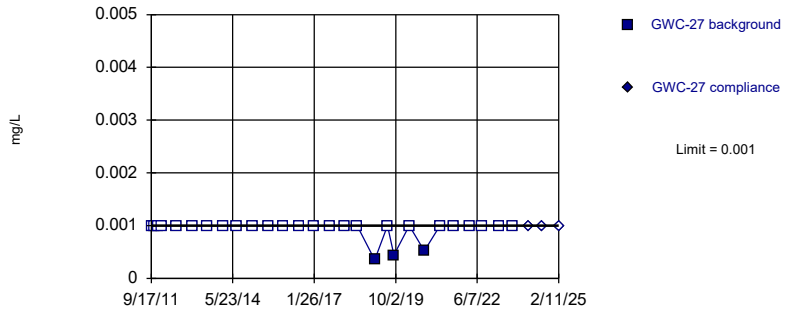
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

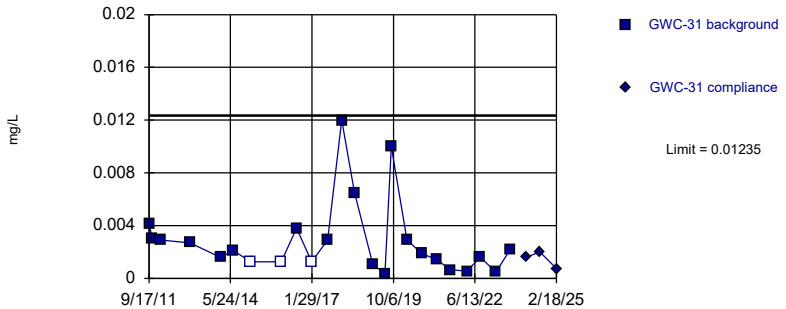
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



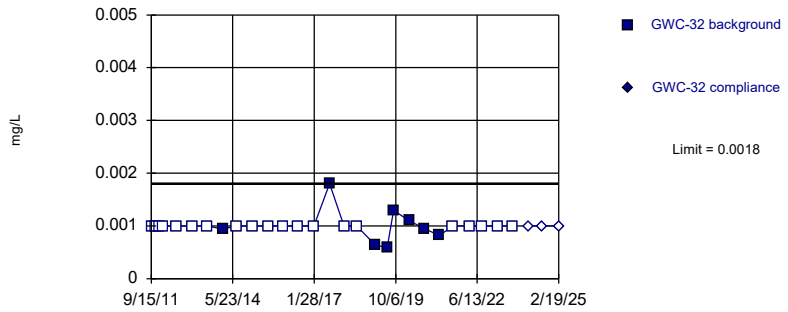
Background Data Summary (based on square root transformation): Mean=0.04858, Std. Dev.=0.02266, n=24, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8897, critical = 0.884. Kappa = 2.76 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



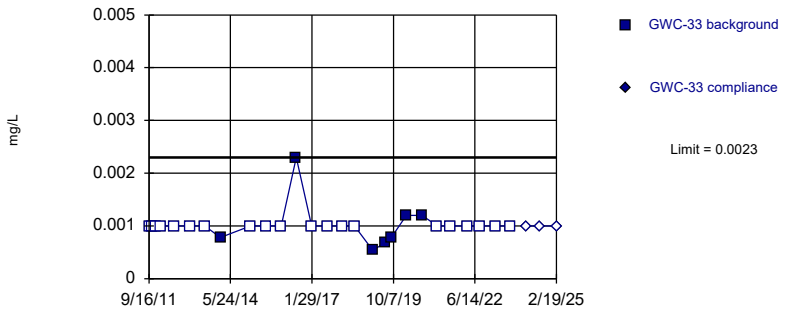
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



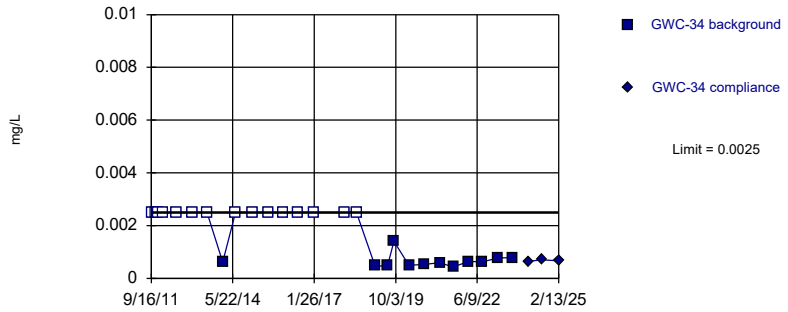
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 74.07% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



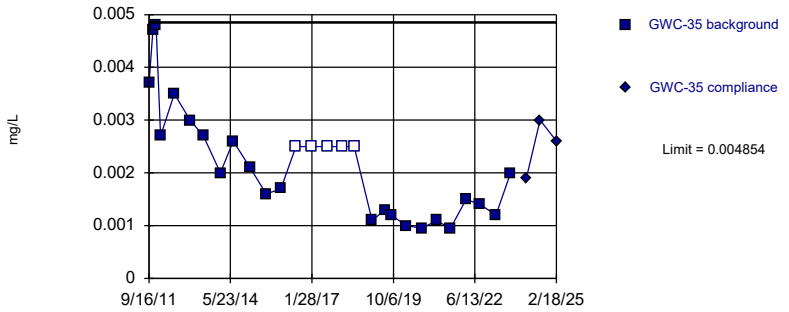
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001893, Std. Dev.=0.001104, n=28, 17.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8984, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

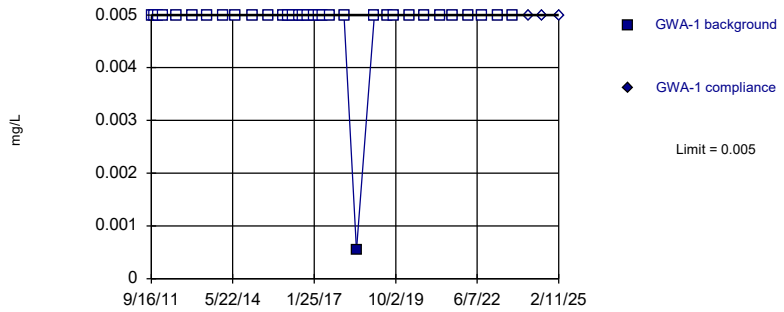
Constituent: Nickel Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

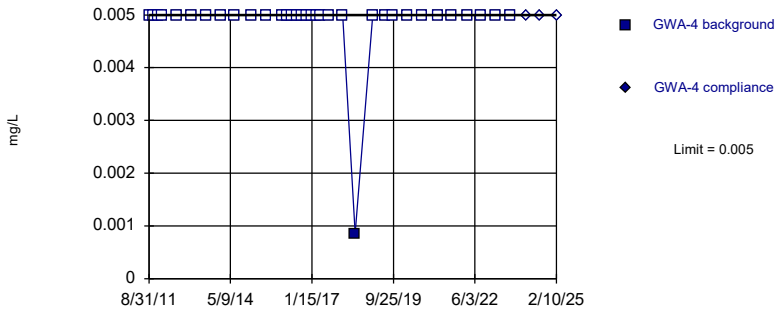
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

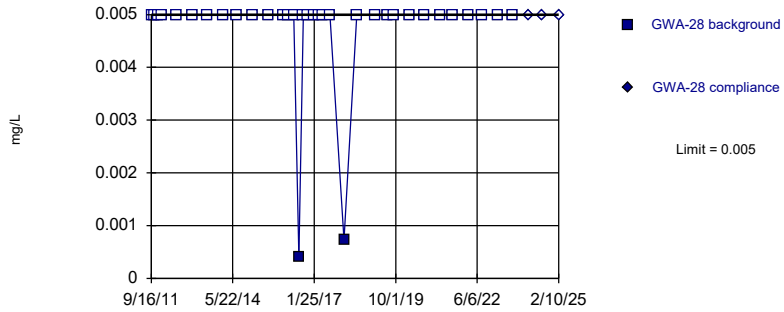
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

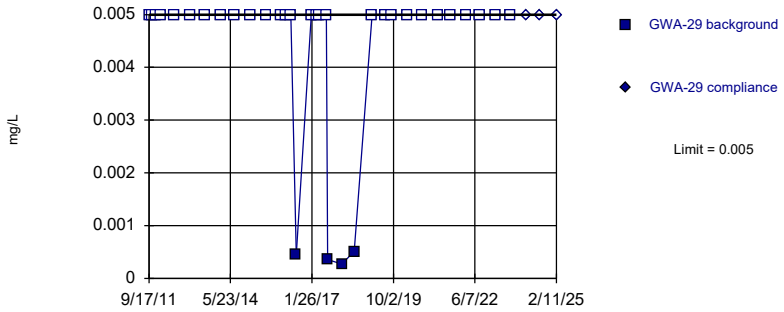
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

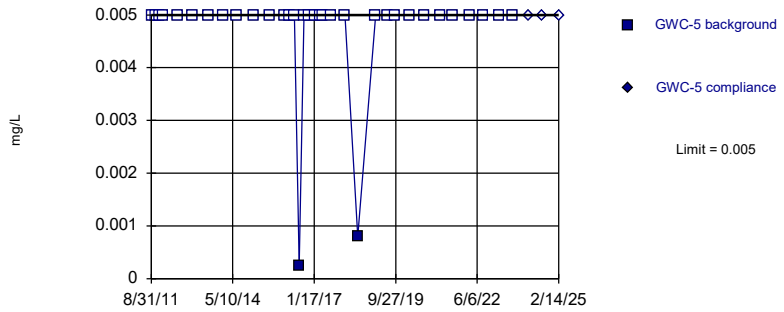
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

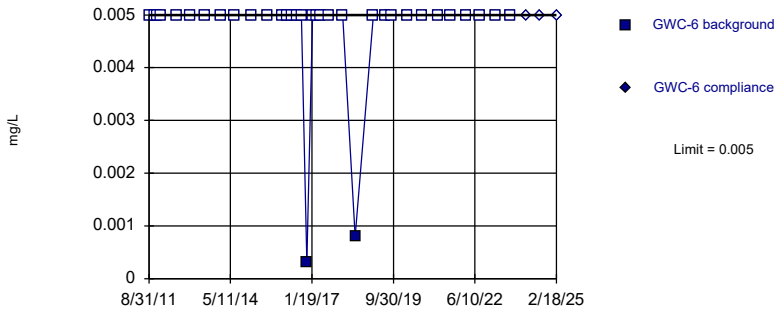
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

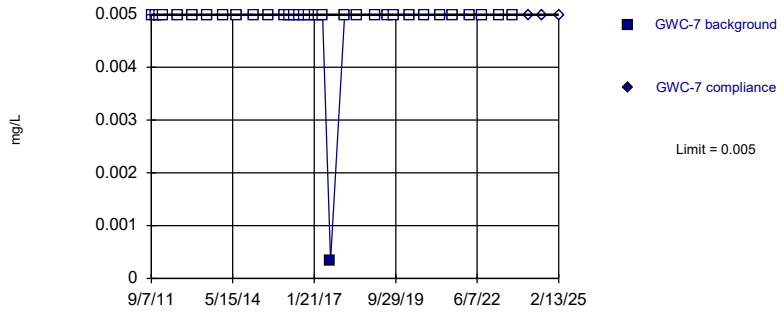
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

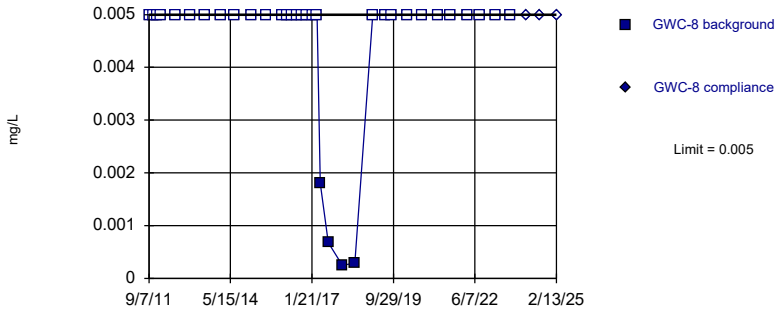
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



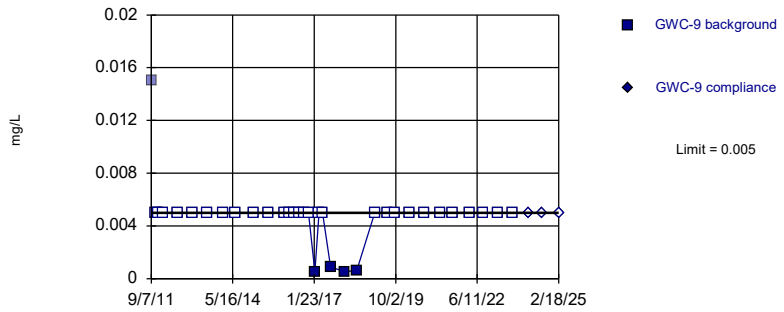
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



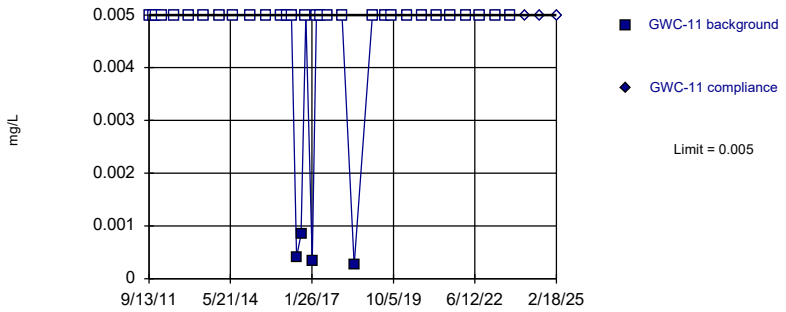
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



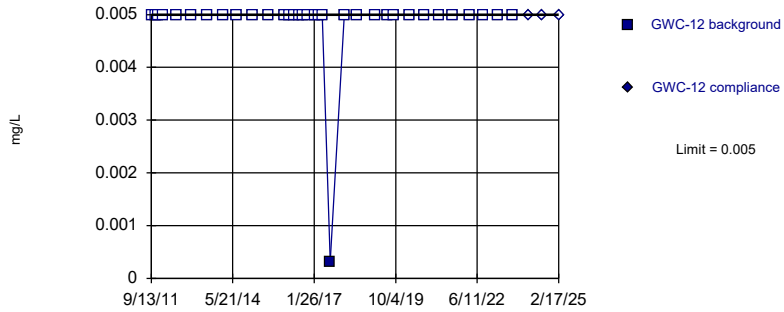
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



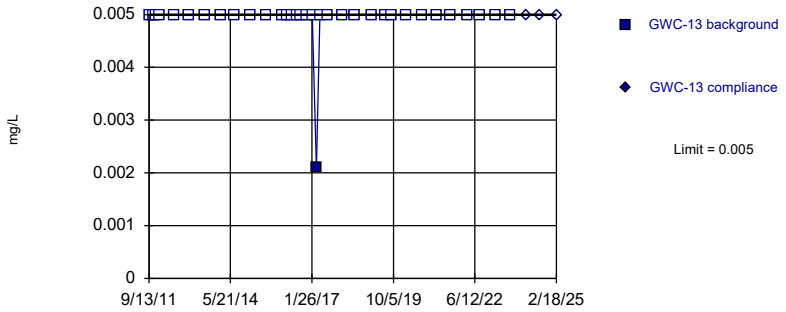
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

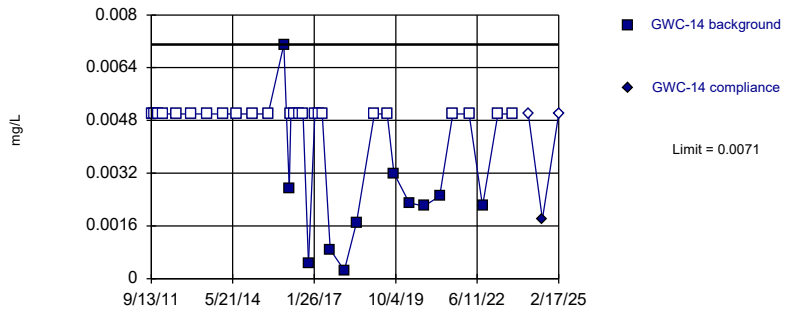
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 68.57% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

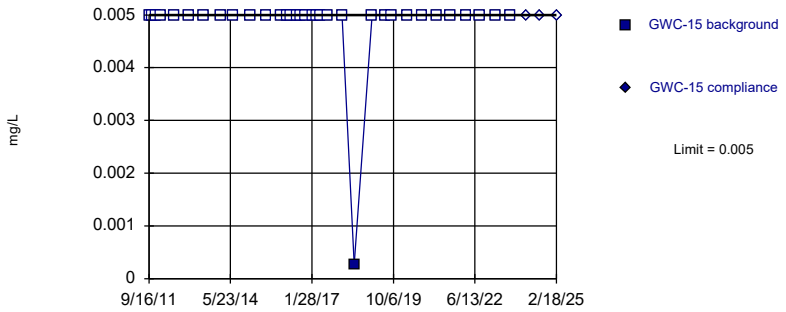
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

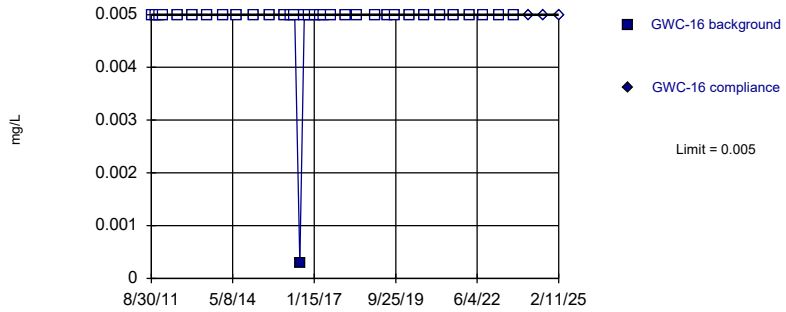
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

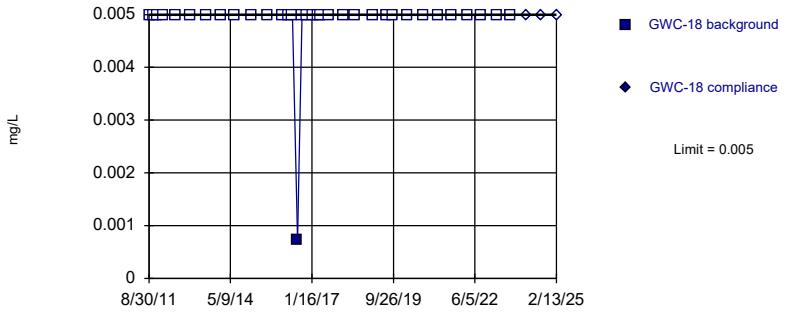
Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



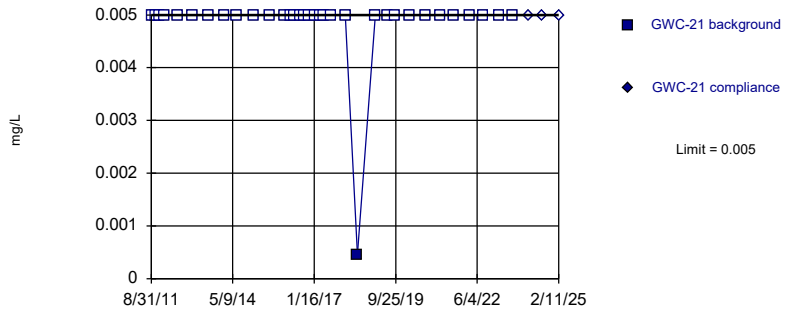
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



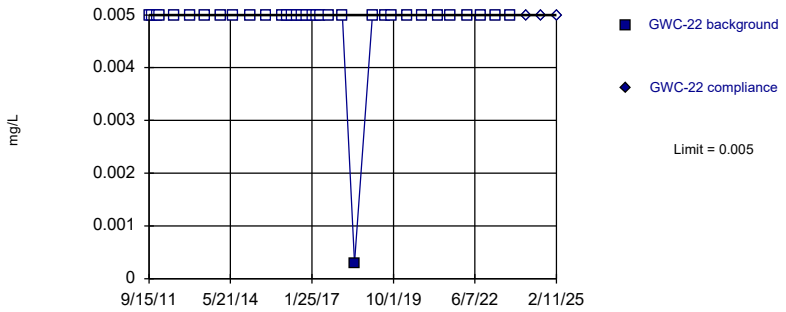
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



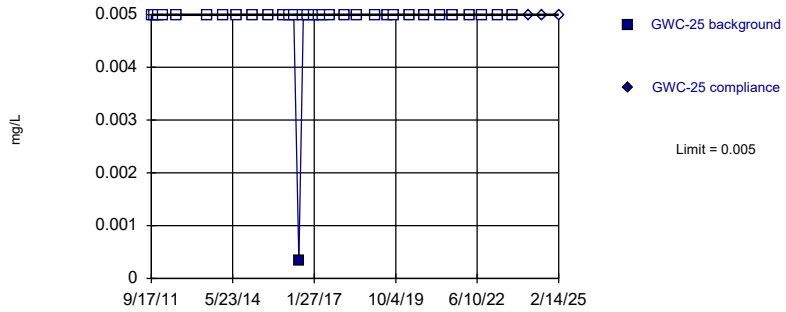
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



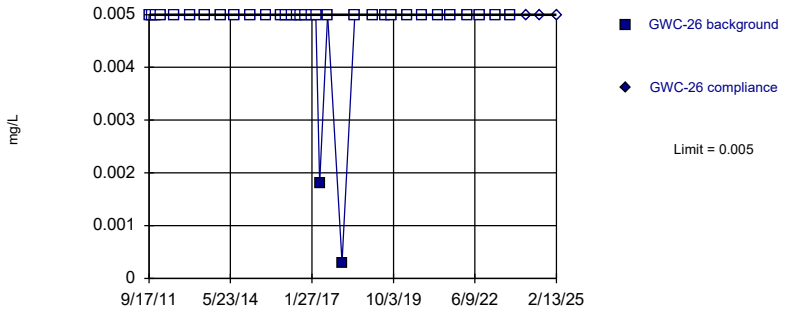
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



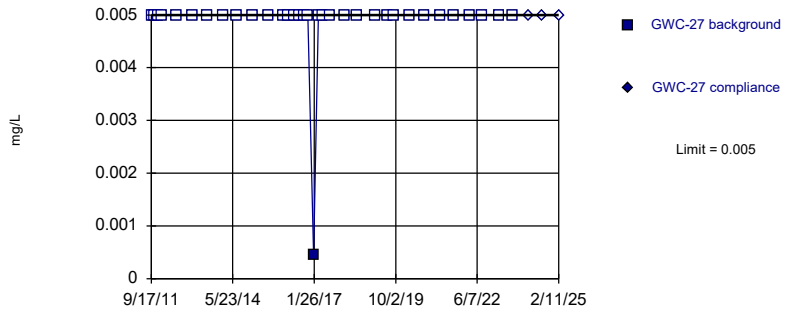
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



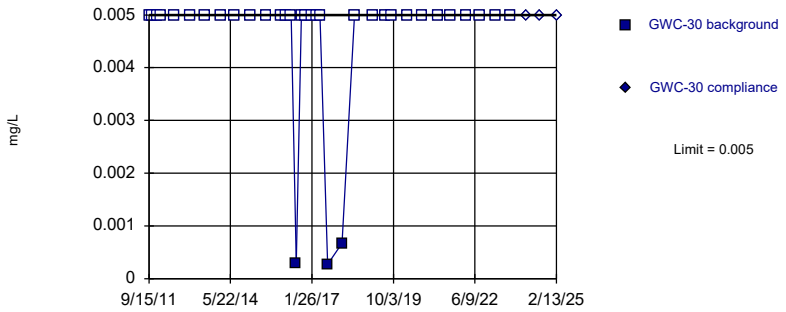
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



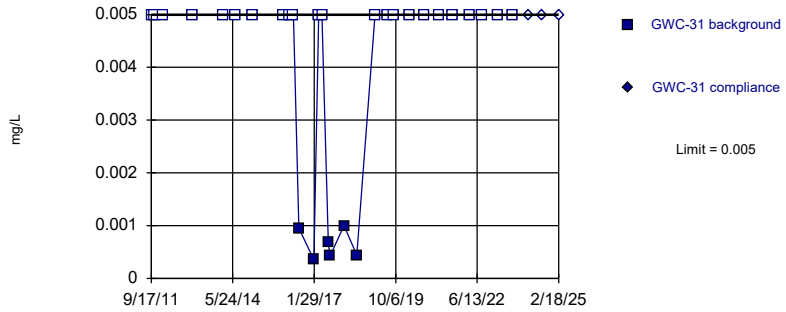
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



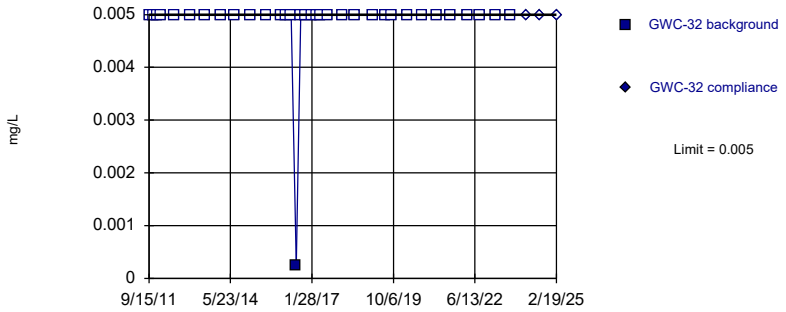
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 79.31% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



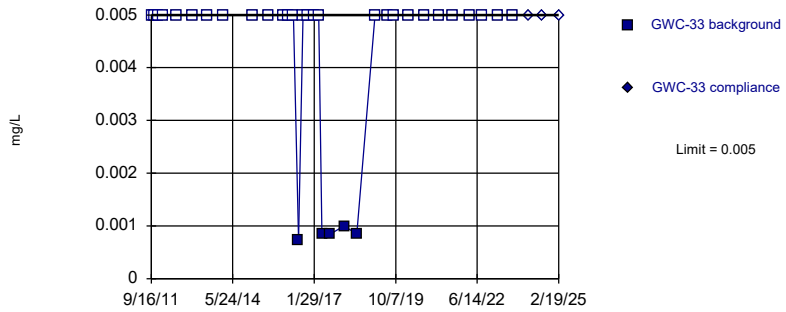
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:11 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



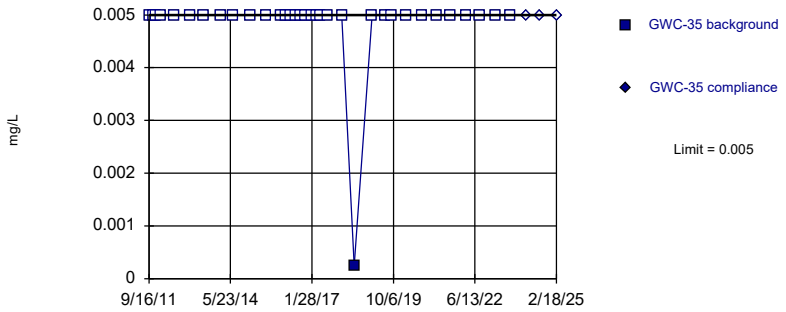
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



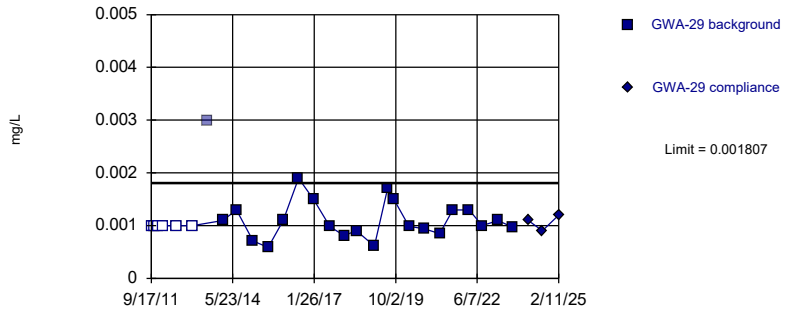
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



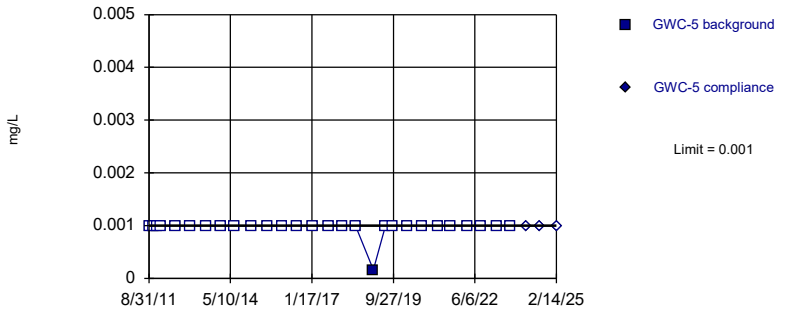
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0009725, Std. Dev.=0.0003093, n=27, 22.22% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9069, critical = 0.894. Kappa = 2.699 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

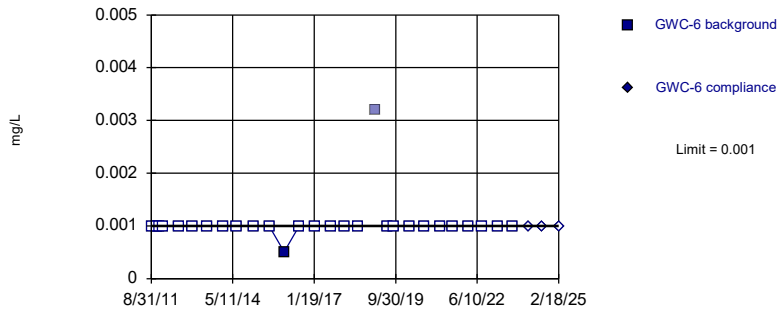
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

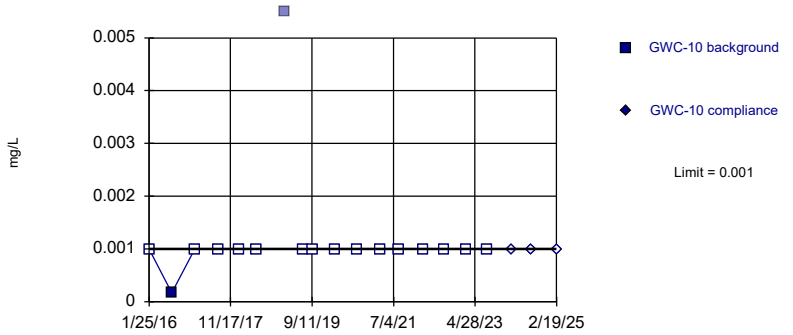
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

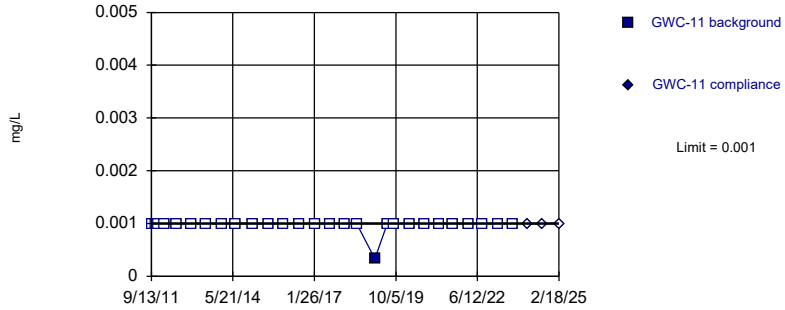
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

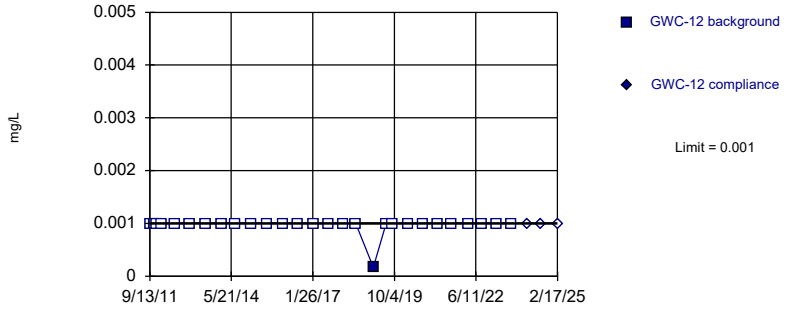
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

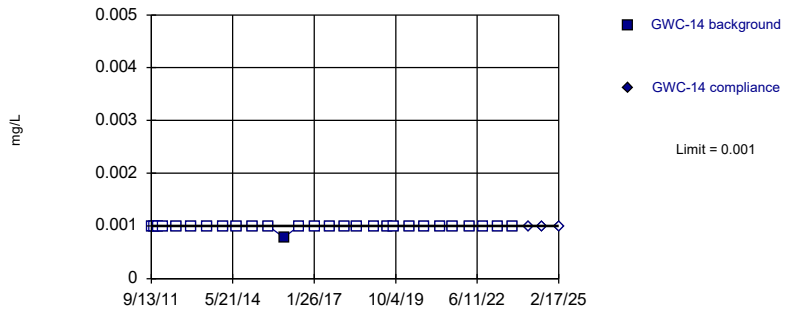
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

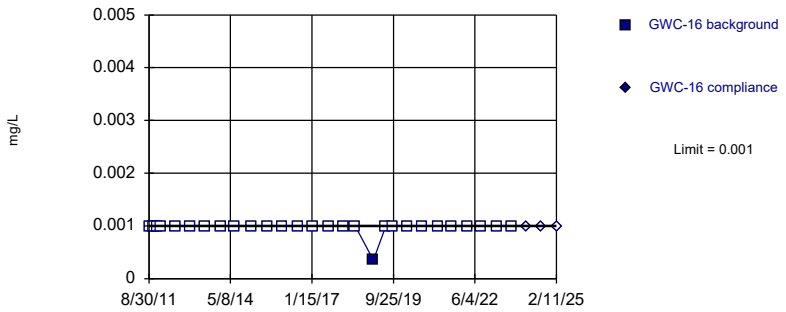
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

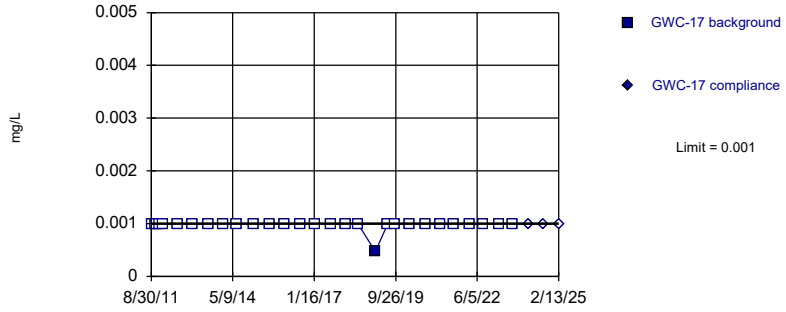
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 96.55% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

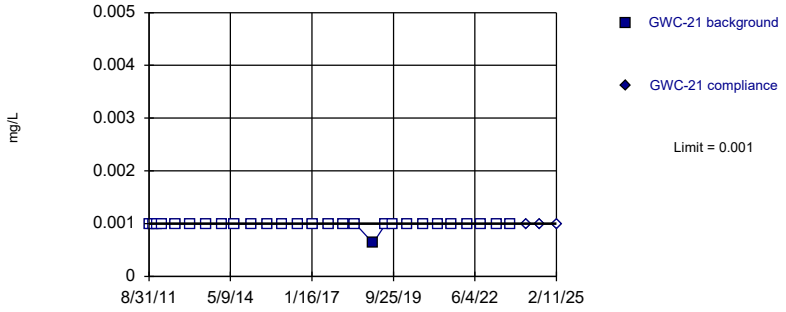
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

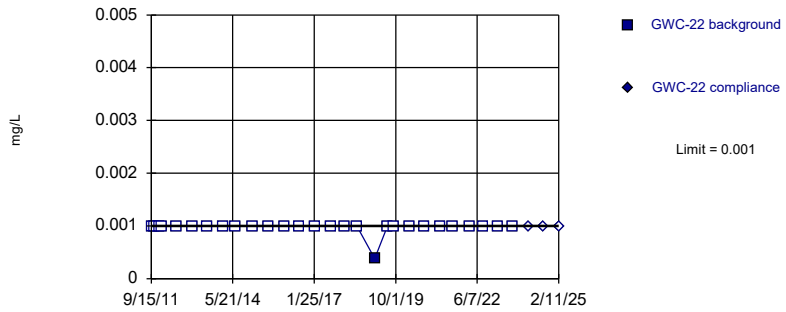
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell

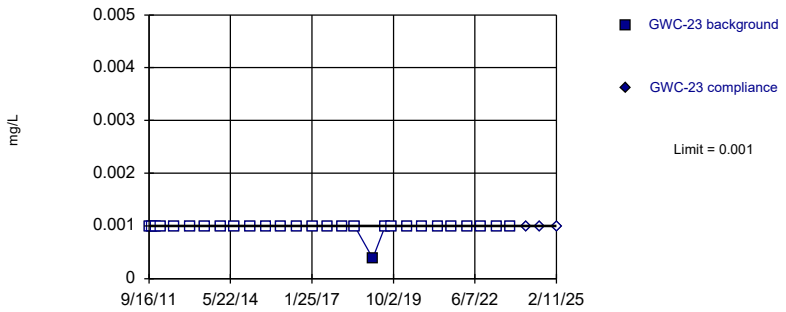
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell

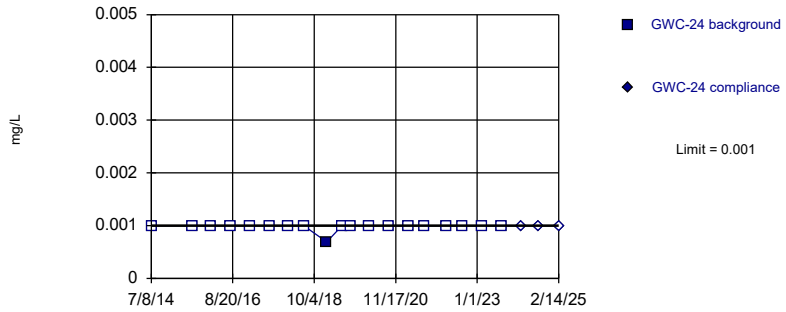
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell

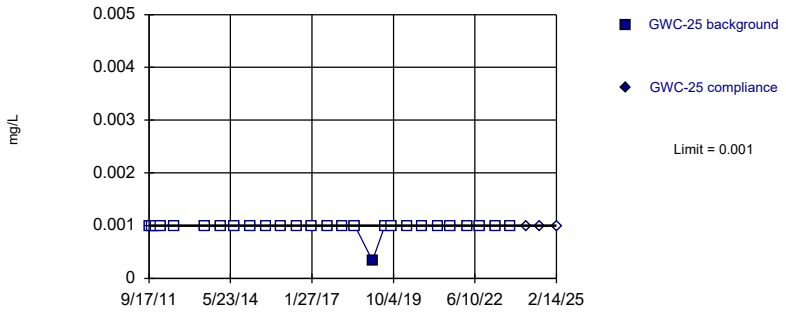
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell

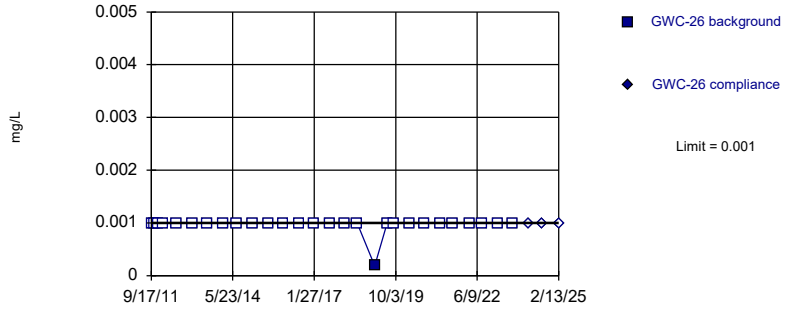
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

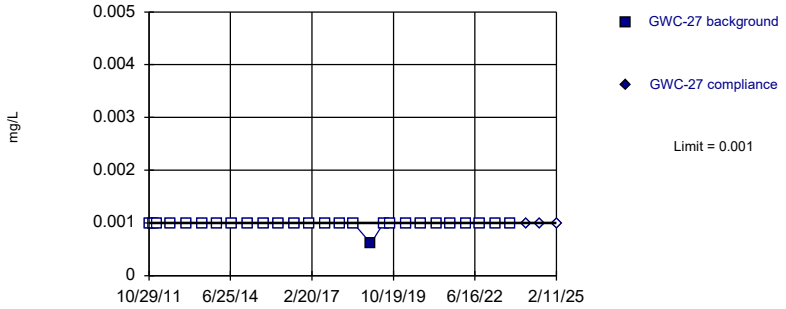
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 96.3% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

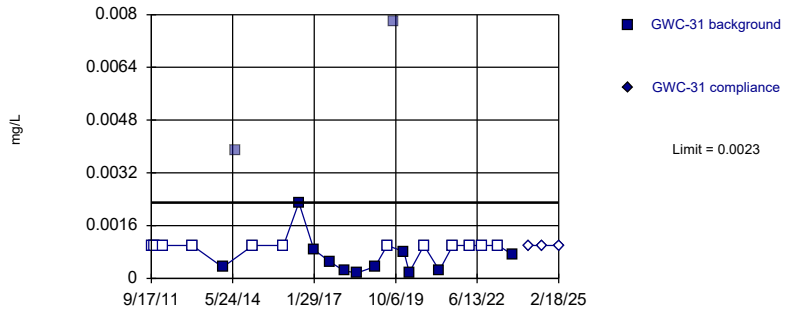
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

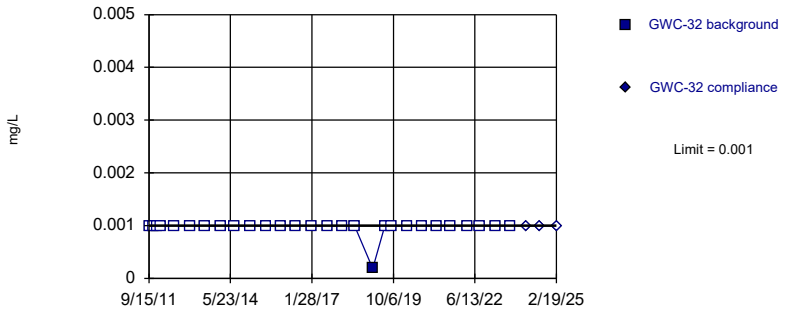
Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



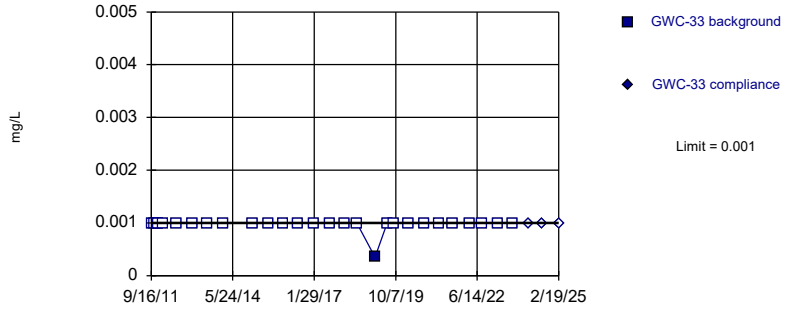
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



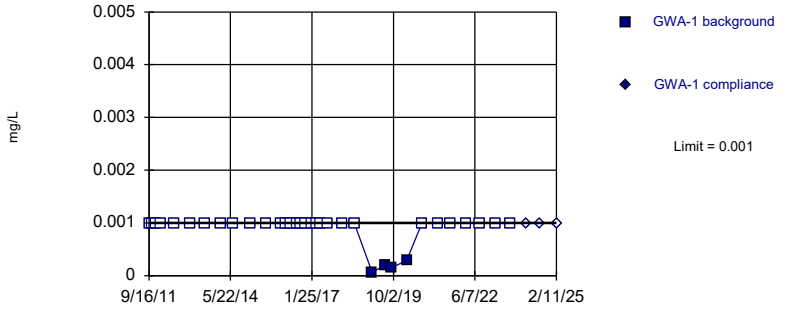
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Silver Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



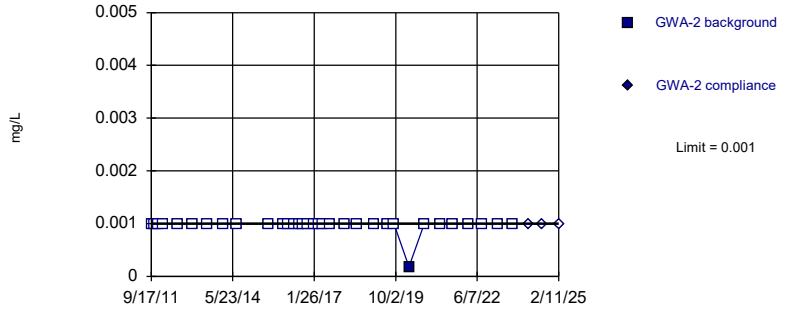
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 88.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



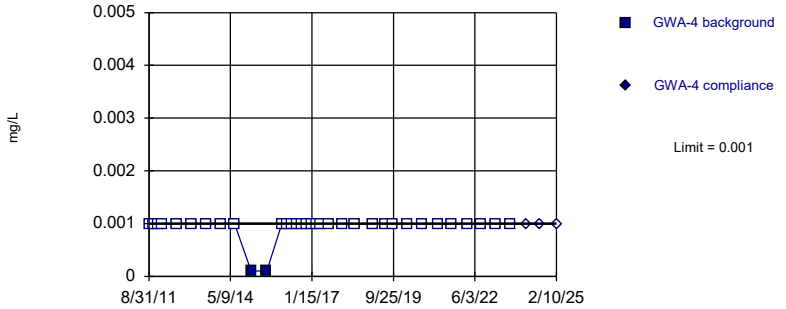
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

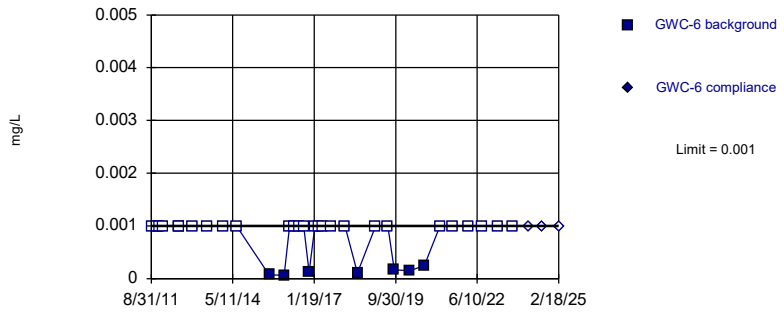
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 79.41% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

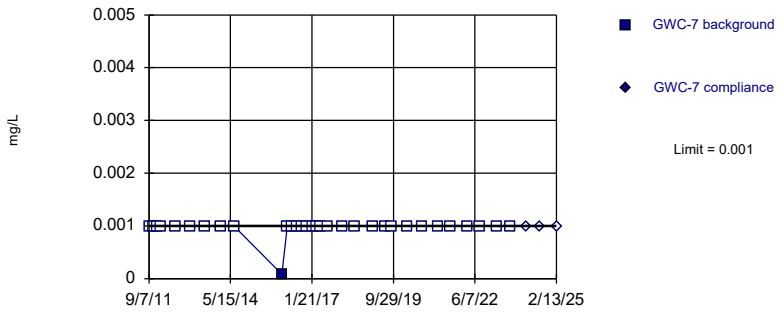
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

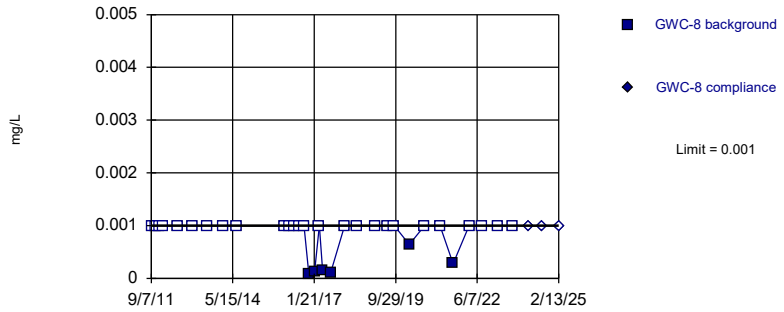
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

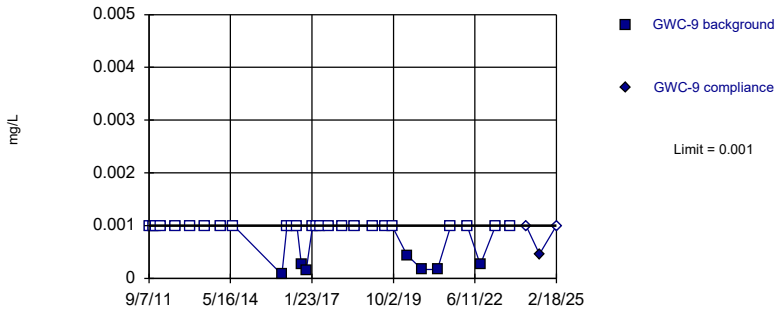
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

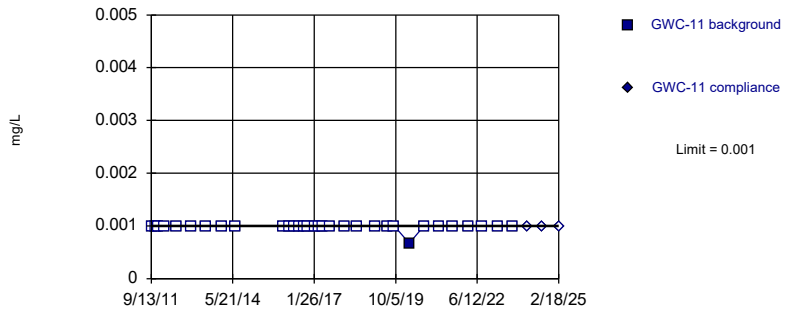
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

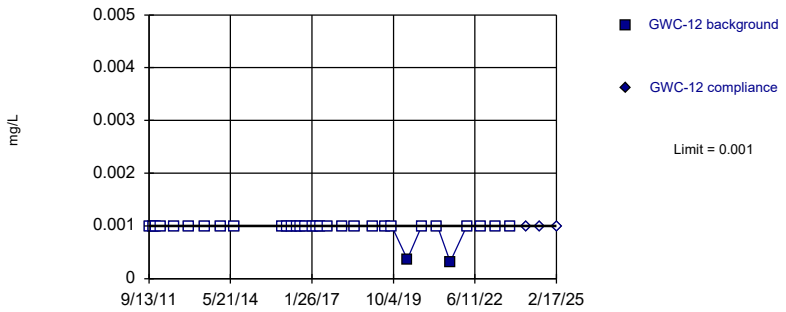
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

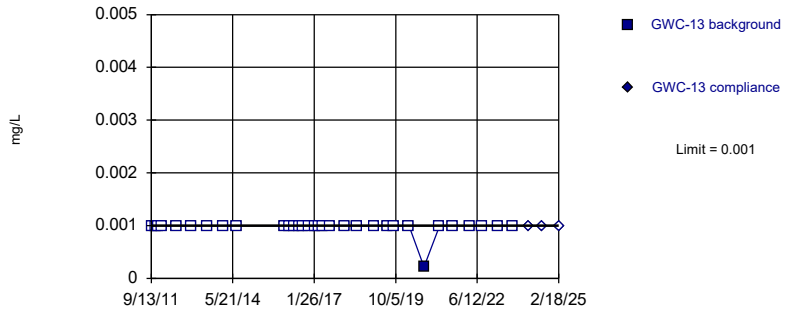
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

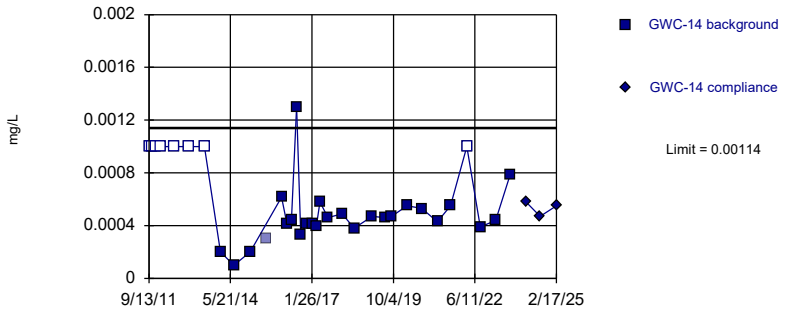
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.02024, Std. Dev.=0.00517, n=33, 24.24% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9182, critical = 0.906. Kappa = 2.614 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

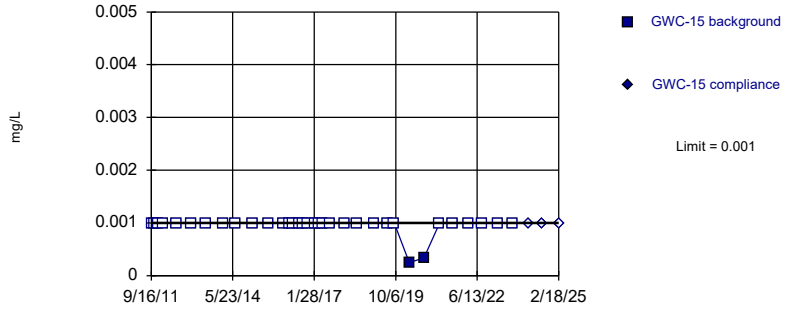
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

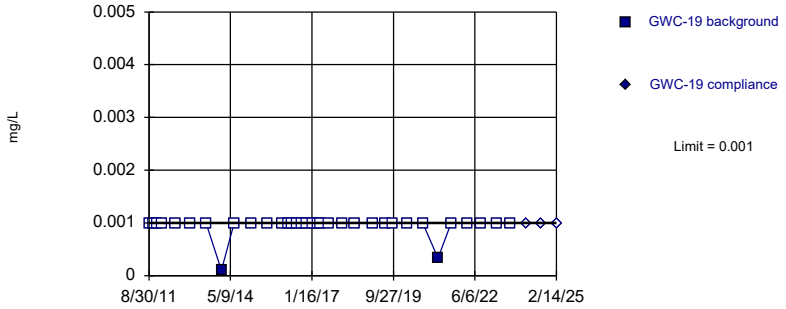
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 94.12% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

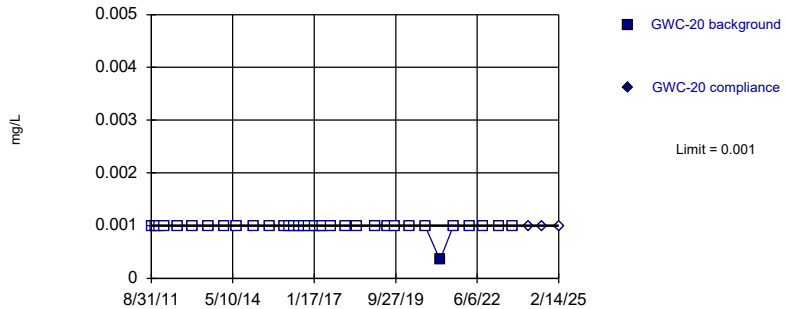
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 97.06% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

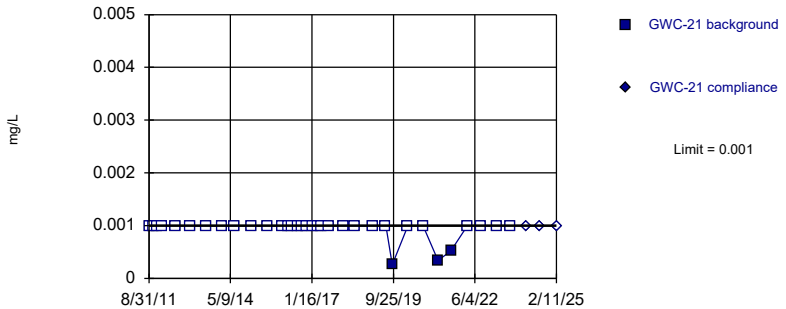
Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



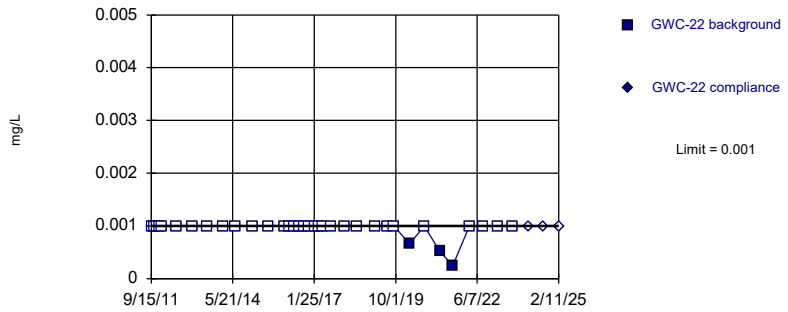
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



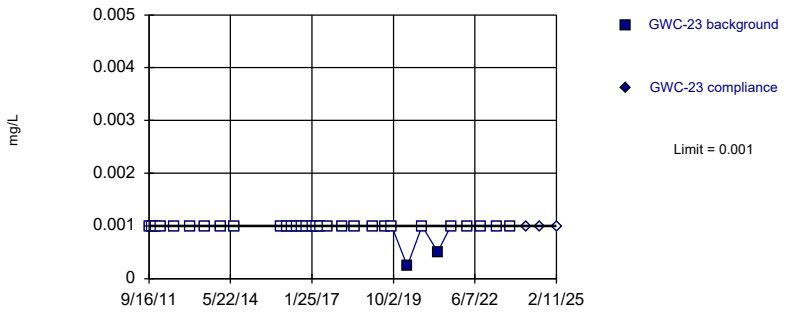
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



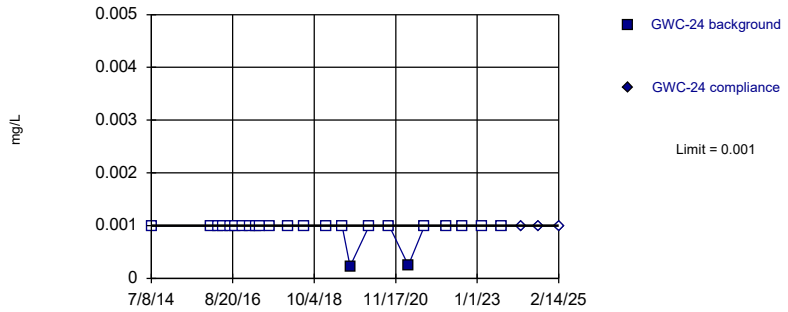
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



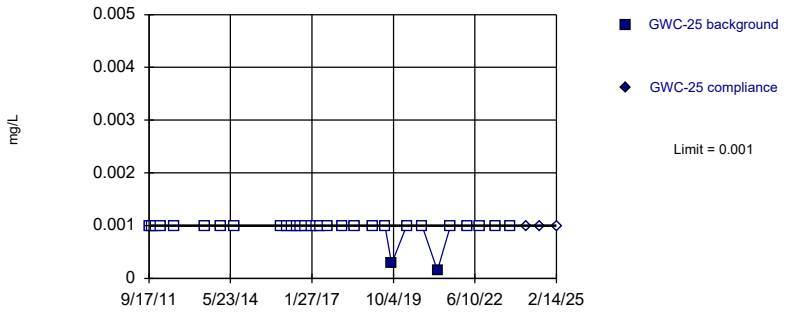
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



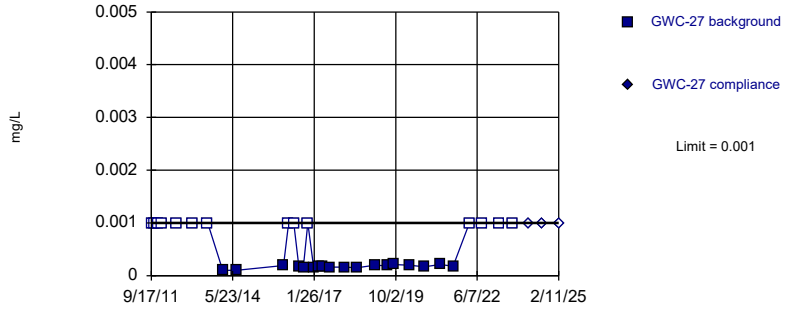
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



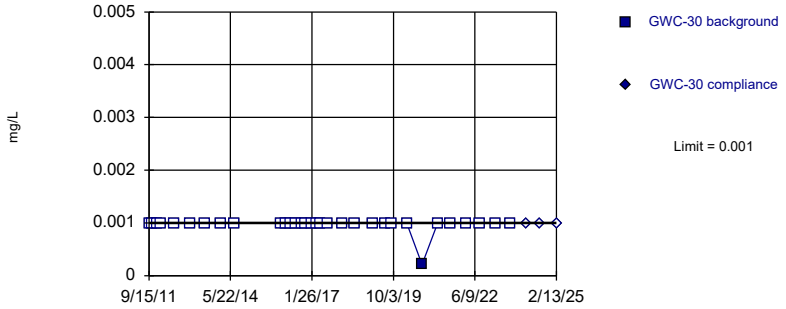
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



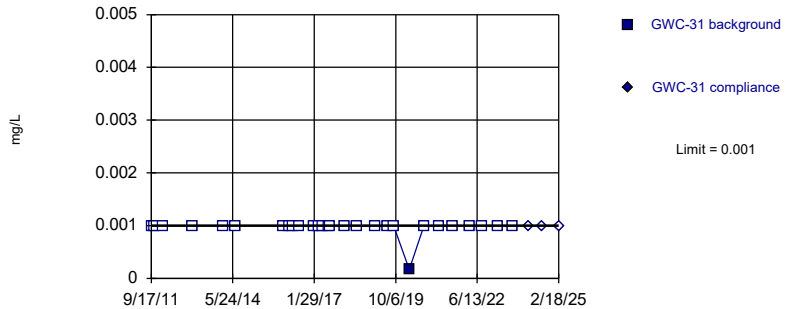
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:12 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



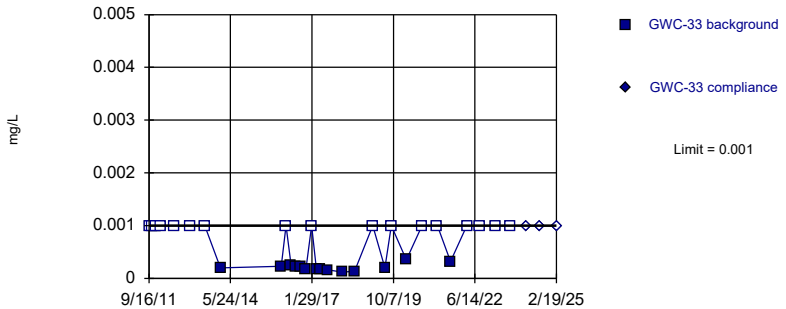
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 96.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

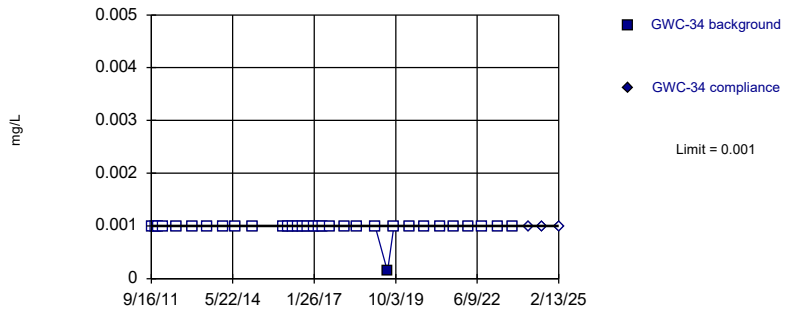
Constituent: Thallium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

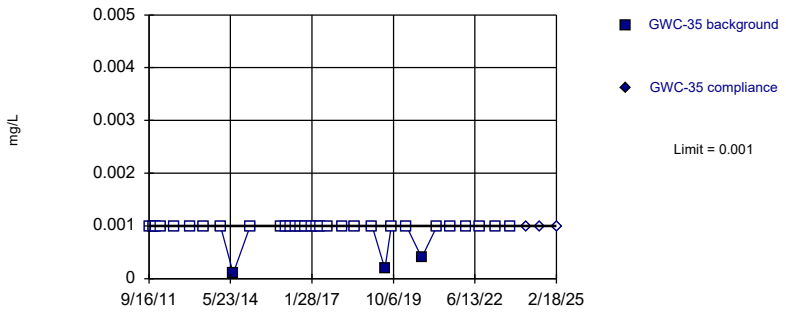
Constituent: Thallium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

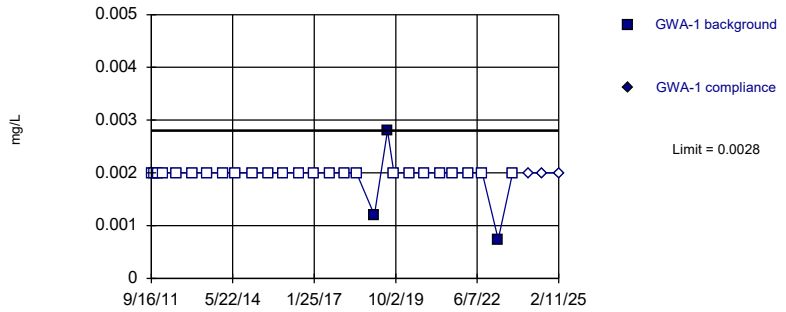
Constituent: Thallium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

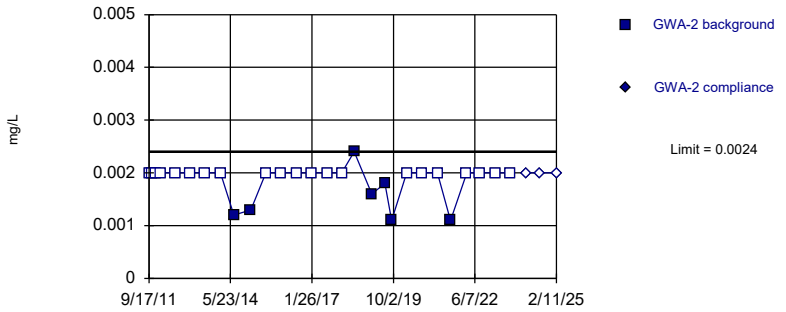
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



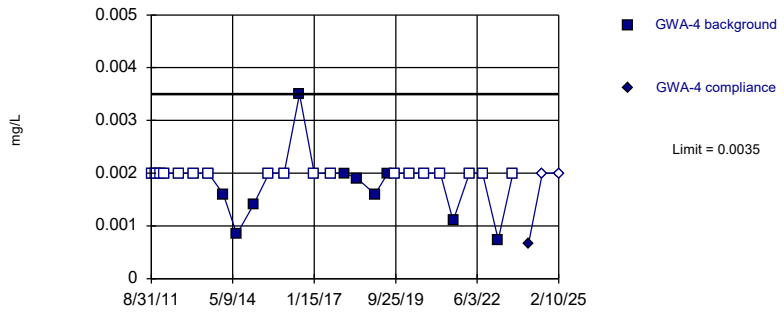
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



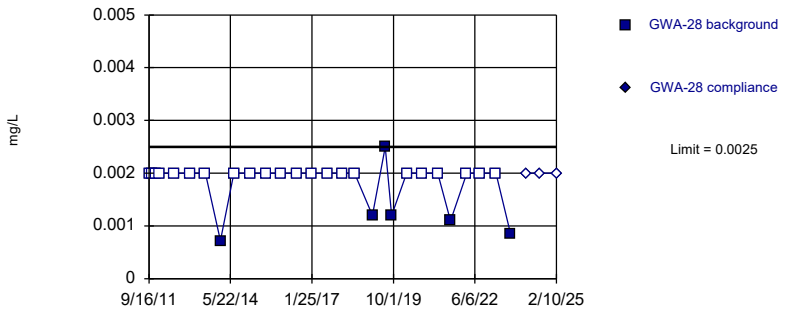
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



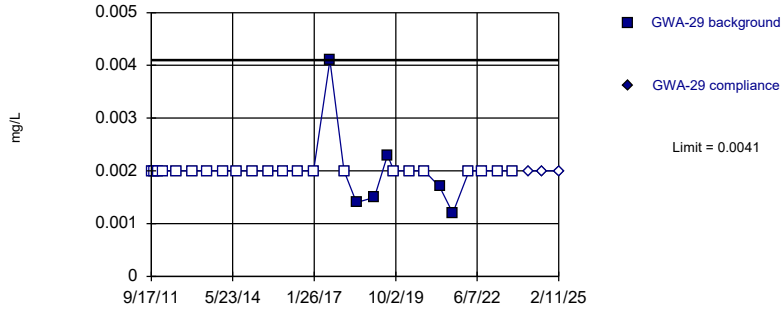
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



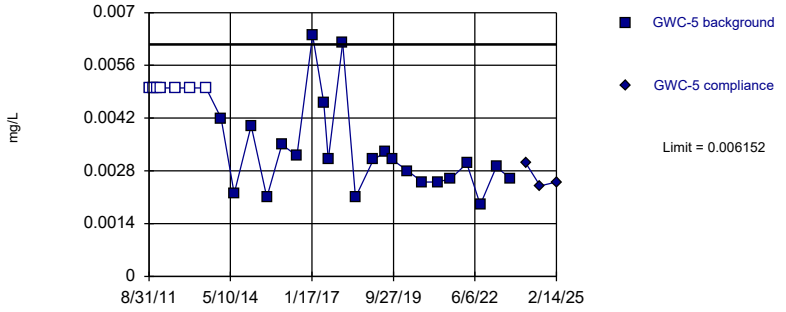
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003072, Std. Dev.=0.001156, n=29, 24.14% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

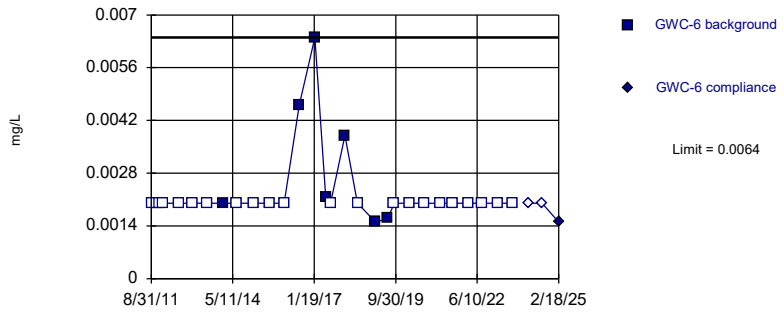
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

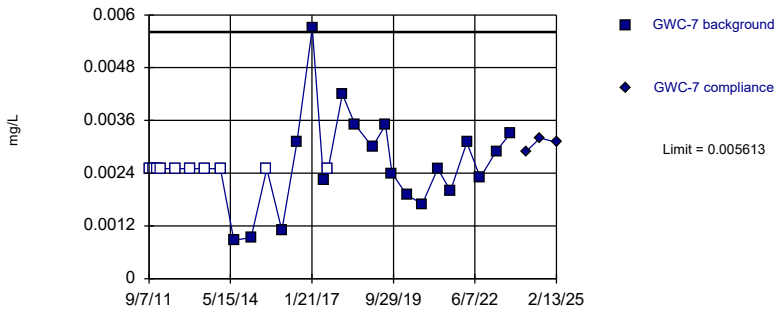
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.0456, Std. Dev.=0.011, n=29, 34.48% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

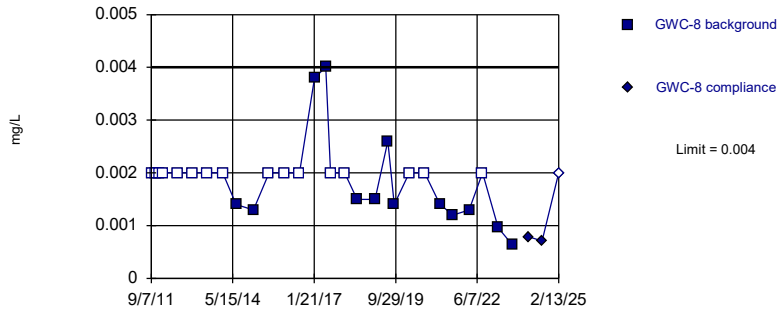
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 55.17% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

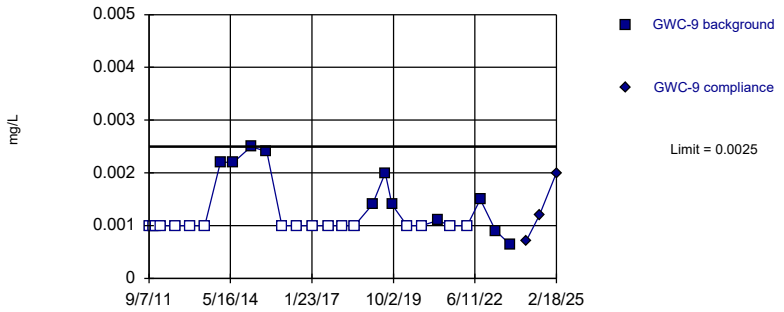
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



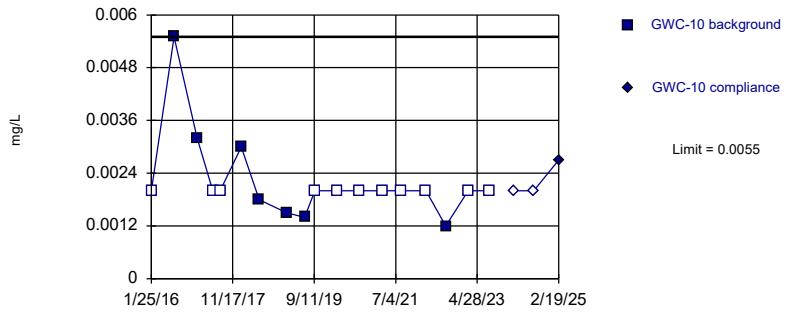
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



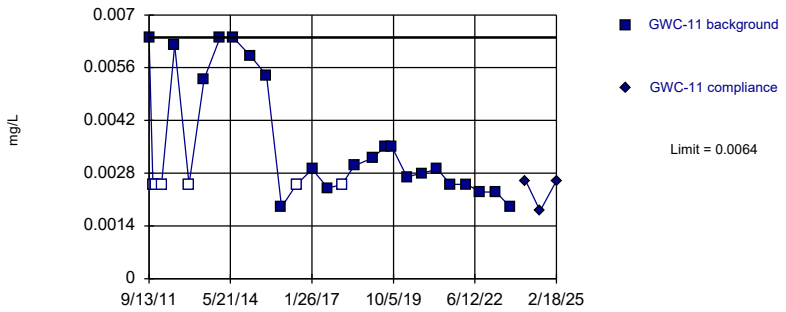
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 61.11% NDs. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



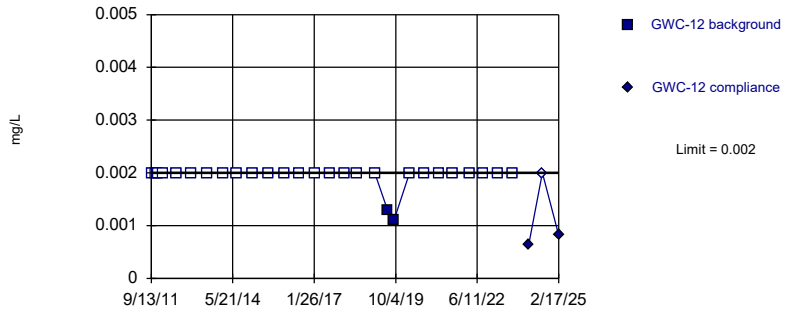
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 21.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



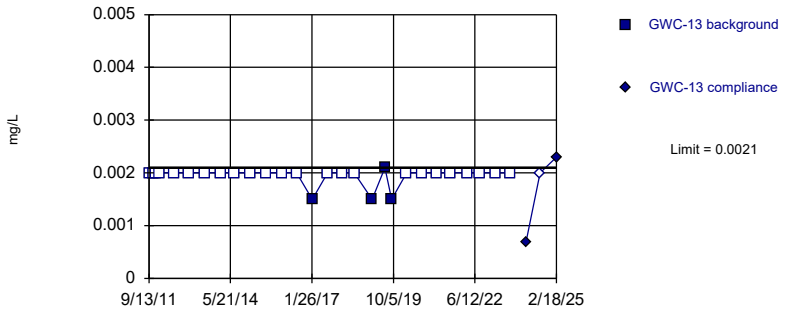
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

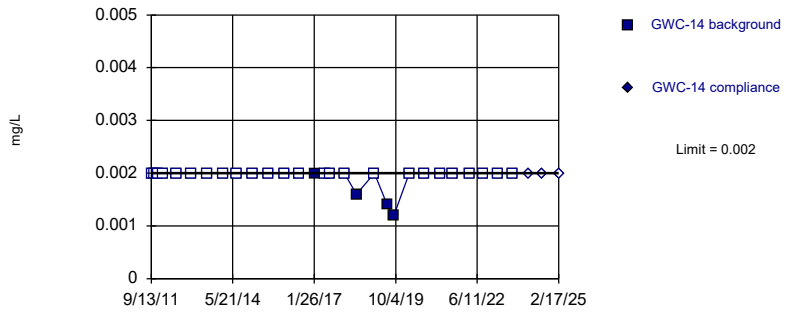
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

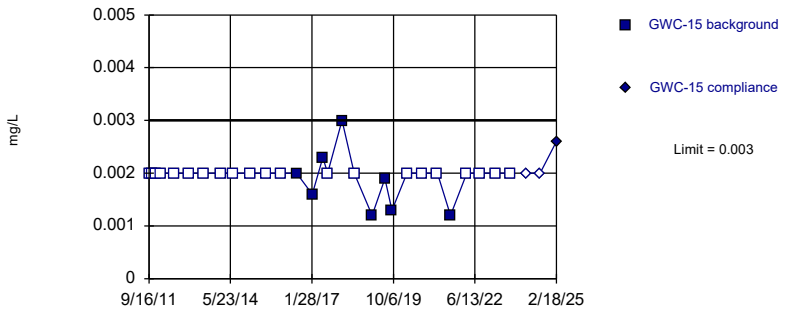
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 72.41% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

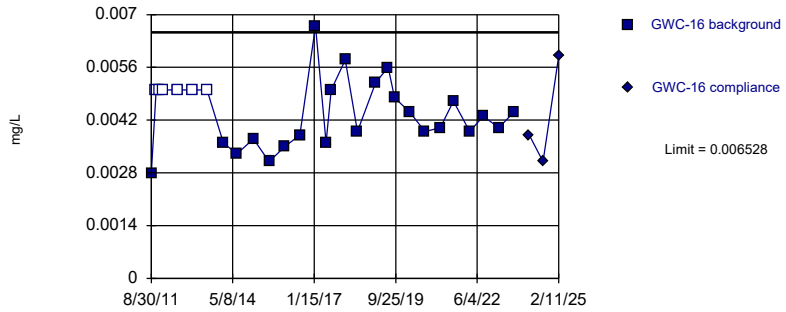
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004045, Std. Dev.=0.0009318, n=29, 20.69% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9644, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

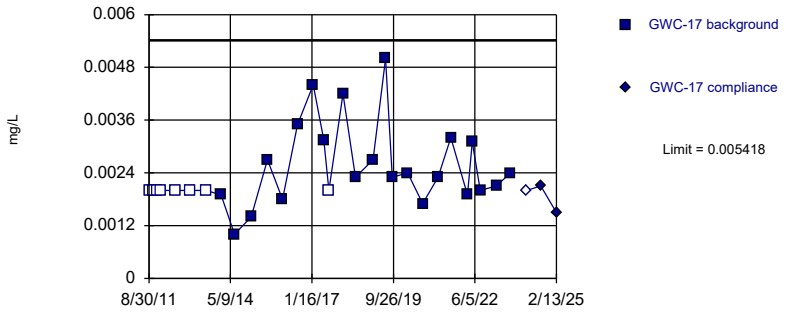
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1271, Std. Dev.=0.01841, n=31, 29.03% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9085, critical = 0.902. Kappa = 2.636 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

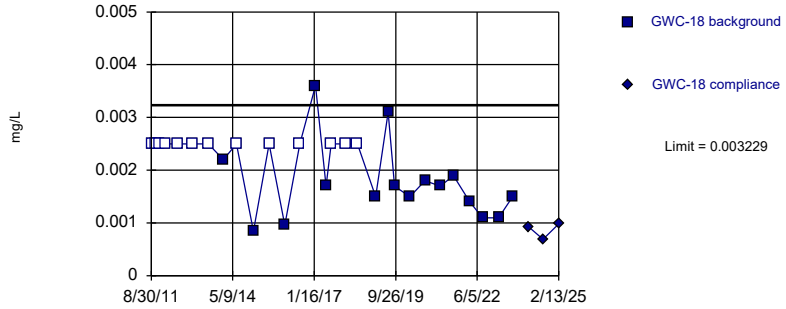
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001466, Std. Dev.=0.0006617, n=29, 44.83% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9069, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

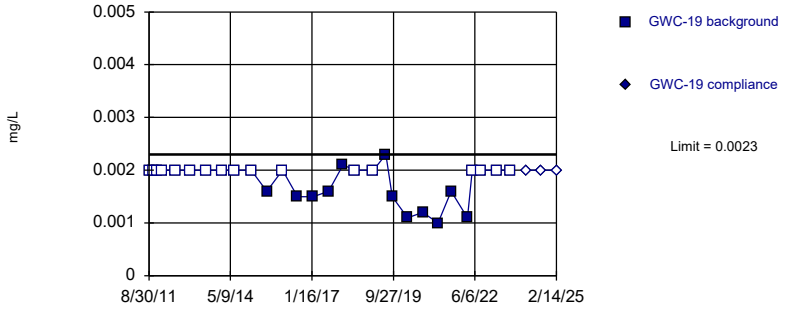
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 58.62% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

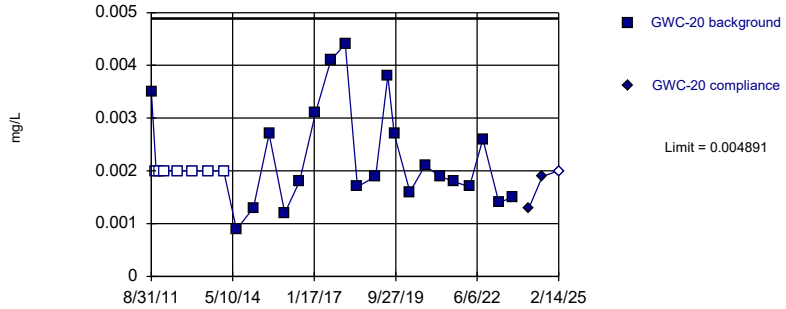
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04334, Std. Dev.=0.009918, n=28, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9248, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

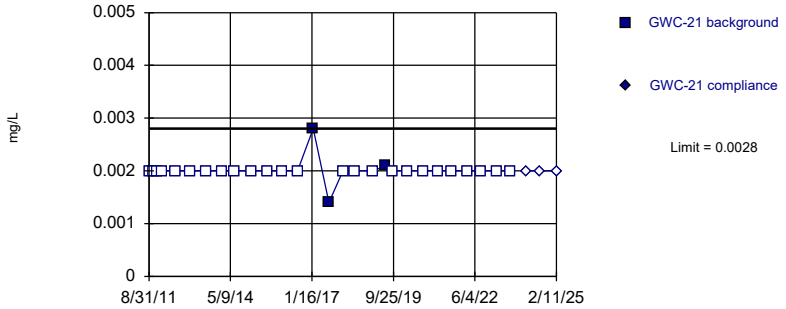
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

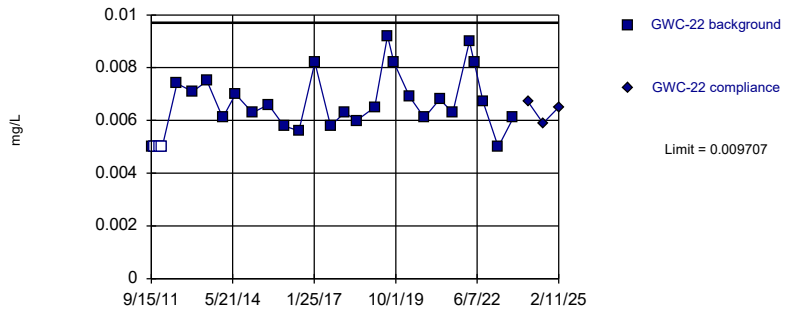
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006576, Std. Dev.=0.001175, n=29, 10.34% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.898. Kappa = 2.665 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

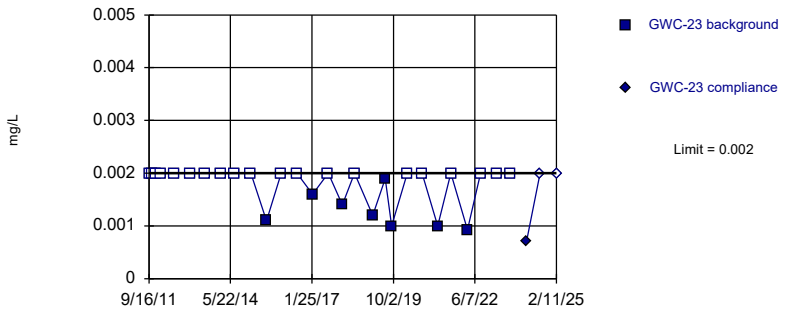
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

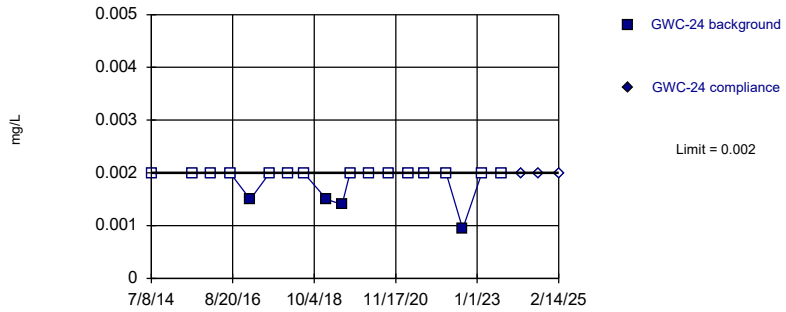
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 78.95% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

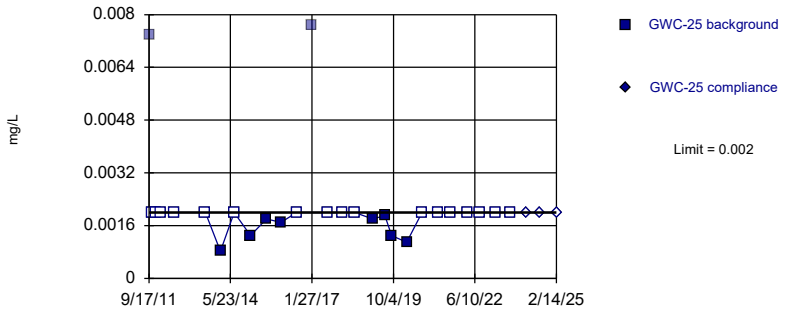
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

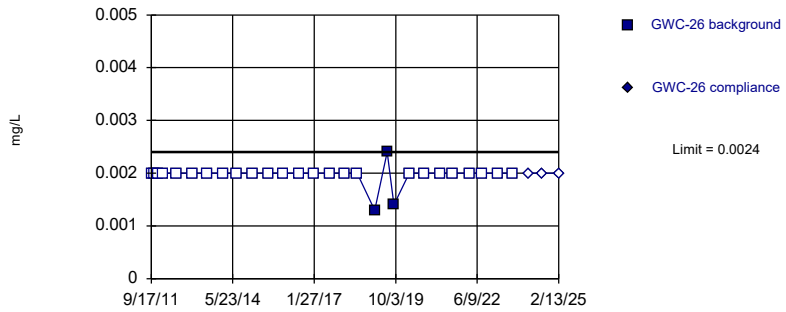
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

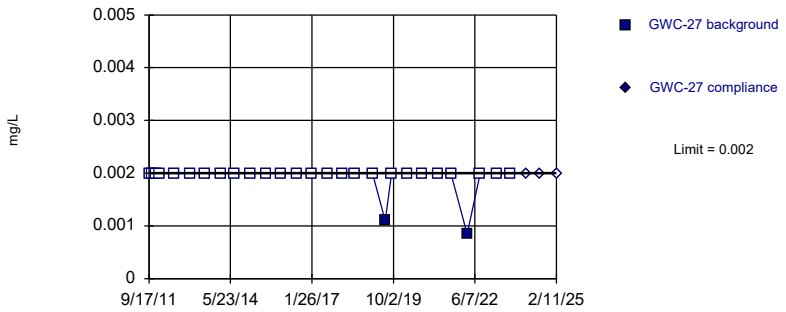
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

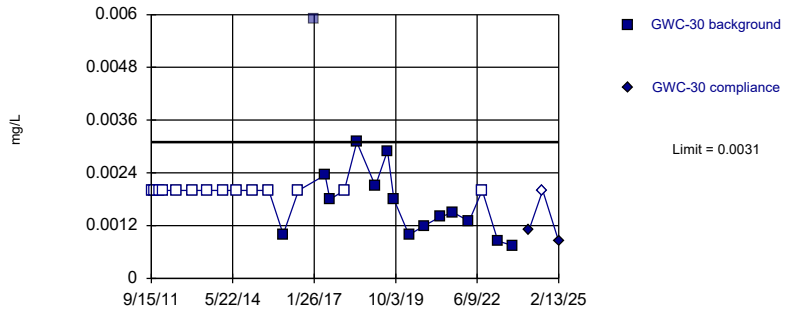
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 50% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

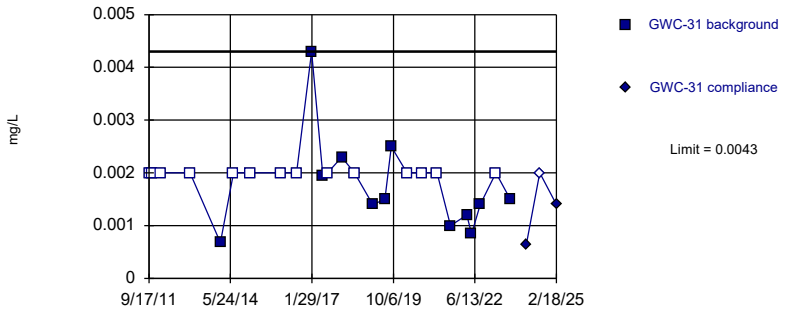
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 53.85% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

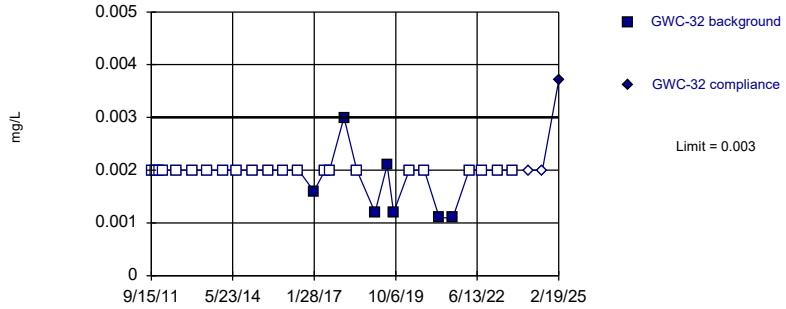
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

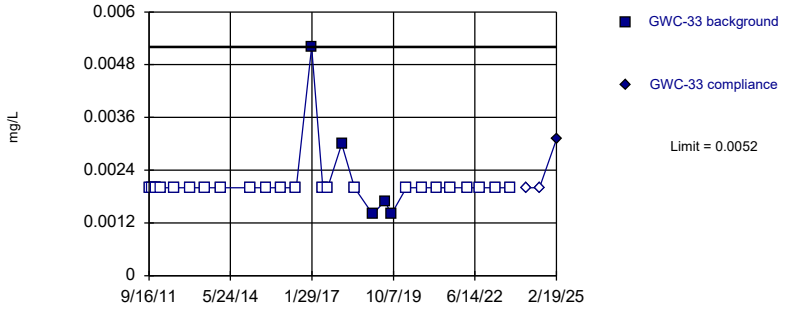
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

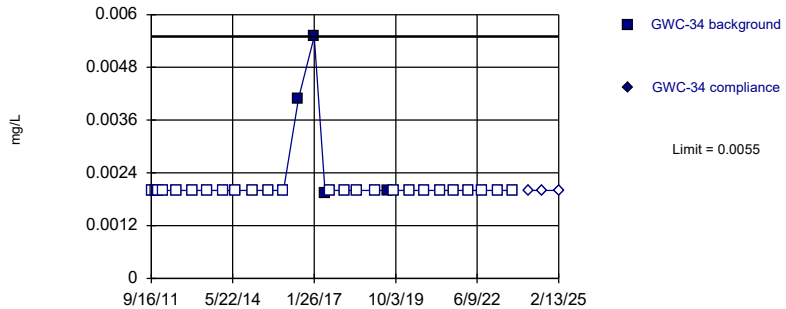
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

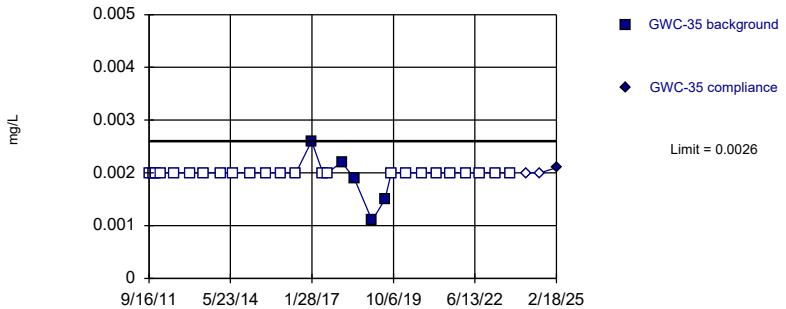
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 82.76% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

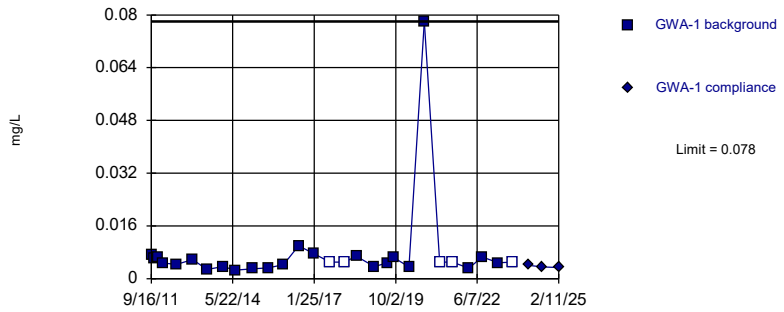
Constituent: Vanadium Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 17.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

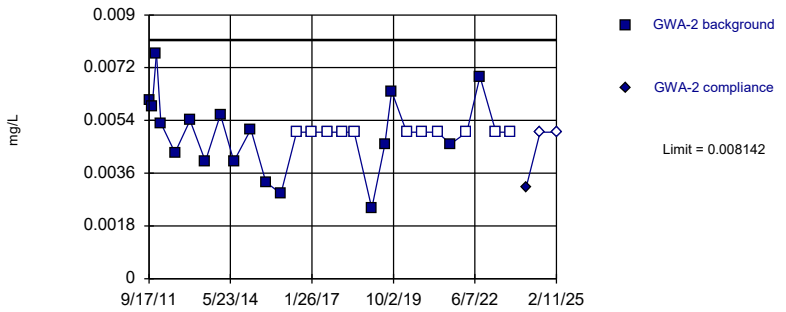
Constituent: Zinc Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004289, Std. Dev.=0.001437, n=28, 39.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9287, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

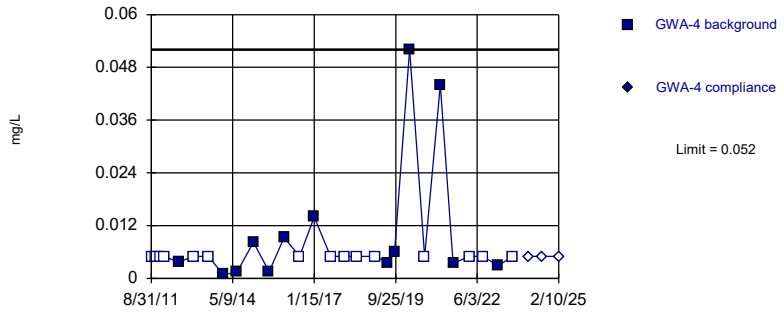
Constituent: Zinc Analysis Run 4/14/2025 5:13 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 53.57% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

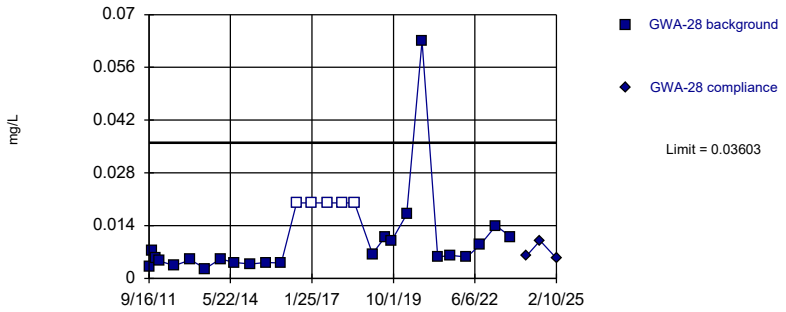
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.102, Std. Dev.=0.6634, n=28, 17.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9299, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

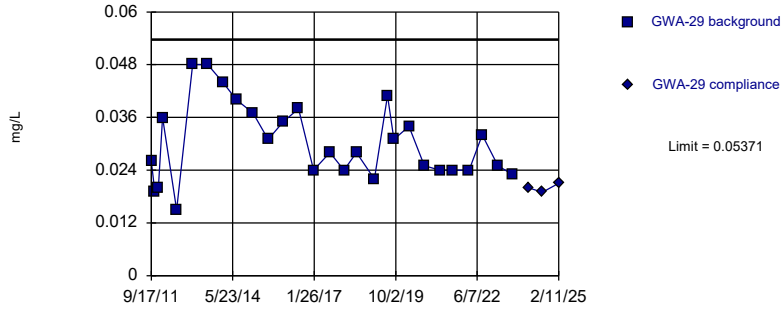
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03021, Std. Dev.=0.008762, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

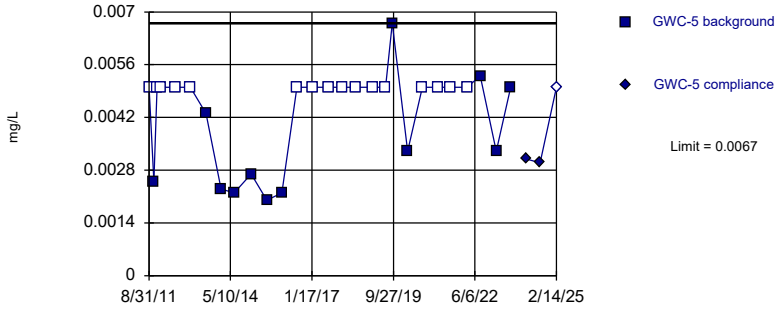
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

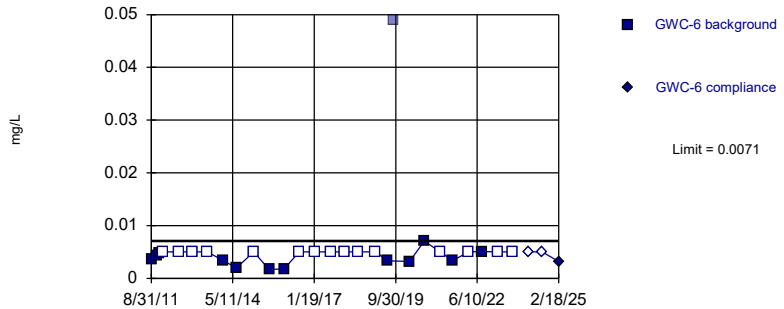
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

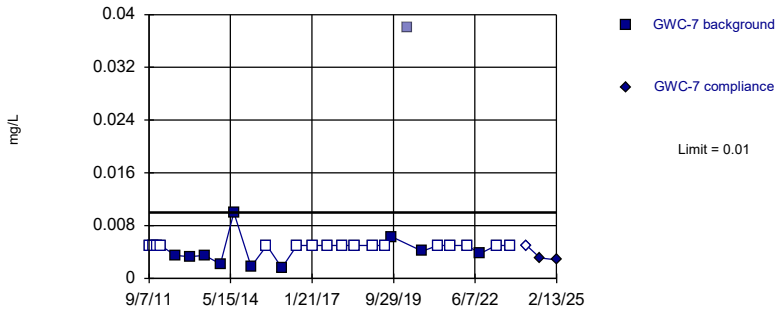
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



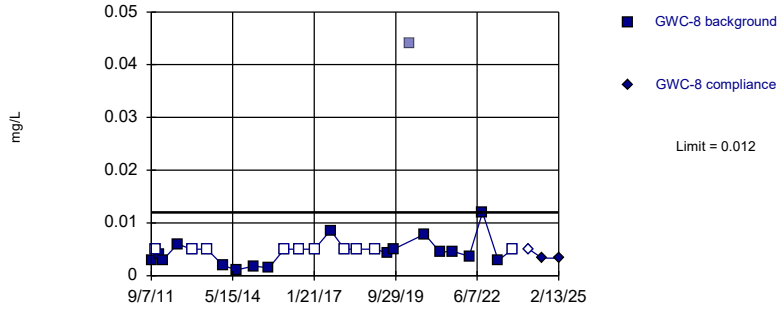
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



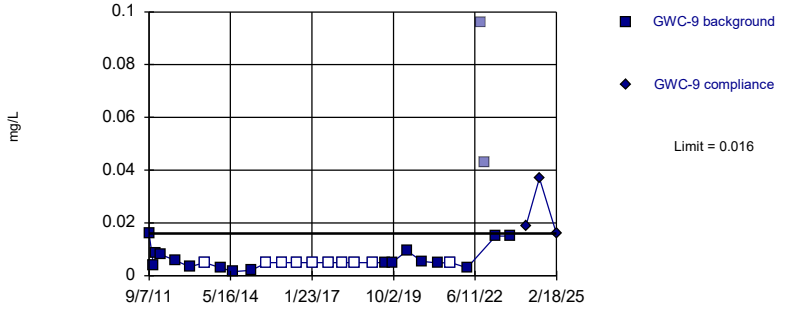
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05819, Std. Dev.=0.01903, n=27, 37.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.894. Kappa = 2.699 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



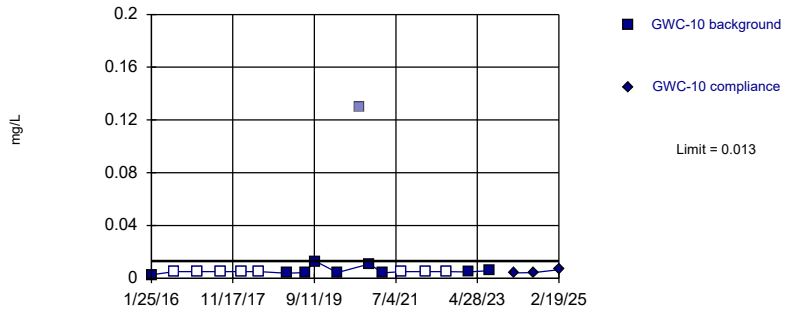
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 37.04% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



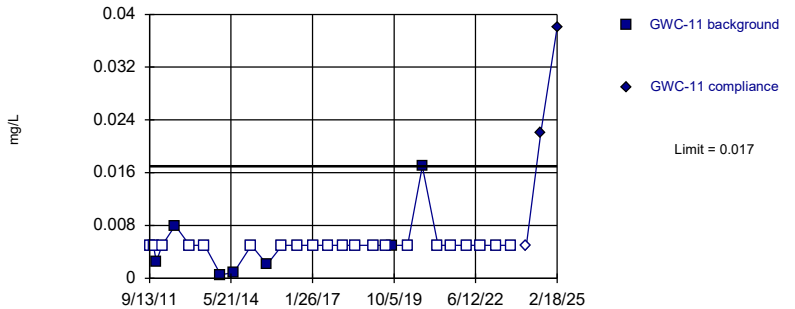
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 17 background values. 47.06% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

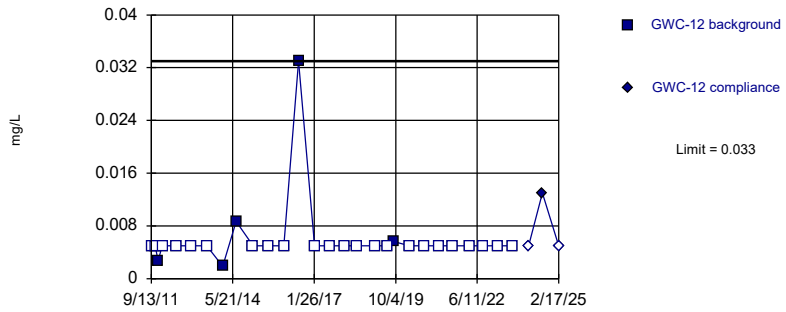
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 82.14% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

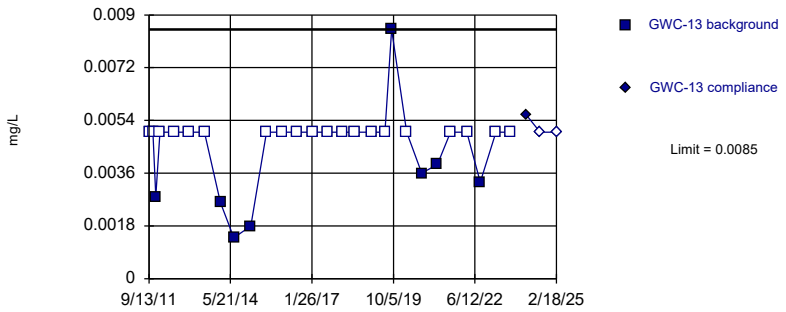
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

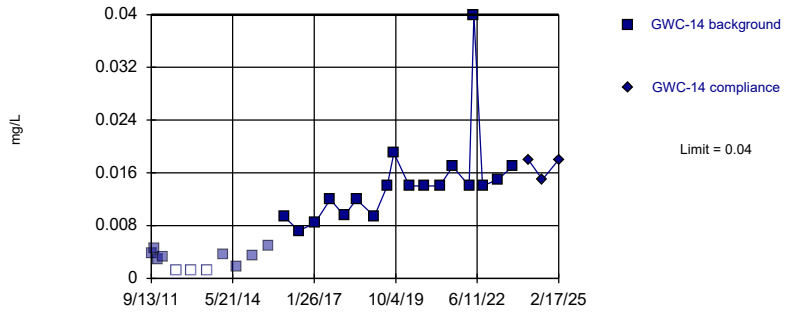
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

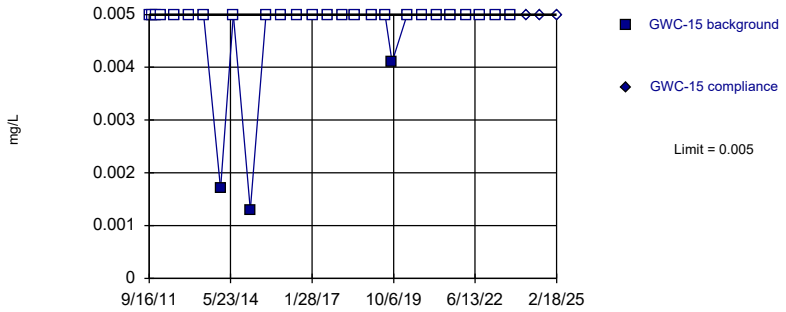
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 89.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

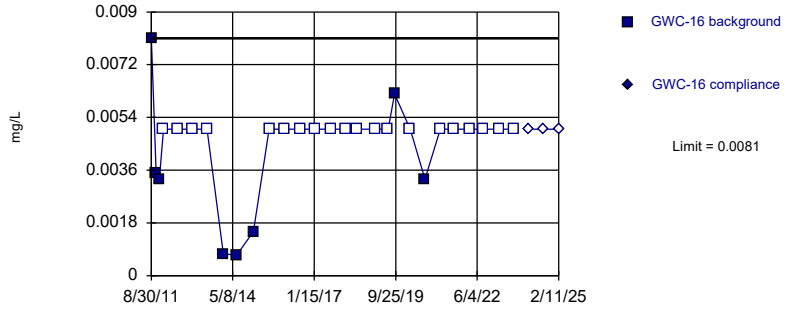
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

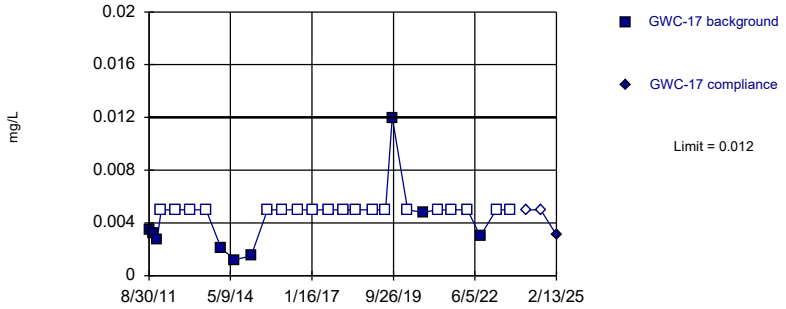
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

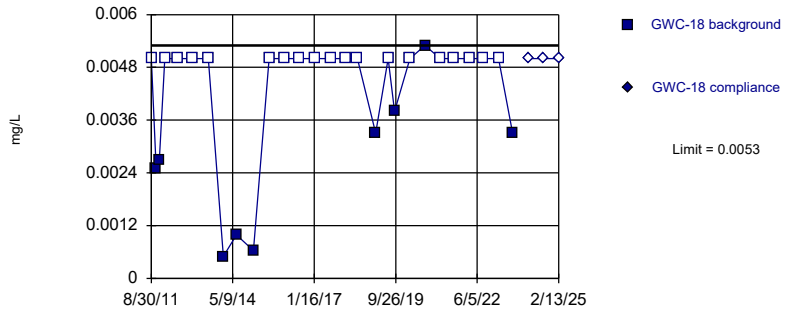
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

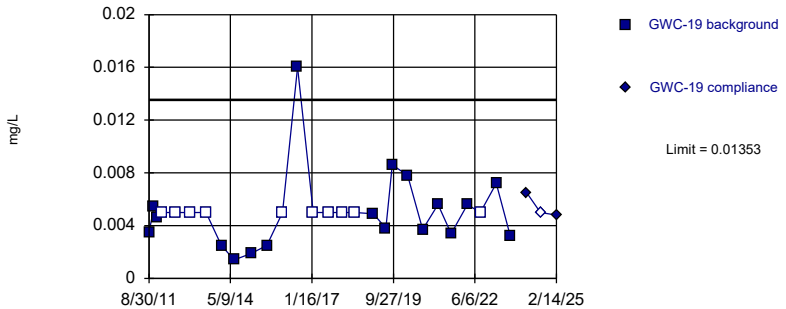
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1562, Std. Dev.=0.0306, n=28, 35.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

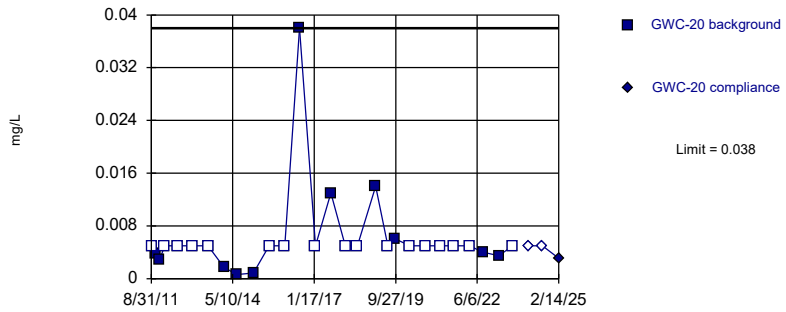
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 60.71% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

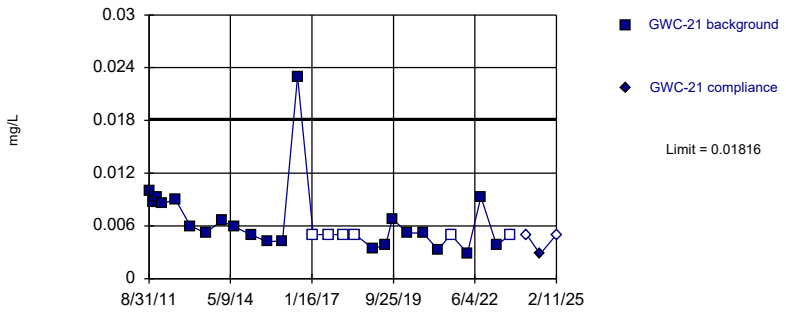
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.285, Std. Dev.=0.476, n=28, 21.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9071, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

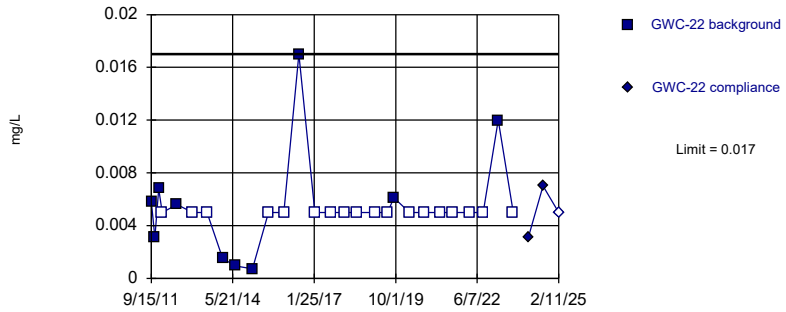
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

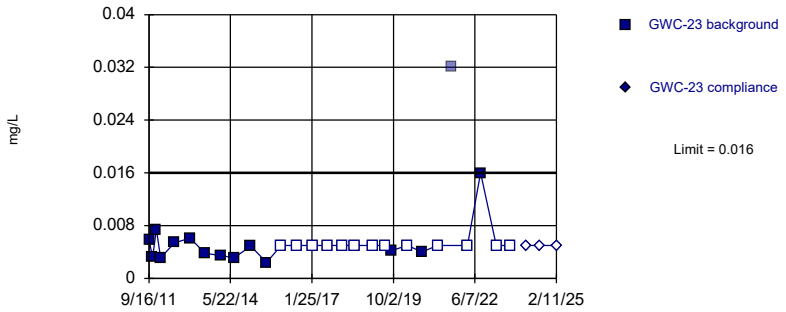
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 48.15% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

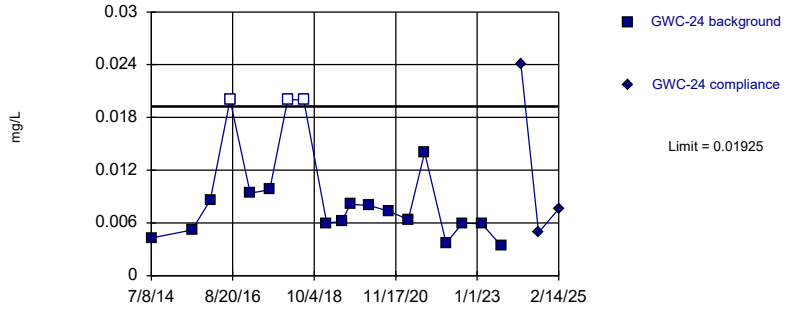
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.043, Std. Dev.=0.3746, n=19, 15.79% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9281, critical = 0.901. Kappa = 2.916 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell

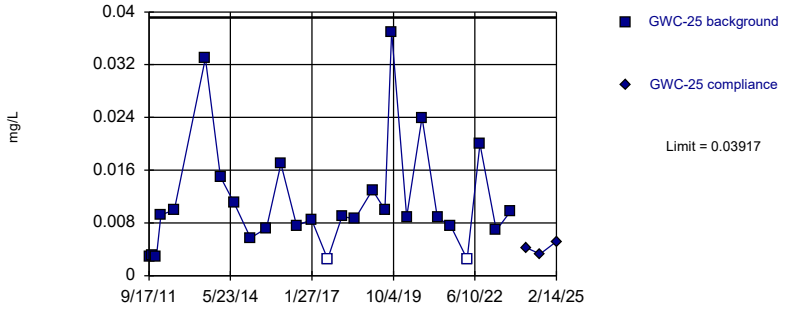
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09942, Std. Dev.=0.0365, n=27, 7.407% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9037, critical = 0.894. Kappa = 2.699 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell

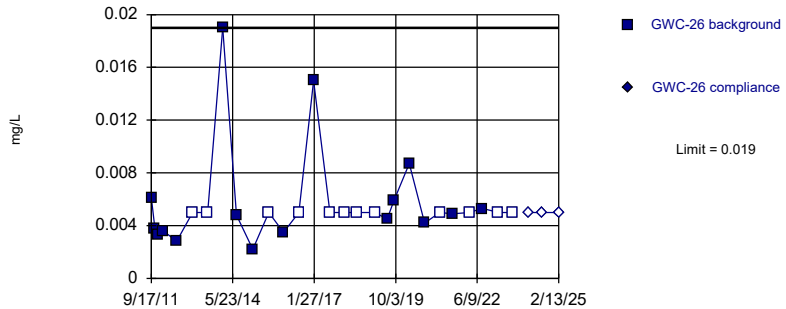
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell

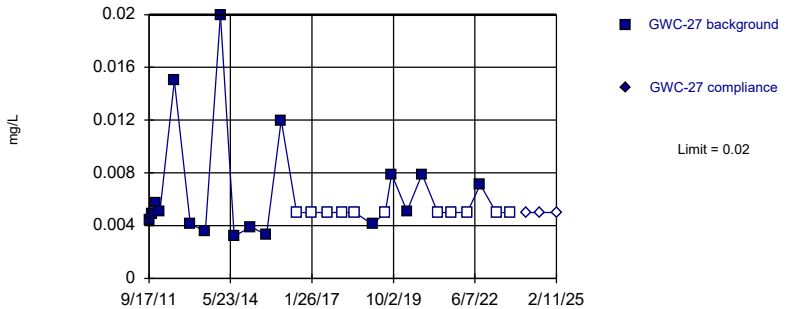
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 39.29% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell

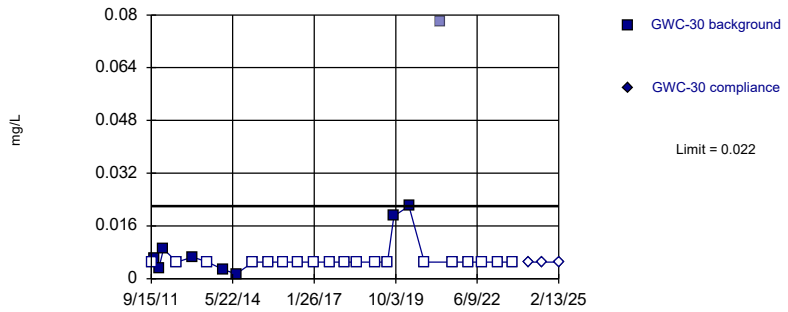
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 70.37% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

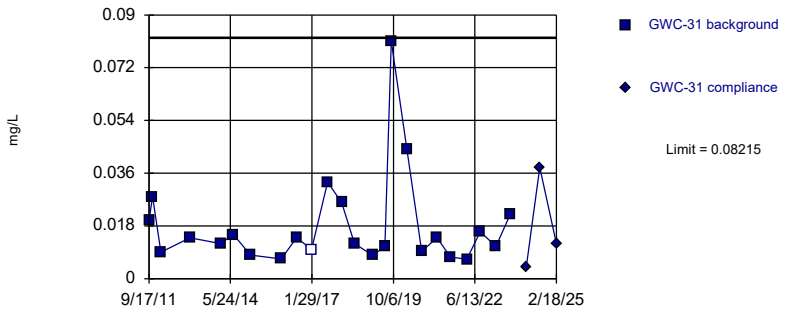
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.232, Std. Dev.=0.6277, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.884. Kappa = 2.76 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

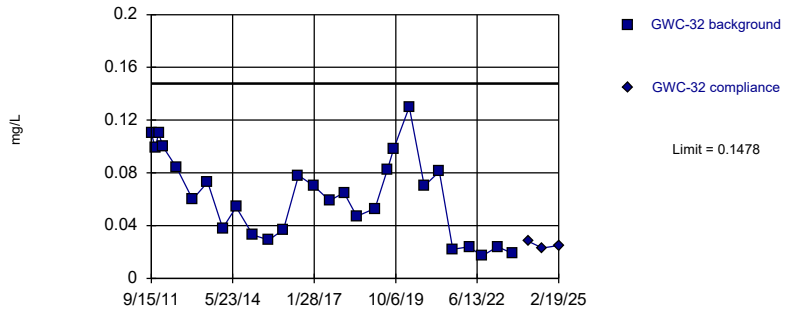
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.06307, Std. Dev.=0.03159, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9564, critical = 0.896. Kappa = 2.682 (c=16, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001135.

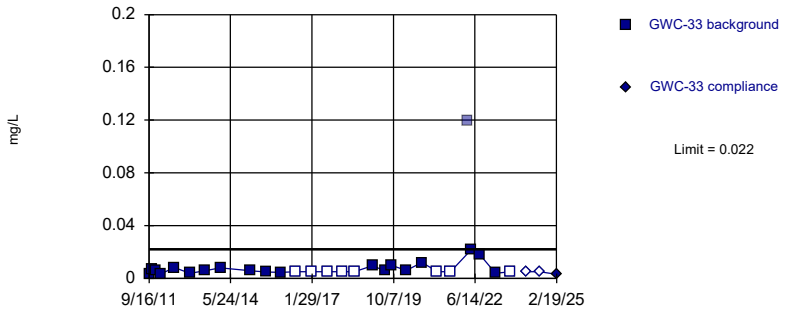
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 29.63% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

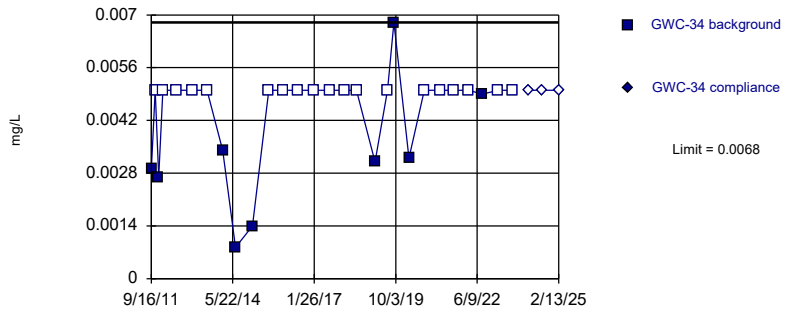
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 67.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

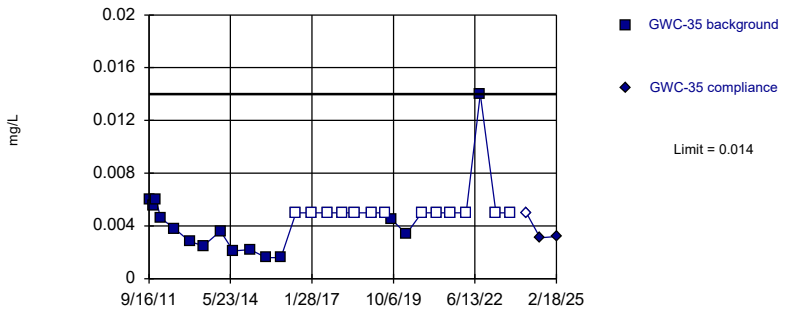
Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 46.43% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Zinc Analysis Run 4/14/2025 5:14 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.002	
10/27/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/17/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/21/2015	<0.002	
1/21/2016	<0.002	
3/23/2016	<0.002	
5/20/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/11/2016	<0.002	
1/19/2017	<0.002	
3/16/2017	<0.002	
4/28/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	<0.002	
6/24/2019	<0.002	
9/9/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	<0.002	
2/28/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	0.00037 (J)	
8/9/2023	<0.002	
2/13/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.002	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/23/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	<0.002	
1/22/2015	<0.002	
7/22/2015	<0.002	
1/20/2016	<0.002	
3/23/2016	0.00069 (J)	
5/24/2016	<0.002	
7/26/2016	0.0021 (J)	
9/16/2016	<0.002	
11/10/2016	<0.002	
1/19/2017	<0.002	
3/17/2017	<0.002	
4/28/2017	<0.002	
8/2/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	<0.002	
6/24/2019	<0.002	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/18/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/25/2012	<0.002	
7/16/2012	<0.002	
1/24/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/21/2015	<0.002	
1/22/2016	<0.002	
3/22/2016	<0.002	
5/23/2016	0.00103 (J)	
7/25/2016	0.0021 (J)	
9/15/2016	0.0012 (J)	
11/9/2016	<0.002	
1/17/2017	<0.002	
3/16/2017	<0.002	
4/27/2017	<0.002	
8/1/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	<0.002	
6/25/2019	<0.002	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/31/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002	
3/22/2016	0.00113 (J)	
5/19/2016	0.00103 (J)	
7/21/2016	0.0013 (J)	
1/17/2017	<0.002	
3/15/2017	<0.002	
4/27/2017	<0.002	
7/18/2017	<0.002	
8/1/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/18/2019	<0.002	
6/25/2019	<0.002	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	0.00047 (J)	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/9/2022	<0.002	
2/13/2023	<0.002	
8/8/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.002	
10/27/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/9/2013	<0.002	
7/17/2013	<0.002	
1/15/2014	<0.002	
6/25/2014	<0.002	
1/13/2015	<0.002	
7/24/2015	<0.002	
1/20/2016	0.0024 (J)	
3/28/2016	<0.002	
5/23/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/15/2016	<0.002	
1/26/2017	<0.002	
3/22/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	0.0004 (J)	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/16/2020	<0.002	
9/9/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
7/31/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/24/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	<0.002	
6/25/2014	<0.002	
1/20/2015	<0.002	
7/24/2015	<0.002	
1/20/2016	<0.002	
3/28/2016	<0.002	
5/24/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/16/2016	<0.002	
1/26/2017	<0.002	
3/22/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	0.00039 (J)	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/16/2020	<0.002	
9/11/2020	<0.002	
3/17/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/1/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	0.000703 (J)	
7/27/2016	<0.002	
9/16/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/31/2019	0.00048 (J)	
6/26/2019	<0.002	
9/17/2019	<0.002	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/10/2023	0.00073 (J)	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
2/9/2012	<0.002	
7/18/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	0.0023 (J)	
6/25/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/26/2016	<0.002	
3/29/2016	<0.002	
5/25/2016	<0.002	
7/25/2016	<0.002	
9/19/2016	<0.002	
11/16/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
5/2/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/26/2019	<0.002	
9/16/2019	<0.002	
3/16/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/7/2022	<0.002	
8/15/2022	<0.002	
2/21/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/6/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/27/2016	<0.002	
3/29/2016	<0.002	
5/25/2016	<0.002	
7/26/2016	<0.002	
9/15/2016	<0.002	
11/17/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	<0.002	
6/25/2019	<0.002	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/10/2020	0.00064 (J)	
3/17/2021	0.00075 (J)	
8/23/2021	<0.002	
3/8/2022	0.0011 (J)	
8/15/2022	0.0011 (J)	
2/21/2023	<0.002	
8/16/2023	0.00051 (J)	
2/19/2024		0.0027
3/27/2024		<0.002
8/5/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.002	
10/26/2011	<0.002	
12/3/2011	<0.002	
2/9/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/25/2016	0.0022 (J)	
9/19/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/27/2019	<0.002	
9/11/2019	<0.002	
3/17/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/7/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.002	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/25/2016	<0.002	
9/20/2016	<0.002	
11/17/2016	<0.002	
2/2/2017	<0.002	
3/28/2017	<0.002	
5/4/2017	<0.002	
8/7/2017	<0.002	
1/26/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/22/2023	0.00052 (J)	
8/9/2023	<0.002	
2/20/2024		0.00064 (J)
8/2/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/23/2015	<0.002	
1/26/2016	<0.002	
3/31/2016	<0.002	
5/26/2016	<0.002	
7/26/2016	0.001 (J)	
9/20/2016	<0.002	
11/17/2016	<0.002	
2/3/2017	<0.002	
3/28/2017	<0.002	
5/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/19/2021	<0.002	
3/8/2022	<0.002	
8/17/2022	<0.002	
2/14/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		0.00041 (J)
8/6/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	<0.002	
1/22/2015	<0.002	
7/29/2015	<0.002	
1/21/2016	<0.002	
3/29/2016	0.000665 (J)	
5/25/2016	<0.002	
7/27/2016	<0.002	
9/20/2016	<0.002	
11/18/2016	<0.002	
2/3/2017	<0.002	
3/28/2017	<0.002	
5/4/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/25/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/9/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.002	
7/31/2015	<0.002	
1/20/2016	<0.002	
3/30/2016	0.00174 (J)	
5/25/2016	0.00163 (J)	
7/27/2016	0.0019 (J)	
9/16/2016	0.002 (J)	
11/18/2016	0.0011 (J)	
2/3/2017	<0.002	
3/29/2017	<0.002	
5/4/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/31/2019	0.00048 (J)	
6/26/2019	<0.002	
9/11/2019	<0.002	
3/12/2020	<0.002	
9/15/2020	<0.002	
3/18/2021	<0.002	
8/19/2021	<0.002	
3/10/2022	<0.002	
8/18/2022	<0.002	
2/16/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		0.00037 (J)
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.002	
10/31/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	<0.002	
1/21/2016	<0.002	
3/28/2016	<0.002	
5/25/2016	0.00151 (J)	
7/27/2016	<0.002	
9/19/2016	<0.002	
11/15/2016	<0.002	
1/24/2017	<0.002	
3/23/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	<0.002	
3/12/2020	<0.002	
9/14/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/21/2024		<0.002
8/1/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/31/2015	<0.002	
1/25/2016	<0.002	
3/24/2016	0.000653 (J)	
5/25/2016	0.000943 (J)	
7/26/2016	<0.002	
9/19/2016	<0.002	
11/14/2016	<0.002	
1/19/2017	<0.002	
3/16/2017	<0.002	
5/1/2017	<0.002	
8/3/2017	<0.002	
1/22/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/12/2019	<0.002	
3/13/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/20/2024		<0.002
8/2/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
1/25/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	<0.002	
1/22/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/26/2016	0.0013 (J)	
9/19/2016	<0.002	
11/11/2016	<0.002	
1/20/2017	0.0014 (J)	
3/16/2017	<0.002	
4/28/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/9/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/8/2022	0.00064 (J)	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.002	
10/28/2011	<0.002	
12/13/2011	<0.002	
2/8/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	0.0014 (J)	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/19/2016	<0.002	
3/23/2016	<0.002	
5/20/2016	<0.002	
7/21/2016	<0.002	
9/20/2016	0.0012 (J)	
11/14/2016	<0.002	
1/24/2017	<0.002	
3/17/2017	<0.002	
5/1/2017	<0.002	
8/4/2017	<0.002	
1/24/2018	<0.002	
6/21/2018	<0.002	
1/30/2019	0.0004 (J)	
6/27/2019	<0.002	
9/10/2019	<0.002	
3/11/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/2/2022	<0.002	
8/10/2022	<0.002	
2/14/2023	<0.002	
8/16/2023	<0.002	
2/21/2024		<0.002
8/5/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.002	
10/31/2011	<0.002	
2/7/2012	<0.002	
1/23/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
1/25/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	0.00129 (J)	
7/27/2016	0.0027	
1/25/2017	<0.002	
3/23/2017	<0.002	
5/2/2017	<0.002	
7/19/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	<0.002	
6/27/2018	<0.002	
1/31/2019	0.00042 (J)	
6/26/2019	<0.002	
9/11/2019	<0.002	
3/17/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/25/2021	<0.002	
3/10/2022	<0.002	
8/16/2022	<0.002	
2/22/2023	<0.002	
8/16/2023	<0.002	
2/21/2024		<0.002
8/2/2024		0.00076 (J)
2/18/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.002	
10/31/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/25/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/22/2016	<0.002	
9/16/2016	<0.002	
11/15/2016	<0.002	
1/26/2017	<0.002	
3/24/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/26/2018	<0.002	
1/30/2019	0.00039 (J)	
6/27/2019	<0.002	
9/12/2019	<0.002	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/15/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/6/2024		0.00034 (J)
2/19/2025		<0.002

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.002	
10/30/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
1/20/2015	<0.002	
7/29/2015	<0.002	
1/25/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/22/2016	<0.002	
9/16/2016	<0.002	
11/17/2016	<0.002	
1/25/2017	<0.002	
3/23/2017	<0.002	
5/1/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	<0.002	
6/26/2018	<0.002	
1/30/2019	0.00055 (J)	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/16/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.001	
10/27/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/24/2013	<0.001	
7/17/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/21/2015	<0.001	
1/21/2016	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/11/2016	<0.001	
1/19/2017	<0.001	
3/16/2017	<0.001	
4/28/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	0.00054 (J)	
9/9/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/16/2021	<0.001	
2/28/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/13/2024		0.0011
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/22/2015	<0.001	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/16/2016	<0.001	
11/10/2016	<0.001	
1/19/2017	<0.001	
3/17/2017	<0.001	
4/28/2017	<0.001	
8/2/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	0.00043 (J)	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/1/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/21/2015	<0.001	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	0.00062 (J)	
9/14/2016	<0.001	
11/10/2016	<0.001	
1/17/2017	<0.001	
3/16/2017	<0.001	
4/27/2017	<0.001	
8/2/2017	<0.001	
1/22/2018	0.00068 (J)	
6/19/2018	0.0011 (J)	
1/17/2019	<0.001	
6/24/2019	0.00032 (J)	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/25/2012	<0.001	
7/16/2012	<0.001	
1/24/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/21/2015	<0.001	
1/22/2016	<0.001	
3/22/2016	<0.001	
5/23/2016	<0.001	
7/25/2016	<0.001	
9/15/2016	<0.001	
11/9/2016	<0.001	
1/17/2017	<0.001	
3/16/2017	<0.001	
4/27/2017	<0.001	
8/1/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	0.00078 (J)	
1/21/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/16/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/31/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/22/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<0.001	
3/15/2017	<0.001	
4/27/2017	0.00064 (J)	
7/18/2017	<0.001	
8/1/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	0.00095 (J)	
1/18/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/9/2022	<0.001	
2/13/2023	<0.001	
8/8/2023	<0.001	
2/14/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.001	
10/27/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/9/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	0.0014	
6/25/2018	<0.001	
1/30/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/16/2020	<0.001	
9/9/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/24/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/20/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
3/28/2016	<0.001	
5/24/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	0.00075 (J)	
6/25/2018	<0.001	
1/30/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/16/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/1/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	0.00049 (J)	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	0.0012 (J)	
6/25/2018	<0.001	
1/21/2019	<0.001	
6/25/2019	0.00035 (J)	
9/10/2019	<0.001	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	0.00052 (J)	
1/22/2019	<0.001	
6/25/2019	0.00045 (J)	
9/10/2019	0.00043 (J)	
3/12/2020	0.00049 (J)	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
7/30/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.001	
10/30/2011	<0.001	
12/4/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/25/2016	0.00046 (J)	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	0.0011 (J)	
3/23/2017	0.00076 (J)	
5/2/2017	<0.001	
8/7/2017	0.00052 (J)	
1/24/2018	<0.001	
6/21/2018	0.00095 (J)	
1/22/2019	0.00059 (J)	
6/25/2019	0.00086 (J)	
9/16/2019	0.00069 (J)	
3/16/2020	0.00065 (J)	
9/11/2020	0.0008 (J)	
3/16/2021	<0.001	
8/25/2021	0.00045 (J)	
3/9/2022	<0.001	
8/16/2022	0.00092 (J)	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/31/2024		0.0009 (J)
2/18/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	0.00165 (J)	
5/25/2016	0.00191 (J)	
7/25/2016	0.0016	
9/19/2016	0.0021	
11/16/2016	0.0012 (J)	
1/31/2017	0.001 (J)	
3/23/2017	0.00076 (J)	
5/2/2017	0.0012 (J)	
8/7/2017	0.0018	
10/13/2017	0.0028	
1/24/2018	0.0011 (J)	
6/20/2018	0.002	
1/24/2019	0.00065 (J)	
6/26/2019	0.0015	
9/16/2019	0.0018	
3/16/2020	0.0009 (J)	
9/10/2020	0.0014	
3/17/2021	0.0012	
8/23/2021	0.0014	
3/7/2022	0.00088 (J)	
8/15/2022	0.0013	
2/21/2023	<0.001	
8/14/2023	0.0013	
2/14/2024		0.0012
8/6/2024		0.0014
2/18/2025		0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/22/2016	0.00047 (J)	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	0.0024 (O)	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/26/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	0.00036 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	<0.001	
3/16/2021	0.00041 (J)	
8/19/2021	<0.001	
3/7/2022	0.0005 (J)	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/14/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/15/2016	<0.001	
11/17/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	0.00067 (J)	
5/3/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.0012 (J)	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	<0.001	
8/16/2023	<0.001	
2/19/2024		<0.001
8/5/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/14/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	0.00096 (J)	
9/15/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	0.00041 (J)	
6/25/2019	0.00048 (J)	
9/12/2019	<0.001	
3/17/2020	0.00031 (J)	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/17/2023	<0.001	
8/14/2023	0.00088 (J)	
2/19/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/16/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.00084 (J)	
1/25/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/26/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	0.00038 (J)	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/10/2023	<0.001	
2/20/2024		<0.001
8/7/2024		0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	0.00056 (J)	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	0.001 (J)	
1/28/2019	<0.001	
6/27/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/7/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	0.0013	
1/28/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00031 (J)	
8/24/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/21/2018	0.00049 (J)	
1/28/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00039 (J)	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/9/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/17/2012	<0.001	
1/9/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	0.00037 (J)	
9/11/2019	0.00047 (J)	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.00073 (J)	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00058 (J)	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/17/2022	<0.001	
2/14/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	<0.001	
11/18/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.00086 (J)	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
3/18/2021	0.00038 (J)	
8/23/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.001	
7/31/2015	<0.001	
1/20/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/16/2016	<0.001	
11/18/2016	0.00055 (J)	
2/3/2017	<0.001	
3/29/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/12/2020	<0.001	
9/15/2020	<0.001	
3/18/2021	<0.001	
8/19/2021	<0.001	
3/10/2022	<0.001	
8/18/2022	<0.001	
2/16/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/6/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.001	
10/31/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/21/2016	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/19/2016	<0.001	
11/15/2016	<0.001	
1/24/2017	0.00061 (J)	
3/23/2017	<0.001	
5/2/2017	0.00085 (J)	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	0.00041 (J)	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/31/2015	<0.001	
1/25/2016	<0.001	
3/24/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/14/2016	<0.001	
1/19/2017	<0.001	
3/16/2017	<0.001	
5/1/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	0.00054 (J)	
6/27/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/13/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/16/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.001	
10/31/2011	<0.001	
2/7/2012	<0.001	
1/23/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
1/25/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	0.00055 (J)	
1/25/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
7/19/2017	0.00055 (J)	
8/4/2017	<0.001	
1/23/2018	0.0012 (J)	
6/27/2018	<0.001	
1/31/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	0.00032 (J)	
3/17/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/25/2021	<0.001	
3/10/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/16/2023	<0.001	
2/21/2024		<0.001
8/2/2024		0.0011
2/18/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.001	
10/31/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/20/2015	<0.001	
7/30/2015	<0.001	
1/25/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	<0.001	
9/16/2016	<0.001	
11/15/2016	<0.001	
1/26/2017	<0.001	
3/24/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	0.00078 (J)	
6/26/2018	<0.001	
1/30/2019	<0.001	
6/27/2019	<0.001	
9/12/2019	0.00034 (J)	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/15/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.001	
10/30/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
1/20/2015	<0.001	
7/29/2015	<0.001	
1/25/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	<0.001	
9/16/2016	<0.001	
11/17/2016	<0.001	
1/25/2017	<0.001	
3/23/2017	<0.001	
5/1/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	0.0013	
6/26/2018	<0.001	
1/30/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/16/2020	<0.001	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.001	
10/31/2011	<0.001	
12/12/2011	<0.001	
2/1/2012	<0.001	
7/16/2012	<0.001	
1/22/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
3/24/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	<0.001	
5/1/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	0.0012 (J)	
6/20/2018	0.001 (J)	
1/28/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/11/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/2/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/5/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.001	
10/31/2011	<0.001	
12/12/2011	<0.001	
2/1/2012	<0.001	
7/16/2012	<0.001	
1/22/2013	<0.001	
7/2/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/28/2015	<0.001	
1/21/2016	<0.001	
3/24/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	0.001 (J)	
6/19/2018	<0.001	
1/21/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/5/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	0.013	
10/27/2011	0.012	
12/13/2011	0.012	
1/31/2012	0.011	
7/18/2012	0.012	
1/24/2013	0.012	
7/17/2013	0.0097	
1/21/2014	0.0096	
6/25/2014	0.0094	
1/14/2015	0.0095	
7/21/2015	0.0099	
1/21/2016	0.011	
3/23/2016	0.00968 (J)	
5/20/2016	0.0096 (J)	
7/21/2016	0.0087	
9/15/2016	0.0086	
11/11/2016	0.0095	
1/19/2017	0.0087	
3/16/2017	0.01	
4/28/2017	0.0091	
8/3/2017	0.0099	
1/19/2018	0.0089	
6/19/2018	0.012	
1/17/2019	0.01	
6/24/2019	0.0096 (J)	
9/9/2019	0.012	
3/10/2020	0.01	
9/9/2020	0.01	
3/15/2021	0.01	
8/16/2021	0.01	
2/28/2022	0.01	
8/9/2022	0.012	
2/14/2023	0.011	
8/9/2023	0.011	
2/13/2024		0.012
7/30/2024		0.011
2/11/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	0.011	
10/27/2011	0.013	
12/14/2011	0.01	
2/7/2012	0.014	
7/23/2012	0.014	
1/23/2013	0.02	
7/24/2013	0.016	
1/22/2014	0.017	
7/1/2014	0.015	
1/22/2015	0.019	
7/22/2015	0.014	
1/20/2016	0.016	
3/23/2016	0.00773 (J)	
5/24/2016	0.00761 (J)	
7/26/2016	0.0078	
9/16/2016	0.017	
11/10/2016	0.016	
1/19/2017	0.02	
3/17/2017	0.016	
4/28/2017	0.016	
8/2/2017	0.014	
1/19/2018	0.014	
6/19/2018	0.015	
1/17/2019	0.01	
6/24/2019	0.011	
9/10/2019	0.015	
3/10/2020	0.01	
9/10/2020	0.012	
3/15/2021	0.011	
8/18/2021	0.014	
3/1/2022	0.012	
8/9/2022	0.015	
2/14/2023	0.011	
8/9/2023	0.014	
2/14/2024		0.014
7/30/2024		0.014
2/11/2025		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	0.092	
10/27/2011	0.061	
12/14/2011	0.1	
2/1/2012	0.087	
7/23/2012	0.13	
1/23/2013	0.11	
7/17/2013	0.087	
1/15/2014	0.081	
6/25/2014	0.081	
1/14/2015	0.13	
7/21/2015	0.11	
1/20/2016	0.086	
3/23/2016	0.112	
5/19/2016	0.11	
7/21/2016	0.14	
9/14/2016	0.15	
11/10/2016	0.17	
1/17/2017	0.18	
3/16/2017	0.15	
4/27/2017	0.13	
8/2/2017	0.15	
1/22/2018	0.15	
6/19/2018	0.13	
1/17/2019	0.12	
6/24/2019	0.12	
9/10/2019	0.16	
3/10/2020	0.14	
9/9/2020	0.12	
3/15/2021	0.13	
8/18/2021	0.12	
3/1/2022	0.12	
8/9/2022	0.12	
2/14/2023	0.12	
8/9/2023	0.14	
2/14/2024		0.19
7/29/2024		0.15
2/10/2025		0.16

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	0.0022	
10/28/2011	0.0016	
12/12/2011	0.0018	
1/25/2012	<0.01	
7/16/2012	0.0011	
1/24/2013	<0.01	
7/23/2013	<0.01	
1/22/2014	0.0013	
7/1/2014	0.0012 (J)	
1/21/2015	0.00042 (J)	
7/21/2015	0.00055 (J)	
1/22/2016	0.00037 (J)	
3/22/2016	<0.01	
5/23/2016	<0.01	
7/25/2016	0.001 (J)	
9/15/2016	0.00092 (J)	
11/9/2016	0.0016 (J)	
1/17/2017	<0.01	
3/16/2017	0.00055 (J)	
4/27/2017	<0.01	
8/1/2017	0.00059 (J)	
1/19/2018	<0.01	
6/19/2018	<0.01	
1/21/2019	0.00088	
6/25/2019	<0.01	
9/10/2019	0.0022 (J)	
3/10/2020	0.0018 (J)	
9/9/2020	<0.01	
3/15/2021	<0.01	
8/16/2021	<0.01	
3/1/2022	<0.01	
8/9/2022	<0.01	
2/14/2023	0.001 (J)	
8/9/2023	0.01	
2/14/2024		<0.01
7/29/2024		<0.01
2/10/2025		0.0027 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	0.0016	
10/28/2011	0.0015	
12/12/2011	0.0013	
1/31/2012	<0.01	
7/17/2012	0.0016	
1/24/2013	0.0013	
7/24/2013	0.0022	
1/22/2014	0.0012 (J)	
7/8/2014	0.0013	
1/21/2015	0.0015	
7/22/2015	0.0014	
1/19/2016	0.00092 (J)	
3/22/2016	<0.01	
5/19/2016	0.00265 (J)	
7/21/2016	0.0038	
1/17/2017	0.0011 (J)	
3/15/2017	0.00085 (J)	
4/27/2017	0.00097 (J)	
7/18/2017	0.0016 (J)	
8/1/2017	0.0011 (J)	
1/19/2018	0.00076 (J)	
6/19/2018	0.00078 (J)	
1/18/2019	0.0007 (J)	
6/25/2019	<0.01	
9/10/2019	0.0033 (J)	
3/10/2020	<0.01	
9/9/2020	<0.01	
3/15/2021	<0.01	
8/18/2021	<0.01	
3/2/2022	<0.01	
8/9/2022	0.0011 (J)	
2/13/2023	<0.01	
8/8/2023	0.00089 (J)	
2/14/2024		<0.01
7/30/2024		<0.01
2/11/2025		<0.01

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	0.024	
10/27/2011	0.026	
12/5/2011	0.024	
1/25/2012	0.028	
7/18/2012	0.026	
1/9/2013	0.029	
7/17/2013	0.022	
1/15/2014	0.023	
6/25/2014	0.02	
1/13/2015	0.023	
7/24/2015	0.018	
1/20/2016	0.027	
3/28/2016	0.0207	
5/23/2016	0.0191	
7/21/2016	0.018	
9/15/2016	0.037	
11/15/2016	0.024	
1/26/2017	0.025	
3/22/2017	0.02	
5/2/2017	0.02	
8/3/2017	0.025	
1/23/2018	0.027	
6/25/2018	0.02	
1/30/2019	0.016	
6/26/2019	0.02	
9/12/2019	0.03	
3/16/2020	0.023	
9/9/2020	0.024	
3/17/2021	0.021	
8/19/2021	0.025	
3/2/2022	0.024	
8/11/2022	0.023	
2/20/2023	0.026	
8/14/2023	0.025	
2/14/2024		0.032
7/31/2024		0.03
2/14/2025		0.039

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.064	
10/30/2011	0.06	
12/5/2011	0.061	
1/25/2012	0.064	
7/24/2012	0.054	
1/8/2013	0.063	
7/9/2013	0.051	
1/15/2014	0.06	
6/25/2014	0.045	
1/20/2015	0.048	
7/24/2015	0.051	
1/20/2016	0.051	
3/28/2016	0.0506	
5/24/2016	0.052	
7/21/2016	0.049	
9/15/2016	0.062	
11/16/2016	0.062	
1/26/2017	0.062	
3/22/2017	0.048	
5/2/2017	0.043	
8/3/2017	0.049	
1/23/2018	0.05	
6/25/2018	0.053	
1/30/2019	0.054	
6/26/2019	0.045	
9/12/2019	0.074	
3/16/2020	0.045	
9/11/2020	0.064	
3/17/2021	0.059	
8/18/2021	0.061	
3/2/2022	0.054	
8/11/2022	0.066	
2/20/2023	0.059	
8/14/2023	0.06	
2/14/2024		0.06
8/1/2024		0.074
2/18/2025		0.064

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	0.06	
10/30/2011	0.053	
12/5/2011	0.059	
1/25/2012	0.068	
7/18/2012	0.098	
1/7/2013	0.13	
7/9/2013	0.13	
1/14/2014	0.14	
6/24/2014	0.13	
1/20/2015	0.13	
7/27/2015	0.11	
1/26/2016	0.11	
3/29/2016	0.109	
5/24/2016	0.0996	
7/22/2016	0.089	
9/15/2016	0.097	
11/16/2016	0.11	
1/26/2017	0.097	
3/22/2017	0.083	
5/2/2017	0.088	
8/4/2017	0.088	
1/23/2018	0.094	
6/25/2018	0.078	
1/21/2019	0.083	
6/25/2019	0.075	
9/10/2019	0.086	
3/12/2020	0.072	
9/14/2020	0.074	
3/16/2021	0.066	
8/19/2021	0.069	
3/2/2022	0.071	
8/11/2022	0.062	
2/21/2023	0.071	
8/9/2023	0.066	
2/21/2024		0.066
8/1/2024		0.07
2/13/2025		0.062

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	0.088	
10/30/2011	0.092	
12/5/2011	0.11	
1/19/2012	0.084	
7/18/2012	0.11	
1/7/2013	0.095	
7/9/2013	0.085	
1/14/2014	0.066	
6/24/2014	0.078	
1/20/2015	0.053	
7/27/2015	0.055	
1/26/2016	0.044	
3/29/2016	0.05	
5/24/2016	0.051	
7/26/2016	0.044	
9/19/2016	0.043	
11/16/2016	0.053	
1/26/2017	0.043	
3/23/2017	0.053	
5/3/2017	0.047	
8/7/2017	0.048	
1/24/2018	0.038	
6/21/2018	0.058	
1/22/2019	0.04	
6/25/2019	0.06	
9/10/2019	0.066	
3/12/2020	0.031	
9/14/2020	0.052	
3/16/2021	0.037	
8/20/2021	0.044	
3/2/2022	0.037	
8/11/2022	0.037	
2/15/2023	0.027	
8/9/2023	0.041	
2/21/2024		0.029
7/30/2024		0.036
2/13/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.13	
10/30/2011	0.02	
12/4/2011	0.11	
1/19/2012	0.15	
7/18/2012	0.11	
1/8/2013	0.14	
7/9/2013	0.13	
1/14/2014	0.099	
6/24/2014	0.2	
1/20/2015	0.12	
7/27/2015	0.17	
1/26/2016	0.088	
3/29/2016	0.11	
5/24/2016	0.17	
7/25/2016	0.17	
9/19/2016	0.18	
11/16/2016	0.18	
1/31/2017	0.1	
3/23/2017	0.12	
5/2/2017	0.11	
8/7/2017	0.17	
1/24/2018	0.14	
6/21/2018	0.16	
1/22/2019	0.11	
6/25/2019	0.18	
9/16/2019	0.18	
3/16/2020	0.079	
9/11/2020	0.15	
3/16/2021	0.099	
8/25/2021	0.14	
3/9/2022	0.094	
8/16/2022	0.16	
2/15/2023	0.076	
8/9/2023	0.15	
2/19/2024		0.072
7/31/2024		0.11
2/18/2025		0.07

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.014	
3/30/2016	0.0127	
5/25/2016	0.014	
7/27/2016	0.03	
9/16/2016	0.017	
11/17/2016	0.028	
2/1/2017	0.023	
3/24/2017	0.012	
5/3/2017	0.024	
8/8/2017	0.014	
1/25/2018	0.025	
6/21/2018	0.023	
1/31/2019	0.025	
6/26/2019	0.02	
9/17/2019	0.026	
3/17/2020	0.025	
9/10/2020	0.029	
3/18/2021	0.013	
8/20/2021	0.017	
3/8/2022	0.013	
8/16/2022	0.011	
2/15/2023	0.017	
8/10/2023	0.017	
2/20/2024		0.018
7/31/2024		0.02
2/19/2025		0.026

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	0.2	
10/28/2011	0.27	
12/4/2011	0.22	
2/9/2012	0.19	
7/18/2012	0.36	
1/8/2013	0.2	
7/9/2013	0.26	
1/15/2014	0.21	
6/25/2014	0.44	
1/21/2015	0.31	
7/28/2015	0.38	
1/26/2016	0.15	
3/29/2016	0.372	
5/25/2016	0.396	
7/25/2016	0.25	
9/19/2016	0.33	
11/16/2016	0.29	
1/31/2017	0.19	
3/23/2017	0.24	
5/2/2017	0.34	
8/7/2017	0.4	
1/24/2018	0.27	
6/20/2018	0.31	
1/24/2019	0.09	
6/26/2019	0.26	
9/16/2019	0.35	
3/16/2020	0.066	
9/10/2020	0.27	
3/17/2021	0.26	
8/23/2021	0.23	
3/7/2022	0.16	
8/15/2022	0.22	
2/21/2023	0.076	
8/14/2023	0.19	
2/14/2024		0.16
8/6/2024		0.21
2/18/2025		0.2

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	0.013	
10/28/2011	0.0092	
12/4/2011	0.0089	
1/24/2012	0.0099	
7/11/2012	0.0099	
1/8/2013	0.012	
7/10/2013	0.014	
1/21/2014	0.014	
7/1/2014	0.014	
1/21/2015	0.016	
7/28/2015	0.013	
1/26/2016	0.014	
3/29/2016	0.0179	
5/25/2016	0.0173	
7/22/2016	0.017	
9/15/2016	0.017	
11/16/2016	0.018	
1/31/2017	0.022	
3/23/2017	0.019	
5/3/2017	0.02	
8/7/2017	0.021	
1/24/2018	0.022	
6/26/2018	0.021	
1/25/2019	0.024	
6/26/2019	0.02	
9/11/2019	0.022	
3/18/2020	0.023	
9/10/2020	0.025	
3/16/2021	0.026	
8/19/2021	0.023	
3/7/2022	0.025	
8/16/2022	0.025	
2/15/2023	0.029	
8/14/2023	0.025	
2/20/2024		0.027
8/6/2024		0.028
2/17/2025		0.03

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	0.0043	
10/28/2011	0.0041	
12/4/2011	0.0037	
1/24/2012	0.0042	
7/11/2012	0.0038	
1/8/2013	0.0034	
7/10/2013	0.0035	
1/21/2014	0.0037	
7/1/2014	0.0035	
1/21/2015	0.0031	
7/28/2015	0.0039	
1/27/2016	0.0026	
3/29/2016	0.00337 (J)	
5/25/2016	0.0028 (J)	
7/26/2016	0.0023 (J)	
9/15/2016	0.0026	
11/17/2016	0.0027	
1/31/2017	0.0029	
3/23/2017	0.0032	
5/3/2017	0.0028	
8/4/2017	0.0032	
1/25/2018	0.0037	
6/20/2018	0.0035	
1/22/2019	0.0029	
6/25/2019	0.0069 (J)	
9/12/2019	0.0054 (J)	
3/12/2020	0.0026 (J)	
9/10/2020	0.0041 (J)	
3/17/2021	0.0039 (J)	
8/23/2021	0.0031 (J)	
3/8/2022	0.0034 (J)	
8/15/2022	0.0042 (J)	
2/21/2023	0.0033 (J)	
8/16/2023	0.0041 (J)	
2/19/2024		0.0078 (J)
8/5/2024		0.0033 (J)
2/18/2025		0.0038 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	0.01	
10/27/2011	0.019	
12/3/2011	0.011	
1/24/2012	0.015	
7/11/2012	0.01	
1/8/2013	0.013	
7/10/2013	0.014	
1/21/2014	0.021	
7/1/2014	0.014	
1/14/2015	0.033	
7/22/2015	0.072	
1/27/2016	0.083	
3/30/2016	0.0943	
5/25/2016	0.117	
7/26/2016	0.11	
9/15/2016	0.16	
11/17/2016	0.27	
2/1/2017	0.088	
3/23/2017	0.11	
5/3/2017	0.1	
8/7/2017	0.23	
1/25/2018	0.1	
6/20/2018	0.25	
1/22/2019	0.15	
6/25/2019	0.16	
9/12/2019	0.32	
3/17/2020	0.23	
9/10/2020	0.24	
3/17/2021	0.26	
8/23/2021	0.17	
3/7/2022	0.23	
8/16/2022	0.24	
2/17/2023	0.17	
8/14/2023	0.14	
2/19/2024		0.23
8/6/2024		0.23
2/17/2025		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	0.0061	
10/27/2011	0.0068	
12/3/2011	0.0067	
2/9/2012	0.0066	
7/11/2012	0.0064	
1/8/2013	0.0075	
7/2/2013	0.011	
1/21/2014	0.012	
6/24/2014	0.0094	
1/14/2015	0.01	
7/22/2015	0.0084	
1/27/2016	0.012	
3/30/2016	0.0136	
5/25/2016	0.00957 (J)	
7/26/2016	0.0068	
9/20/2016	0.007	
11/17/2016	0.0072	
2/1/2017	0.009	
3/23/2017	0.011	
5/3/2017	0.0092	
8/4/2017	0.01	
1/25/2018	0.01	
6/20/2018	0.011	
1/22/2019	0.012	
6/25/2019	0.0096 (J)	
9/17/2019	0.0072 (J)	
3/16/2020	0.012	
9/10/2020	0.0076 (J)	
3/18/2021	0.011	
8/24/2021	0.0075 (J)	
3/7/2022	0.011	
8/16/2022	0.0076 (J)	
2/21/2023	0.011	
8/14/2023	0.0079 (J)	
2/21/2024		0.0095 (J)
8/6/2024		0.0077 (J)
2/18/2025		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	0.018	
10/26/2011	0.017	
12/3/2011	0.018	
1/25/2012	0.017	
7/11/2012	0.017	
1/8/2013	0.019	
7/2/2013	0.017	
1/14/2014	0.017	
6/25/2014	0.017	
1/13/2015	0.017	
7/22/2015	0.017	
1/27/2016	0.016	
3/30/2016	0.0174	
5/25/2016	0.0173	
7/27/2016	0.016	
9/16/2016	0.016	
11/17/2016	0.017	
2/1/2017	0.018	
3/24/2017	0.017	
5/3/2017	0.017	
8/7/2017	0.017	
1/25/2018	0.016	
6/20/2018	0.017	
1/25/2019	0.019	
6/25/2019	0.018	
9/11/2019	0.02	
3/17/2020	0.019	
9/11/2020	0.018	
3/17/2021	0.017	
8/20/2021	0.018	
3/8/2022	0.018	
8/16/2022	0.018	
2/20/2023	0.018	
8/14/2023	0.018	
2/21/2024		0.02
8/5/2024		0.019
2/11/2025		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	0.021	
10/26/2011	0.014	
12/3/2011	0.015	
1/25/2012	0.014	
7/11/2012	0.015	
1/8/2013	0.017	
7/16/2013	0.013	
1/14/2014	0.015	
6/25/2014	0.016	
1/14/2015	0.017	
7/28/2015	0.016	
1/27/2016	0.016	
3/30/2016	0.0178	
5/25/2016	0.0169	
7/27/2016	0.016	
9/19/2016	0.016	
11/17/2016	0.017	
2/1/2017	0.017	
3/24/2017	0.016	
5/3/2017	0.016	
8/7/2017	0.017	
1/25/2018	0.015	
6/26/2018	0.017	
1/24/2019	0.016	
6/25/2019	0.017	
9/11/2019	0.018	
3/17/2020	0.017	
9/14/2020	0.016	
3/16/2021	0.015	
8/20/2021	0.016	
3/8/2022	0.016	
8/11/2022	0.017	
2/20/2023	0.025	
8/10/2023	0.019	
2/20/2024		0.027
8/7/2024		0.023
2/13/2025		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	0.033	
10/26/2011	0.028	
12/3/2011	0.03	
2/9/2012	0.029	
7/11/2012	0.03	
1/8/2013	0.036	
7/16/2013	0.034	
1/14/2014	0.037	
6/24/2014	0.032	
1/13/2015	0.034	
7/23/2015	0.03	
1/27/2016	0.032	
3/30/2016	0.0349	
5/26/2016	0.0323	
7/25/2016	0.031	
9/19/2016	0.028	
11/17/2016	0.033	
2/1/2017	0.037	
3/24/2017	0.037	
5/3/2017	0.034	
8/7/2017	0.035	
1/25/2018	0.033	
6/21/2018	0.033	
1/28/2019	0.037	
6/27/2019	0.035	
9/11/2019	0.04	
3/17/2020	0.039	
9/14/2020	0.041	
3/16/2021	0.038	
8/24/2021	0.04	
3/8/2022	0.04	
8/11/2022	0.036	
2/20/2023	0.043	
8/9/2023	0.045	
2/21/2024		0.045
8/7/2024		0.046
2/13/2025		0.045

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	0.037	
10/26/2011	0.037	
12/3/2011	0.037	
2/8/2012	0.048	
7/11/2012	0.035	
1/8/2013	0.059	
7/16/2013	0.069	
1/21/2014	0.075	
6/24/2014	0.066	
1/13/2015	0.076	
7/23/2015	0.05	
1/27/2016	0.092	
3/30/2016	0.0986	
5/26/2016	0.0687	
7/25/2016	0.047	
9/19/2016	0.039	
11/17/2016	0.046	
2/2/2017	0.085	
3/24/2017	0.079	
5/3/2017	0.1	
8/7/2017	0.06	
1/25/2018	0.094	
6/21/2018	0.09	
1/28/2019	0.12	
6/26/2019	0.077	
9/12/2019	0.058	
3/18/2020	0.13	
9/15/2020	0.067	
3/17/2021	0.12	
8/24/2021	0.07	
3/8/2022	0.12	
8/11/2022	0.054	
2/21/2023	0.15	
8/9/2023	0.062	
2/21/2024		0.15
8/6/2024		0.064
2/14/2025		0.12

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	0.038	
10/27/2011	0.034	
12/4/2011	0.033	
2/8/2012	0.037	
7/11/2012	0.035	
1/8/2013	0.034	
7/16/2013	0.034	
1/21/2014	0.035	
6/24/2014	0.034	
1/13/2015	0.031	
7/23/2015	0.036	
1/27/2016	0.03	
3/30/2016	0.0344	
5/26/2016	0.0336	
7/25/2016	0.03	
9/20/2016	0.035	
11/17/2016	0.034	
2/2/2017	0.035	
3/28/2017	0.031	
5/4/2017	0.035	
8/7/2017	0.033	
1/26/2018	0.038	
6/21/2018	0.031	
1/28/2019	0.033	
6/25/2019	0.034	
9/11/2019	0.035	
3/18/2020	0.031	
9/15/2020	0.035	
3/16/2021	0.032	
8/24/2021	0.032	
3/7/2022	0.032	
8/16/2022	0.031	
2/22/2023	0.032	
8/9/2023	0.035	
2/20/2024		0.037
8/2/2024		0.039
2/14/2025		0.04

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	0.015	
10/27/2011	0.01	
12/4/2011	0.011	
2/8/2012	0.013	
7/17/2012	0.013	
1/9/2013	0.013	
7/16/2013	0.023	
1/21/2014	0.026	
6/24/2014	0.027	
1/13/2015	0.024	
7/23/2015	0.024	
1/26/2016	0.026	
3/30/2016	0.0293	
5/26/2016	0.0237	
7/26/2016	0.016	
9/20/2016	0.014	
11/17/2016	0.012	
2/2/2017	0.014	
3/28/2017	0.021	
5/4/2017	0.02	
8/7/2017	0.027	
1/26/2018	0.032	
6/20/2018	0.033	
1/24/2019	0.046	
6/25/2019	0.046	
9/11/2019	0.028	
3/18/2020	0.056	
9/15/2020	0.045	
3/16/2021	0.061	
8/19/2021	0.062	
3/7/2022	0.063	
8/16/2022	0.042	
2/21/2023	0.052	
8/9/2023	0.052	
2/19/2024		0.049
7/30/2024		0.043
2/11/2025		0.052

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	0.025	
10/29/2011	0.024	
12/13/2011	0.027	
1/25/2012	0.029	
7/18/2012	0.027	
1/22/2013	0.029	
7/16/2013	0.025	
1/21/2014	0.027	
6/25/2014	0.025	
1/14/2015	0.025	
7/23/2015	0.025	
1/26/2016	0.023	
3/31/2016	0.0249	
5/26/2016	0.0235	
7/26/2016	0.021	
9/20/2016	0.026	
11/17/2016	0.025	
2/3/2017	0.027	
3/28/2017	0.024	
5/3/2017	0.025	
8/8/2017	0.025	
1/25/2018	0.027	
6/20/2018	0.026	
1/24/2019	0.026	
6/25/2019	0.026	
9/10/2019	0.027	
3/18/2020	0.025	
9/10/2020	0.024	
3/15/2021	0.025	
8/19/2021	0.024	
3/8/2022	0.026	
8/17/2022	0.022	
2/14/2023	0.024	
8/14/2023	0.024	
2/14/2024		0.027
8/6/2024		0.025
2/11/2025		0.026

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	0.011	
10/29/2011	0.0075	
12/13/2011	0.011	
1/31/2012	0.009	
7/18/2012	0.0076	
1/22/2013	0.0078	
7/23/2013	0.0075	
1/22/2014	0.004	
7/1/2014	0.0066	
1/22/2015	0.0067	
7/29/2015	0.0064	
1/21/2016	0.0055	
3/29/2016	0.0114	
5/25/2016	0.00579 (J)	
7/27/2016	0.0043	
9/20/2016	0.0056	
11/18/2016	0.0043	
2/3/2017	0.005	
3/28/2017	0.0041	
5/4/2017	0.0063	
8/8/2017	0.006	
1/25/2018	0.0048	
6/20/2018	0.0047	
1/25/2019	0.0069	
6/26/2019	0.0041 (J)	
9/12/2019	0.0053 (J)	
3/18/2020	0.0055 (J)	
9/10/2020	0.0059 (J)	
3/18/2021	0.005 (J)	
8/23/2021	0.0053 (J)	
3/9/2022	0.0041 (J)	
8/16/2022	0.0049 (J)	
2/21/2023	0.005 (J)	
8/15/2023	0.0047 (J)	
2/19/2024		0.0047 (J)
7/30/2024		0.0052 (J)
2/11/2025		0.0053 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	0.022	
7/31/2015	0.02	
1/20/2016	0.026	
3/30/2016	0.00874 (J)	
5/25/2016	0.00545 (J)	
7/27/2016	0.0047	
9/16/2016	0.018	
11/18/2016	0.022	
2/3/2017	0.02	
3/29/2017	0.02	
5/4/2017	0.023	
8/8/2017	0.026	
1/25/2018	0.021	
6/27/2018	0.011	
1/31/2019	0.011	
6/26/2019	0.0093 (J)	
9/11/2019	0.02	
3/12/2020	0.0082 (J)	
9/15/2020	0.011	
3/18/2021	0.0099 (J)	
8/19/2021	0.013	
3/10/2022	0.0095 (J)	
8/18/2022	0.014	
2/16/2023	0.013	
8/16/2023	0.011	
2/22/2024		0.022
8/6/2024		0.022
2/14/2025		0.025

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.016	
10/31/2011	0.013	
12/14/2011	0.018	
2/7/2012	0.033	
7/17/2012	0.025	
7/24/2013	0.043	
1/23/2014	0.025	
7/8/2014	0.046	
1/21/2015	0.023	
7/30/2015	0.022	
1/21/2016	0.028	
3/28/2016	0.0383	
5/25/2016	0.0439	
7/27/2016	0.037	
9/19/2016	0.041	
11/15/2016	0.033	
1/24/2017	0.04	
3/23/2017	0.032	
5/2/2017	0.041	
8/3/2017	0.012	
1/25/2018	0.036	
6/27/2018	0.036	
1/24/2019	0.03	
6/25/2019	0.032	
9/11/2019	0.056	
3/12/2020	0.03	
9/14/2020	0.04	
3/17/2021	0.029	
8/19/2021	0.03	
3/8/2022	0.023	
8/10/2022	0.031	
2/21/2023	0.026	
8/15/2023	0.034	
2/21/2024		0.026
8/1/2024		0.031
2/14/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	0.038	
10/29/2011	0.036	
12/14/2011	0.035	
2/7/2012	0.04	
7/17/2012	0.033	
1/24/2013	0.034	
7/24/2013	0.036	
1/23/2014	0.031	
7/8/2014	0.031	
1/21/2015	0.031	
7/31/2015	0.017	
1/25/2016	0.03	
3/24/2016	0.0362	
5/25/2016	0.0348	
7/26/2016	0.028	
9/19/2016	0.029	
11/14/2016	0.036	
1/19/2017	0.034	
3/16/2017	0.035	
5/1/2017	0.03	
8/3/2017	0.032	
1/22/2018	0.031	
6/27/2018	0.033	
1/24/2019	0.036	
6/25/2019	0.038	
9/12/2019	0.039	
3/13/2020	0.035	
9/15/2020	0.037	
3/17/2021	0.035	
8/19/2021	0.036	
3/9/2022	0.037	
8/10/2022	0.037	
2/21/2023	0.037	
8/16/2023	0.035	
2/20/2024		0.038
8/2/2024		0.041
2/13/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	0.02	
10/29/2011	0.015	
12/14/2011	0.016	
1/25/2012	0.016	
7/17/2012	0.0057	
1/24/2013	0.0062	
7/24/2013	0.01	
1/23/2014	0.013	
7/8/2014	0.014	
1/21/2015	0.015	
7/30/2015	0.0092	
1/22/2016	0.0063	
3/23/2016	0.0107	
5/24/2016	0.00672 (J)	
7/26/2016	0.0085	
9/19/2016	0.008	
11/11/2016	0.017	
1/20/2017	0.013	
3/16/2017	0.0096	
4/28/2017	0.0097	
8/3/2017	0.015	
1/19/2018	0.013	
6/27/2018	0.015	
1/24/2019	0.009	
6/26/2019	0.017	
9/12/2019	0.012	
3/12/2020	0.008 (J)	
9/9/2020	0.015	
3/18/2021	0.016	
8/23/2021	0.01	
3/8/2022	0.015	
8/10/2022	0.017	
2/20/2023	0.0098 (J)	
8/15/2023	0.014	
2/20/2024		0.013
7/30/2024		0.016
2/11/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	0.0074	
10/28/2011	0.0074	
12/13/2011	0.0075	
2/8/2012	0.0075	
7/18/2012	0.0068	
1/24/2013	0.0083	
7/24/2013	0.006	
1/23/2014	0.0051	
7/1/2014	0.0061	
1/20/2015	0.0061	
7/30/2015	0.0059	
1/19/2016	0.0075	
3/23/2016	0.00731 (J)	
5/20/2016	0.00703 (J)	
7/21/2016	0.0067	
9/20/2016	0.007	
11/14/2016	0.007	
1/24/2017	0.0075	
3/17/2017	0.0071	
5/1/2017	0.0057	
8/4/2017	0.0072	
1/24/2018	0.0084	
6/21/2018	0.011	
1/30/2019	0.013	
6/27/2019	0.0071 (J)	
9/10/2019	0.0098 (J)	
3/11/2020	0.0081 (J)	
9/10/2020	0.0076 (J)	
3/18/2021	0.0083 (J)	
8/23/2021	0.0076 (J)	
3/2/2022	0.0072 (J)	
8/10/2022	0.0076 (J)	
2/14/2023	0.0069 (J)	
8/16/2023	0.007 (J)	
2/21/2024		0.0089 (J)
8/5/2024		0.0075 (J)
2/13/2025		0.0074 (J)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	0.01	
10/31/2011	0.0068	
2/7/2012	0.0016	
1/23/2013	0.0038	
1/23/2014	0.0045	
7/1/2014	0.0048	
1/21/2015	0.0022	
1/25/2016	0.002	
3/30/2016	0.00491 (J)	
5/25/2016	0.00502 (J)	
7/27/2016	0.0033	
1/25/2017	0.0051	
3/23/2017	0.0024 (J)	
5/2/2017	0.0026	
7/19/2017	0.004	
8/4/2017	0.0033	
1/23/2018	0.0025	
6/27/2018	0.0016 (J)	
1/31/2019	0.0016 (J)	
6/26/2019	<0.01	
9/11/2019	0.0055 (J)	
3/17/2020	0.002 (J)	
9/11/2020	0.002 (J)	
3/16/2021	0.0022 (J)	
8/25/2021	0.0029 (J)	
3/10/2022	<0.01	
8/16/2022	0.0013 (J)	
2/22/2023	0.003 (J)	
8/16/2023	0.0044 (J)	
2/21/2024		0.0013 (J)
8/2/2024		0.0036 (J)
2/18/2025		0.0023 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	0.0043	
10/31/2011	0.0035	
12/13/2011	0.0036	
2/1/2012	0.0037	
7/17/2012	0.0038	
1/23/2013	0.003	
7/24/2013	0.0019	
1/23/2014	0.0012 (J)	
7/1/2014	0.0014	
1/20/2015	0.0012 (J)	
7/30/2015	0.0011 (J)	
1/25/2016	0.001 (J)	
3/23/2016	<0.01	
5/24/2016	<0.01	
7/22/2016	0.0014 (J)	
9/16/2016	0.0018 (J)	
11/15/2016	0.0014 (J)	
1/26/2017	0.003	
3/24/2017	0.0021 (J)	
5/2/2017	0.0025	
8/3/2017	0.0022 (J)	
1/23/2018	0.0027	
6/26/2018	0.0014 (J)	
1/30/2019	0.0017 (J)	
6/27/2019	<0.01	
9/12/2019	0.002 (J)	
3/18/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	0.0031 (J)	
8/24/2021	<0.01	
3/9/2022	<0.01	
8/10/2022	0.0011 (J)	
2/15/2023	<0.01	
8/15/2023	<0.01	
2/20/2024		<0.01
8/6/2024		0.00094 (J)
2/19/2025		0.0012 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	0.0049	
10/30/2011	0.0085	
12/13/2011	0.0073	
2/1/2012	0.0077	
7/17/2012	0.012	
1/23/2013	0.012	
7/17/2013	0.012	
1/23/2014	0.0099	
1/20/2015	0.011	
7/29/2015	0.0095	
1/25/2016	0.009	
3/23/2016	0.00902 (J)	
5/24/2016	0.00573 (J)	
7/22/2016	0.01	
9/16/2016	0.0061	
11/17/2016	0.014	
1/25/2017	<0.0025	
3/23/2017	0.0096	
5/1/2017	0.0057	
8/4/2017	0.0062	
1/23/2018	0.0047	
6/26/2018	0.0067	
1/30/2019	0.021	
6/26/2019	0.0057 (J)	
9/12/2019	0.009 (J)	
3/12/2020	0.0067 (J)	
9/16/2020	0.007 (J)	
3/18/2021	0.006 (J)	
8/24/2021	0.01	
3/9/2022	0.006 (J)	
8/15/2022	0.0042 (J)	
2/20/2023	0.0056 (J)	
8/15/2023	0.0062 (J)	
2/20/2024		0.0057 (J)
7/31/2024		0.0064 (J)
2/19/2025		0.0067 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	0.01	
10/31/2011	0.0089	
12/12/2011	0.011	
2/1/2012	0.011	
7/16/2012	0.011	
1/22/2013	0.011	
7/17/2013	0.011	
1/23/2014	0.0097	
6/25/2014	0.011	
1/14/2015	0.011	
7/29/2015	0.011	
1/21/2016	0.012	
3/24/2016	0.0132	
5/23/2016	0.0119	
7/21/2016	0.011	
9/15/2016	0.012	
11/15/2016	0.011	
1/25/2017	0.011	
3/22/2017	0.01	
5/1/2017	0.012	
8/3/2017	0.031 (O)	
1/23/2018	0.011	
6/20/2018	0.012	
1/28/2019	0.013	
6/26/2019	0.011	
9/11/2019	0.014	
3/11/2020	0.012	
9/11/2020	0.013	
3/16/2021	0.012	
8/24/2021	0.012	
3/2/2022	0.012	
8/10/2022	0.013	
2/20/2023	0.015	
8/16/2023	0.014	
2/22/2024		0.016
8/5/2024		0.014
2/13/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	0.019	
10/31/2011	0.018	
12/12/2011	0.02	
2/1/2012	0.02	
7/16/2012	0.02	
1/22/2013	0.021	
7/2/2013	0.019	
1/21/2014	0.02	
6/25/2014	0.019	
1/14/2015	0.019	
7/28/2015	0.019	
1/21/2016	0.021	
3/24/2016	0.0206	
5/23/2016	0.0221	
7/21/2016	0.019	
9/15/2016	0.02	
11/15/2016	0.02	
1/26/2017	0.021	
3/22/2017	0.019	
5/2/2017	0.02	
8/3/2017	0.02	
1/23/2018	0.019	
6/19/2018	0.02	
1/21/2019	0.022	
6/26/2019	0.021	
9/12/2019	0.02	
3/11/2020	0.02	
9/11/2020	0.021	
3/16/2021	0.02	
8/18/2021	0.023	
3/2/2022		0.022
8/15/2022		0.027
2/20/2023		0.031
8/16/2023		0.033
2/22/2024		0.046
8/5/2024		0.063
2/18/2025		0.065

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/13/2011	<0.0025	
1/31/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/17/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/21/2015	<0.0025	
1/21/2016	7.5E-05 (J)	
3/23/2016	<0.0025	
5/20/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/11/2016	<0.0025	
1/19/2017	<0.0025	
3/16/2017	<0.0025	
4/28/2017	<0.0025	
8/3/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/17/2019	7.4E-05 (J)	
6/24/2019	0.00029 (J)	
9/9/2019	0.00019 (J)	
3/10/2020	0.00019 (J)	
9/9/2020	<0.0025	
3/15/2021	<0.0025	
8/16/2021	<0.0025	
2/28/2022	<0.0025	
8/9/2022	<0.0025	
2/14/2023	<0.0025	
8/9/2023	<0.0025	
2/13/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.0025	
10/27/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/23/2012	<0.0025	
1/23/2013	<0.0025	
7/24/2013	<0.0025	
1/22/2014	<0.0025	
7/1/2014	<0.0025	
1/22/2015	0.00011 (J)	
7/22/2015	<0.0025	
1/20/2016	0.00012 (J)	
3/23/2016	<0.0025	
5/24/2016	<0.0025	
7/26/2016	<0.0025	
9/16/2016	<0.0025	
11/10/2016	<0.0025	
1/19/2017	<0.0025	
3/17/2017	<0.0025	
4/28/2017	<0.0025	
8/2/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/17/2019	<0.0025	
6/24/2019	0.00023 (J)	
9/10/2019	<0.0025	
3/10/2020	<0.0025	
9/10/2020	<0.0025	
3/15/2021	<0.0025	
8/18/2021	<0.0025	
3/1/2022	<0.0025	
8/9/2022	<0.0025	
2/14/2023	<0.0025	
8/9/2023	<0.0025	
2/14/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.0025	
10/28/2011	<0.0025	
12/12/2011	<0.0025	
1/25/2012	<0.0025	
7/16/2012	<0.0025	
1/24/2013	<0.0025	
7/23/2013	<0.0025	
1/22/2014	0.00034 (J)	
7/1/2014	0.00039 (J)	
1/21/2015	0.0005 (J)	
7/21/2015	0.00042 (J)	
1/22/2016	0.00044 (J)	
3/22/2016	<0.0025	
5/23/2016	<0.0025	
7/25/2016	0.00037 (J)	
9/15/2016	0.00039 (J)	
11/9/2016	0.00041 (J)	
1/17/2017	0.0004 (J)	
3/16/2017	<0.0025	
4/27/2017	0.00042 (J)	
8/1/2017	0.0004 (J)	
1/19/2018	0.00045 (J)	
6/19/2018	0.00038 (J)	
1/21/2019	0.00041 (J)	
6/25/2019	0.00039 (J)	
9/10/2019	0.00049 (J)	
3/10/2020	0.00051 (J)	
9/9/2020	0.0003 (J)	
3/15/2021	0.00046 (J)	
8/16/2021	0.00041 (J)	
3/1/2022	0.00042 (J)	
8/9/2022	0.00045 (J)	
2/14/2023	0.00044 (J)	
8/9/2023	0.00043 (J)	
2/14/2024		0.00045 (J)
7/29/2024		0.00052 (J)
2/10/2025		0.00043 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.0013	
10/28/2011	<0.0013	
12/12/2011	0.0015	
1/31/2012	0.0016	
7/17/2012	0.002	
1/24/2013	0.0025	
7/24/2013	0.0027	
1/22/2014	0.002	
7/8/2014	0.0024	
1/21/2015	0.0026	
7/22/2015	0.0024	
1/19/2016	0.0024	
3/22/2016	0.00194 (J)	
5/19/2016	0.00188 (J)	
7/21/2016	0.0021 (J)	
1/17/2017	0.0024 (J)	
3/15/2017	0.002 (J)	
4/27/2017	0.0019 (J)	
7/18/2017	0.0018 (J)	
8/1/2017	0.0019 (J)	
1/19/2018	0.0018 (J)	
6/19/2018	0.0021 (J)	
1/18/2019	0.0021 (J)	
6/25/2019	0.0023	
9/10/2019	0.0023	
3/10/2020	0.002 (J)	
9/9/2020	0.0017 (J)	
3/15/2021	0.002 (J)	
8/18/2021	0.0021 (J)	
3/2/2022	0.002 (J)	
8/9/2022	0.0021 (J)	
2/13/2023	0.002 (J)	
8/8/2023	0.0017 (J)	
2/14/2024		0.0018 (J)
7/30/2024		0.002 (J)
2/11/2025		0.0018 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/24/2012	<0.0025	
1/8/2013	<0.0025	
7/9/2013	<0.0025	
1/15/2014	<0.0025	
6/25/2014	<0.0025	
1/20/2015	<0.0025	
7/24/2015	<0.0025	
1/20/2016	7.8E-05 (J)	
3/28/2016	<0.0025	
5/24/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/16/2016	<0.0025	
1/26/2017	<0.0025	
3/22/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/25/2018	<0.0025	
1/30/2019	<0.0025	
6/26/2019	<0.0025	
9/12/2019	<0.0025	
3/16/2020	<0.0025	
9/11/2020	<0.0025	
3/17/2021	<0.0025	
8/18/2021	<0.0025	
3/2/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		<0.0025
8/1/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/7/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	<0.0025	
1/20/2015	<0.0025	
7/27/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/24/2016	<0.0025	
7/26/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/26/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/22/2019	5.8E-05 (J)	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/12/2020	0.00061 (J)	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/20/2021	<0.0025	
3/2/2022	<0.0025	
8/11/2022	<0.0025	
2/15/2023	<0.0025	
8/9/2023	<0.0025	
2/21/2024		<0.0025
7/30/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/4/2011	<0.0025	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	0.00012 (J)	
6/24/2014	0.00014 (J)	
1/20/2015	0.00014 (J)	
7/27/2015	0.00012 (J)	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/24/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/22/2019	7.9E-05 (J)	
6/25/2019	<0.0025	
9/16/2019	<0.0025	
3/16/2020	0.00041 (J)	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/25/2021	<0.0025	
3/9/2022	<0.0025	
8/16/2022	0.00035 (J)	
2/15/2023	<0.0025	
8/9/2023	0.00023 (J)	
2/19/2024		0.00024 (J)
7/31/2024		0.00041 (J)
2/18/2025		0.00048 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	<0.0025	
9/17/2019	<0.0025	
3/17/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/16/2022	<0.0025	
2/15/2023	<0.0025	
8/10/2023	<0.0025	
2/20/2024		<0.0025
7/31/2024		<0.0025
2/19/2025		0.00025 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.0025	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
2/9/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	<0.0025	
7/9/2013	<0.0025	
1/15/2014	<0.0025	
6/25/2014	8.3E-05 (J)	
1/21/2015	<0.0025	
7/28/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	0.00015 (J)	
6/26/2019	<0.0025	
9/16/2019	<0.0025	
3/16/2020	0.00039 (J)	
9/10/2020	<0.0025	
3/17/2021	<0.0025	
8/23/2021	<0.0025	
3/7/2022	<0.0025	
8/15/2022	<0.0025	
2/21/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		<0.0025
8/6/2024		<0.0025
2/18/2025		0.00041 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.0025	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
7/28/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/22/2016	<0.0025	
9/15/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/26/2018	<0.0025	
1/25/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	0.00024 (J)	
3/18/2020	0.00029 (J)	
9/10/2020	<0.0025	
3/16/2021	<0.0025	
8/19/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/15/2023	<0.0025	
8/14/2023	<0.0025	
2/20/2024		<0.0025
8/6/2024		<0.0025
2/17/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.0025	
10/27/2011	<0.0025	
12/3/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	0.00012 (J)	
7/1/2014	<0.0025	
1/14/2015	0.00015 (J)	
7/22/2015	0.00023 (J)	
1/27/2016	0.00011 (J)	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/15/2016	0.00044 (J)	
11/17/2016	0.00055 (J)	
2/1/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	0.00059 (J)	
1/25/2018	<0.0025	
6/20/2018	0.00064 (J)	
1/22/2019	0.0004 (J)	
6/25/2019	0.00041 (J)	
9/12/2019	0.00092 (J)	
3/17/2020	0.00059 (J)	
9/10/2020	0.00064 (J)	
3/17/2021	0.00074 (J)	
8/23/2021	0.00026 (J)	
3/7/2022	0.00051 (J)	
8/16/2022	0.0006 (J)	
2/17/2023	0.0003 (J)	
8/14/2023	<0.0025	
2/19/2024		0.00034 (J)
8/6/2024		0.00056 (J)
2/17/2025		0.00021 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/3/2011	<0.0025	
2/9/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/2/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/14/2015	<0.0025	
7/22/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/4/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/22/2019	<0.0025	
6/25/2019	<0.0025	
9/17/2019	<0.0025	
3/16/2020	<0.0025	
9/10/2020	0.00022 (J)	
3/18/2021	<0.0025	
8/24/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/21/2023	<0.0025	
8/14/2023	<0.0025	
2/21/2024		<0.0025
8/6/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
1/25/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/2/2013	<0.0025	
1/14/2014	<0.0025	
6/25/2014	<0.0025	
1/13/2015	<0.0025	
7/22/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/25/2019	7.2E-05 (J)	
6/25/2019	<0.0025	
9/11/2019	0.00024 (J)	
3/17/2020	<0.0025	
9/11/2020	<0.0025	
3/17/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/16/2022	<0.0025	
2/20/2023	<0.0025	
8/14/2023	<0.0025	
2/21/2024		<0.0025
8/5/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
1/25/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/14/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/28/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/26/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	0.00018 (J)	
3/17/2020	<0.0025	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/10/2023	<0.0025	
2/20/2024		<0.0025
8/7/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
2/9/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/28/2019	<0.0025	
6/27/2019	<0.0025	
9/11/2019	0.00019 (J)	
3/17/2020	<0.0025	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/24/2021	<0.0025	
3/8/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/9/2023	<0.0025	
2/21/2024		<0.0025
8/7/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
2/8/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/28/2019	0.00011 (J)	
6/26/2019	<0.0025	
9/12/2019	<0.0025	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/17/2021	0.00046 (J)	
8/24/2021	<0.0025	
3/8/2022	<0.0025	
8/11/2022	<0.0025	
2/21/2023	0.0002 (J)	
8/9/2023	<0.0025	
2/21/2024		0.0002 (J)
8/6/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/4/2011	<0.0025	
2/8/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	<0.0025	
6/21/2018	<0.0025	
1/28/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/16/2021	0.00041 (J)	
8/24/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/22/2023	<0.0025	
8/9/2023	<0.0025	
2/20/2024		<0.0025
8/2/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/4/2011	<0.0025	
2/8/2012	<0.0025	
7/17/2012	<0.0025	
1/9/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/26/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	7.9E-05 (J)	
6/25/2019	<0.0025	
9/11/2019	0.0002 (J)	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/16/2021	<0.0025	
8/19/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/21/2023	<0.0025	
8/9/2023	<0.0025	
2/19/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.0025	
10/29/2011	<0.0025	
12/13/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/22/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/23/2015	<0.0025	
1/26/2016	<0.0025	
3/31/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/3/2017	<0.0025	
3/28/2017	<0.0025	
5/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	0.00017 (J)	
9/10/2019	<0.0025	
3/18/2020	0.00038 (J)	
9/10/2020	<0.0025	
3/15/2021	0.0002 (J)	
8/19/2021	<0.0025	
3/8/2022	<0.0025	
8/17/2022	<0.0025	
2/14/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		<0.0025
8/6/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.0025	
10/29/2011	<0.0025	
12/13/2011	<0.0025	
1/31/2012	<0.0025	
7/18/2012	<0.0025	
1/22/2013	<0.0025	
7/23/2013	<0.0025	
1/22/2014	<0.0025	
7/1/2014	<0.0025	
1/22/2015	<0.0025	
7/29/2015	8E-05 (J)	
1/21/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/20/2016	<0.0025	
11/18/2016	<0.0025	
2/3/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/25/2019	<0.0025	
6/26/2019	<0.0025	
9/12/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	0.00052 (J)	
8/23/2021	<0.0025	
3/9/2022	<0.0025	
8/16/2022	<0.0025	
2/21/2023	<0.0025	
8/15/2023	<0.0025	
2/19/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	8.3E-05 (J)	
7/31/2015	0.00012 (J)	
1/20/2016	9.3E-05 (J)	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/18/2016	<0.0025	
2/3/2017	<0.0025	
3/29/2017	<0.0025	
5/4/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	0.00017 (J)	
9/11/2019	<0.0025	
3/12/2020	0.0002 (J)	
9/15/2020	<0.0025	
3/18/2021	0.00024 (J)	
8/19/2021	<0.0025	
3/10/2022	<0.0025	
8/18/2022	<0.0025	
2/16/2023	<0.0025	
8/16/2023	<0.0025	
2/22/2024		<0.0025
8/6/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.0025	
10/31/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/17/2012	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/30/2015	<0.0025	
1/21/2016	<0.0025	
3/28/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/19/2016	<0.0025	
11/15/2016	<0.0025	
1/24/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019	6.7E-05 (J)	
6/25/2019	<0.0025	
9/11/2019	0.00019 (J)	
3/12/2020	<0.0025	
9/14/2020	<0.0025	
3/17/2021	<0.0025	
8/19/2021	<0.0025	
3/8/2022	<0.0025	
8/10/2022	<0.0025	
2/21/2023	<0.0025	
8/15/2023	<0.0025	
2/21/2024		<0.0025
8/1/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.0025	
10/29/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/17/2012	<0.0025	
1/24/2013	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/31/2015	<0.0025	
1/25/2016	<0.0025	
3/24/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/19/2016	<0.0025	
11/14/2016	<0.0025	
1/19/2017	<0.0025	
3/16/2017	<0.0025	
5/1/2017	<0.0025	
8/3/2017	<0.0025	
1/22/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019	8.1E-05 (J)	
6/25/2019	<0.0025	
9/12/2019	<0.0025	
3/13/2020	0.00019 (J)	
9/15/2020	<0.0025	
3/17/2021	<0.0025	
8/19/2021	<0.0025	
3/9/2022	<0.0025	
8/10/2022	<0.0025	
2/21/2023	<0.0025	
8/16/2023	<0.0025	
2/20/2024		<0.0025
8/2/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	0.0066	
10/29/2011	0.0055	
12/14/2011	0.0058	
1/25/2012	0.006	
7/17/2012	<0.003	
1/24/2013	<0.003	
7/24/2013	0.0027	
1/23/2014	0.0047	
7/8/2014	0.005	
1/21/2015	0.0053	
7/30/2015	0.0013	
1/22/2016	0.00038 (J)	
3/23/2016	0.00229 (J)	
5/24/2016	<0.003	
7/26/2016	0.0015 (J)	
9/19/2016	0.0013 (J)	
11/11/2016	0.0057	
1/20/2017	0.003	
3/16/2017	0.0018 (J)	
4/28/2017	0.00075 (J)	
8/3/2017	0.005	
1/19/2018	0.0057	
6/27/2018	0.005	
1/24/2019	0.00039 (J)	
6/26/2019	0.0056	
9/12/2019	0.0012	
3/12/2020	0.00038 (J)	
9/9/2020	0.0034	
3/18/2021	0.0043	
8/23/2021	0.0015 (J)	
3/8/2022	0.0048	
8/10/2022	0.0056	
2/20/2023	0.0016 (J)	
8/15/2023	0.0039	
2/20/2024		0.0038
7/30/2024		0.0044
2/11/2025		0.0038

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.0025	
10/28/2011	<0.0025	
12/13/2011	<0.0025	
2/8/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/1/2014	<0.0025	
1/20/2015	<0.0025	
7/30/2015	<0.0025	
1/19/2016	9E-05 (J)	
3/23/2016	<0.0025	
5/20/2016	<0.0025	
7/21/2016	<0.0025	
9/20/2016	<0.0025	
11/14/2016	<0.0025	
1/24/2017	<0.0025	
3/17/2017	<0.0025	
5/1/2017	<0.0025	
8/4/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/30/2019	<0.0025	
6/27/2019	<0.0025	
9/10/2019	<0.0025	
3/11/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	<0.0025	
8/23/2021	<0.0025	
3/2/2022	<0.0025	
8/10/2022	<0.0025	
2/14/2023	<0.0025	
8/16/2023	<0.0025	
2/21/2024		<0.0025
8/5/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.003	
10/31/2011	<0.003	
2/7/2012	<0.003	
1/23/2013	<0.003	
1/23/2014	0.00099 (J)	
7/1/2014	0.0011 (J)	
1/21/2015	0.00082 (J)	
1/25/2016	0.00061 (J)	
3/30/2016	<0.003	
5/25/2016	<0.003	
7/27/2016	0.00076 (J)	
1/25/2017	0.00064 (J)	
3/23/2017	0.00067 (J)	
5/2/2017	0.00077 (J)	
7/19/2017	0.00083 (J)	
8/4/2017	0.0011 (J)	
1/23/2018	0.001 (J)	
6/27/2018	0.00071 (J)	
1/31/2019	0.00057 (J)	
6/26/2019	0.00084 (J)	
9/11/2019	0.00092 (J)	
3/17/2020	0.0004 (J)	
9/11/2020	0.00068 (J)	
3/16/2021	0.0006 (J)	
8/25/2021	0.00072 (J)	
3/10/2022	0.00074 (J)	
8/16/2022	0.00041 (J)	
2/22/2023	0.00091 (J)	
8/16/2023	0.00083 (J)	
2/21/2024		0.00029 (J)
8/2/2024		0.00073 (J)
2/18/2025		0.00068 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.0013	
10/31/2011	<0.0013	
12/13/2011	<0.0013	
2/1/2012	<0.0013	
7/17/2012	<0.0013	
1/23/2013	<0.0013	
7/24/2013	<0.0013	
1/23/2014	0.00068 (J)	
7/1/2014	0.00062 (J)	
1/20/2015	0.00066 (J)	
7/30/2015	0.001 (J)	
1/25/2016	0.00066 (J)	
3/23/2016	0.000735 (J)	
5/24/2016	0.00134 (J)	
7/22/2016	0.0012 (J)	
9/16/2016	0.0015 (J)	
11/15/2016	0.0015 (J)	
1/26/2017	0.001 (J)	
3/24/2017	0.0016 (J)	
5/2/2017	0.0012 (J)	
8/3/2017	0.0018 (J)	
1/23/2018	0.0018 (J)	
6/26/2018	0.0015 (J)	
1/30/2019	0.0016 (J)	
6/27/2019	0.0017	
9/12/2019	0.0019	
1/14/2020	0.0015	
3/18/2020	0.0014 (J)	
9/15/2020	0.0018 (J)	
3/17/2021	0.0013 (J)	
8/24/2021	0.0011 (J)	
3/9/2022	0.001 (J)	
8/10/2022	0.0016 (J)	
2/15/2023	0.0013 (J)	
8/15/2023	0.001 (J)	
2/20/2024		0.0015 (J)
8/6/2024		0.0014 (J)
2/19/2025		0.0011 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.0025	
10/30/2011	<0.0025	
12/13/2011	<0.0025	
2/1/2012	<0.0025	
7/17/2012	<0.0025	
1/23/2013	<0.0025	
7/17/2013	<0.0025	
1/23/2014	0.00054 (J)	
1/20/2015	0.00091 (J)	
7/29/2015	0.0011 (J)	
1/25/2016	0.00075 (J)	
3/23/2016	0.000892 (J)	
5/24/2016	0.00065 (J)	
7/22/2016	0.0011 (J)	
9/16/2016	0.001 (J)	
11/17/2016	0.00046 (J)	
1/25/2017	<0.0025	
3/23/2017	0.00077 (J)	
5/1/2017	0.00062 (J)	
8/4/2017	0.00051 (J)	
1/23/2018	0.00034 (J)	
6/26/2018	<0.0025	
1/30/2019	0.00036 (J)	
6/26/2019	0.00027 (J)	
9/12/2019	0.00044 (J)	
3/12/2020	0.00049 (J)	
9/16/2020	0.00027 (J)	
3/18/2021	0.0002 (J)	
8/24/2021	<0.0025	
3/9/2022	<0.0025	
8/15/2022	0.00044 (J)	
2/20/2023	0.00044 (J)	
8/15/2023	0.0004 (J)	
2/20/2024		0.00029 (J)
7/31/2024		0.00028 (J)
2/19/2025		0.00046 (J)

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	<0.0025	
2/1/2012	<0.0025	
7/16/2012	<0.0025	
1/22/2013	<0.0025	
7/17/2013	<0.0025	
1/23/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/29/2015	0.00011 (J)	
1/21/2016	0.00012 (J)	
3/24/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	<0.0025	
1/25/2017	<0.0025	
3/22/2017	<0.0025	
5/1/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/20/2018	<0.0025	
1/28/2019	6.1E-05 (J)	
6/26/2019	0.00032 (J)	
9/11/2019	<0.0025	
3/11/2020	<0.0025	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/24/2021	<0.0025	
3/2/2022	<0.0025	
8/10/2022	<0.0025	
2/20/2023	<0.0025	
8/16/2023	<0.0025	
2/22/2024		<0.0025
8/5/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	<0.0025	
2/1/2012	<0.0025	
7/16/2012	<0.0025	
1/22/2013	<0.0025	
7/2/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/28/2015	8.5E-05 (J)	
1/21/2016	8.5E-05 (J)	
3/24/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	<0.0025	
1/26/2017	<0.0025	
3/22/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/19/2018	<0.0025	
1/21/2019	<0.0025	
6/26/2019	0.00022 (J)	
9/12/2019	<0.0025	
3/11/2020	<0.0025	
9/11/2020	0.00024 (J)	
3/16/2021	<0.0025	
8/18/2021	<0.0025	
3/2/2022	<0.0025	
8/15/2022	<0.0025	
2/20/2023	<0.0025	
8/16/2023	<0.0025	
2/22/2024		<0.0025
8/5/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/13/2011	<0.0025	
1/31/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/17/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/21/2015	<0.0025	
1/21/2016	<0.0025	
3/23/2016	<0.0025	
5/20/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/11/2016	<0.0025	
1/19/2017	<0.0025	
3/16/2017	<0.0025	
4/28/2017	<0.0025	
8/3/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	0.0005 (J)	
1/17/2019	<0.0025	
6/24/2019	<0.0025	
9/9/2019	<0.0025	
3/10/2020	<0.0025	
9/9/2020	<0.0025	
3/15/2021	<0.0025	
8/16/2021	<0.0025	
2/28/2022	<0.0025	
8/9/2022	<0.0025	
2/14/2023	9E-05 (J)	
8/9/2023	<0.0025	
2/13/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.0025	
10/28/2011	<0.0025	
12/12/2011	<0.0025	
1/25/2012	<0.0025	
7/16/2012	<0.0025	
1/24/2013	<0.0025	
7/23/2013	<0.0025	
1/22/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
7/21/2015	<0.0025	
1/22/2016	<0.0025	
3/22/2016	<0.0025	
5/23/2016	<0.0025	
7/25/2016	<0.0025	
9/15/2016	<0.0025	
11/9/2016	<0.0025	
1/17/2017	<0.0025	
3/16/2017	<0.0025	
4/27/2017	<0.0025	
8/1/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/21/2019	<0.0025	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/10/2020	<0.0025	
9/9/2020	<0.0025	
3/15/2021	<0.0025	
8/16/2021	<0.0025	
3/1/2022	<0.0025	
8/9/2022	<0.0025	
2/14/2023	8E-05 (J)	
8/9/2023	<0.0025	
2/14/2024		<0.0025
7/29/2024		<0.0025
2/10/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.0025	
10/28/2011	<0.0025	
12/12/2011	<0.0025	
1/31/2012	<0.0025	
7/17/2012	<0.0025	
1/24/2013	<0.0025	
7/24/2013	<0.0025	
1/22/2014	<0.0025	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/22/2015	<0.0025	
1/19/2016	<0.0025	
3/22/2016	<0.0025	
5/19/2016	0.000111 (J)	
7/21/2016	<0.0025	
1/17/2017	<0.0025	
3/15/2017	<0.0025	
4/27/2017	<0.0025	
7/18/2017	<0.0025	
8/1/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/18/2019	<0.0025	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/10/2020	<0.0025	
9/9/2020	<0.0025	
3/15/2021	<0.0025	
8/18/2021	<0.0025	
3/2/2022	<0.0025	
8/9/2022	8.5E-05 (J)	
2/13/2023	<0.0025	
8/8/2023	<0.0025	
2/14/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/9/2013	<0.0025	
7/17/2013	<0.0025	
1/15/2014	<0.0025	
6/25/2014	<0.0025	
1/13/2015	<0.0025	
7/24/2015	<0.0025	
1/20/2016	<0.0025	
3/28/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	<0.0025	
1/26/2017	<0.0025	
3/22/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/25/2018	<0.0025	
1/30/2019	<0.0025	
6/26/2019	<0.0025	
9/12/2019	<0.0025	
3/16/2020	<0.0025	
9/9/2020	<0.0025	
3/17/2021	<0.0025	
8/19/2021	<0.0025	
3/2/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		0.0001 (J)
7/31/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/7/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	<0.0025	
1/20/2015	<0.0025	
7/27/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/24/2016	<0.0025	
7/22/2016	<0.0025	
9/15/2016	<0.0025	
11/16/2016	<0.0025	
1/26/2017	<0.0025	
3/22/2017	<0.0025	
5/2/2017	<0.0025	
8/4/2017	<0.0025	
1/23/2018	<0.0025	
6/25/2018	<0.0025	
1/21/2019	<0.0025	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/12/2020	<0.0025	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/19/2021	<0.0025	
3/2/2022	<0.0025	
8/11/2022	<0.0025	
2/21/2023	8.5E-05 (J)	
8/9/2023	<0.0025	
2/21/2024		<0.0025
8/1/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/7/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	<0.0025	
1/20/2015	<0.0025	
7/27/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/24/2016	<0.0025	
7/26/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/26/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/22/2019	<0.0025	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/12/2020	0.00032 (J)	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/20/2021	<0.0025	
3/2/2022	<0.0025	
8/11/2022	<0.0025	
2/15/2023	<0.0025	
8/9/2023	<0.0025	
2/21/2024		<0.0025
7/30/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/4/2011	<0.0025	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	<0.0025	
1/20/2015	<0.0025	
7/27/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/24/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/22/2019	<0.0025	
6/25/2019	<0.0025	
9/16/2019	<0.0025	
3/16/2020	<0.0025	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/25/2021	<0.0025	
3/9/2022	<0.0025	
8/16/2022	9.5E-05 (J)	
2/15/2023	<0.0025	
8/9/2023	<0.0025	
2/19/2024		<0.0025
7/31/2024		0.00032 (J)
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	<0.0025	
9/17/2019	<0.0025	
3/17/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/16/2022	<0.0025	
2/15/2023	<0.0025	
8/10/2023	<0.0025	
2/20/2024		8E-05 (J)
7/31/2024		<0.0025
2/19/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.0025	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
2/9/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	<0.0025	
7/9/2013	<0.0025	
1/15/2014	<0.0025	
6/25/2014	<0.0025	
1/21/2015	0.0014	
7/28/2015	0.0022	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	<0.0025	
6/26/2019	<0.0025	
9/16/2019	<0.0025	
3/16/2020	0.00033 (J)	
9/10/2020	<0.0025	
3/17/2021	<0.0025	
8/23/2021	<0.0025	
3/7/2022	<0.0025	
8/15/2022	<0.0025	
2/21/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		<0.0025
8/6/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.0025	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
7/28/2015	<0.0025	
1/27/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/15/2016	<0.0025	
11/17/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/4/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/22/2019	<0.0025	
6/25/2019	<0.0025	
9/12/2019	<0.0025	
3/12/2020	<0.0025	
9/10/2020	<0.0025	
3/17/2021	<0.0025	
8/23/2021	<0.0025	
3/8/2022	<0.0025	
8/15/2022	0.0001 (J)	
2/21/2023	<0.0025	
8/16/2023	<0.0025	
2/19/2024		0.00026 (J)
8/5/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.0025	
10/27/2011	<0.0025	
12/3/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	<0.0025	
7/1/2014	<0.0025	
1/14/2015	<0.0025	
7/22/2015	0.00028 (J)	
1/27/2016	<0.0025	
3/30/2016	0.000222 (J)	
5/25/2016	0.000327 (J)	
7/26/2016	<0.0025	
9/15/2016	0.00053 (J)	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	0.00051 (J)	
1/25/2018	<0.0025	
6/20/2018	0.00047 (J)	
1/22/2019	0.00021 (J)	
6/25/2019	0.00021 (J)	
9/12/2019	0.00052 (J)	
3/17/2020	0.00036 (J)	
9/10/2020	0.00043 (J)	
3/17/2021	0.00043 (J)	
8/23/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	0.00045 (J)	
2/17/2023	0.00011 (J)	
8/14/2023	<0.0025	
2/19/2024		0.0001 (J)
8/6/2024		0.00037 (J)
2/17/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
1/25/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/14/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/28/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/26/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	<0.0025	
3/17/2020	<0.0025	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/10/2023	<0.0025	
2/20/2024		0.00026 (J)
8/7/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
2/8/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/28/2019	<0.0025	
6/26/2019	<0.0025	
9/12/2019	<0.0025	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/17/2021	<0.0025	
8/24/2021	<0.0025	
3/8/2022	0.00097 (J)	
8/11/2022	<0.0025	
2/21/2023	<0.0025	
8/9/2023	<0.0025	
2/21/2024		<0.0025
8/6/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/4/2011	<0.0025	
2/8/2012	<0.0025	
7/17/2012	<0.0025	
1/9/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	0.00029 (J)	
6/24/2014	<0.0025	
1/13/2015	<0.0025	
7/23/2015	<0.0025	
1/26/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	0.00018 (J)	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/16/2021	0.00025 (J)	
8/19/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	9.5E-05 (J)	
2/21/2023	0.00012 (J)	
8/9/2023	8.5E-05 (J)	
2/19/2024		<0.0025
7/30/2024		0.0001 (J)
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.0025	
10/29/2011	<0.0025	
12/13/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/22/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/23/2015	<0.0025	
1/26/2016	<0.0025	
3/31/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/3/2017	<0.0025	
3/28/2017	<0.0025	
5/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	0.00057 (J)	
9/10/2019	0.00046 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	<0.0025	
3/15/2021	<0.0025	
8/19/2021	<0.0025	
3/8/2022	<0.0025	
8/17/2022	<0.0025	
2/14/2023	9E-05 (J)	
8/14/2023	<0.0025	
2/14/2024		0.00024 (J)
8/6/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.0025	
7/31/2015	<0.0025	
1/20/2016	<0.0025	
3/30/2016	0.000124 (J)	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/18/2016	<0.0025	
2/3/2017	0.0021 (J)	
3/29/2017	<0.0025	
5/4/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	<0.0025	
3/12/2020	<0.0025	
9/15/2020	<0.0025	
3/18/2021	<0.0025	
8/19/2021	<0.0025	
3/10/2022	<0.0025	
8/18/2022	<0.0025	
2/16/2023	8E-05 (J)	
8/16/2023	<0.0025	
2/22/2024		<0.0025
8/6/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.0025	
10/31/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/17/2012	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/30/2015	<0.0025	
1/21/2016	<0.0025	
3/28/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/19/2016	<0.0025	
11/15/2016	<0.0025	
1/24/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	0.0002 (J)	
3/12/2020	<0.0025	
9/14/2020	<0.0025	
3/17/2021	<0.0025	
8/19/2021	<0.0025	
3/8/2022	<0.0025	
8/10/2022	<0.0025	
2/21/2023	<0.0025	
8/15/2023	<0.0025	
2/21/2024		<0.0025
8/1/2024		<0.0025
2/14/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.0025	
10/28/2011	<0.0025	
12/13/2011	<0.0025	
2/8/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/1/2014	<0.0025	
1/20/2015	<0.0025	
7/30/2015	<0.0025	
1/19/2016	<0.0025	
3/23/2016	<0.0025	
5/20/2016	<0.0025	
7/21/2016	<0.0025	
9/20/2016	<0.0025	
11/14/2016	<0.0025	
1/24/2017	<0.0025	
3/17/2017	<0.0025	
5/1/2017	<0.0025	
8/4/2017	<0.0025	
1/24/2018	<0.0025	
6/21/2018	<0.0025	
1/30/2019	<0.0025	
6/27/2019	<0.0025	
9/10/2019	<0.0025	
3/11/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	<0.0025	
8/23/2021	<0.0025	
3/2/2022	<0.0025	
8/10/2022	<0.0025	
2/14/2023	<0.0025	
8/16/2023	<0.0025	
2/21/2024		<0.0025
8/5/2024		9.5E-05 (J)
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.0025	
10/31/2011	<0.0025	
2/7/2012	<0.0025	
1/23/2013	<0.0025	
1/23/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
1/25/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
1/25/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
7/19/2017	<0.0025	
8/4/2017	<0.0025	
1/23/2018	<0.0025	
6/27/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	<0.0025	
3/17/2020	<0.0025	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/25/2021	<0.0025	
3/10/2022	<0.0025	
8/16/2022	<0.0025	
2/22/2023	8E-05 (J)	
8/16/2023	<0.0025	
2/21/2024		<0.0025
8/2/2024		9.5E-05 (J)
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	<0.0025	
2/1/2012	<0.0025	
7/16/2012	<0.0025	
1/22/2013	<0.0025	
7/17/2013	<0.0025	
1/23/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/29/2015	<0.0025	
1/21/2016	<0.0025	
3/24/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	<0.0025	
1/25/2017	<0.0025	
3/22/2017	<0.0025	
5/1/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/20/2018	<0.0025	
1/28/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	<0.0025	
3/11/2020	<0.0025	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/24/2021	<0.0025	
3/2/2022	<0.0025	
8/10/2022	0.00016 (J)	
2/20/2023	0.00014 (J)	
8/16/2023	<0.0025	
2/22/2024		0.0002 (J)
8/5/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	0.0015	
10/27/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/17/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/21/2015	<0.002	
1/21/2016	<0.002	
3/23/2016	<0.002	
5/20/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/11/2016	<0.002	
1/19/2017	<0.002	
3/16/2017	<0.002	
4/28/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	0.0012 (J)	
6/24/2019	0.0042	
9/9/2019	0.0017 (J)	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	<0.002	
2/28/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/13/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.002	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/23/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	<0.002	
1/22/2015	<0.002	
7/22/2015	<0.002	
1/20/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/26/2016	<0.002	
9/16/2016	0.0019 (J)	
11/10/2016	<0.002	
1/19/2017	<0.002	
3/17/2017	<0.002	
4/28/2017	<0.002	
8/2/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	0.0011 (J)	
1/17/2019	0.0016 (J)	
6/24/2019	0.0022	
9/10/2019	0.0019 (J)	
3/10/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/18/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	0.0014	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/1/2012	<0.002	
7/23/2012	0.0014	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/15/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/21/2015	<0.002	
1/20/2016	<0.002	
3/23/2016	<0.002	
5/19/2016	<0.002	
7/21/2016	<0.002	
9/14/2016	<0.002	
11/10/2016	<0.002	
1/17/2017	<0.002	
3/16/2017	<0.002	
4/27/2017	<0.002	
8/2/2017	<0.002	
1/22/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	0.0013 (J)	
6/24/2019	0.0022	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/18/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/25/2012	<0.002	
7/16/2012	<0.002	
1/24/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/21/2015	<0.002	
1/22/2016	<0.002	
3/22/2016	<0.002	
5/23/2016	<0.002	
7/25/2016	<0.002	
9/15/2016	0.0082 (O)	
11/9/2016	0.0044	
1/17/2017	<0.002	
3/16/2017	<0.002	
4/27/2017	<0.002	
8/1/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	0.0014 (J)	
6/25/2019	0.0024	
9/10/2019	0.0018 (J)	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	0.0028	
8/16/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/31/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	0.0013	
1/22/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002	
3/22/2016	<0.002	
5/19/2016	0.00684 (JO)	
7/21/2016	<0.002	
1/17/2017	<0.002	
3/15/2017	<0.002	
4/27/2017	<0.002	
7/18/2017	<0.002	
8/1/2017	0.0015 (J)	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/18/2019	0.002 (J)	
6/25/2019	0.003	
9/10/2019	0.0019 (J)	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	0.021 (O)	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/9/2022	<0.002	
2/13/2023	<0.002	
8/8/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.002	
10/27/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/9/2013	<0.002	
7/17/2013	<0.002	
1/15/2014	<0.002	
6/25/2014	<0.002	
1/13/2015	0.0012 (J)	
7/24/2015	<0.002	
1/20/2016	<0.002	
3/28/2016	<0.002	
5/23/2016	<0.002	
7/21/2016	0.0011 (J)	
9/15/2016	<0.002	
11/15/2016	<0.002	
1/26/2017	0.0013 (J)	
3/22/2017	0.024 (O)	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	0.0021 (J)	
6/26/2019	0.0029	
9/12/2019	0.0033	
3/16/2020	0.0017 (J)	
9/9/2020	<0.002	
3/17/2021	0.0015 (J)	
8/19/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	0.0017 (J)	
8/14/2023	0.0015 (J)	
2/14/2024		0.0012 (J)
7/31/2024		0.0012 (J)
2/14/2025		0.0019 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.002	
10/30/2011	0.0016	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/24/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	<0.002	
6/25/2014	<0.002	
1/20/2015	<0.002	
7/24/2015	<0.002	
1/20/2016	<0.002	
3/28/2016	<0.002	
5/24/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/16/2016	<0.002	
1/26/2017	<0.002	
3/22/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	0.002 (J)	
6/26/2019	0.0027	
9/12/2019	0.0049	
3/16/2020	<0.002	
9/11/2020	<0.002	
3/17/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/1/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/7/2013	<0.002	
7/9/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	0.0018	
1/20/2015	<0.002	
7/27/2015	<0.002	
1/26/2016	<0.002	
3/29/2016	<0.002	
5/24/2016	<0.002	
7/22/2016	<0.002	
9/15/2016	<0.002	
11/16/2016	<0.002	
1/26/2017	<0.002	
3/22/2017	<0.002	
5/2/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/21/2019	0.0012 (J)	
6/25/2019	0.0021	
9/10/2019	<0.002	
3/12/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/1/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/19/2012	<0.002	
7/18/2012	<0.002	
1/7/2013	<0.002	
7/9/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	<0.002	
1/20/2015	<0.002	
7/27/2015	<0.002	
1/26/2016	<0.002	
3/29/2016	<0.002	
5/24/2016	<0.002	
7/26/2016	<0.002	
9/19/2016	<0.002	
11/16/2016	<0.002	
1/26/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/21/2018	<0.002	
1/22/2019	0.0014 (J)	
6/25/2019	0.0024	
9/10/2019	0.0018 (J)	
3/12/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	0.0027	
8/20/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/15/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
7/30/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.0013	
10/30/2011	<0.002	
12/4/2011	0.0021	
1/19/2012	<0.002	
7/18/2012	<0.002	
1/8/2013	0.0019	
7/9/2013	0.002	
1/14/2014	<0.002	
6/24/2014	0.0029	
1/20/2015	<0.002	
7/27/2015	0.0013	
1/26/2016	<0.002	
3/29/2016	<0.002	
5/24/2016	<0.002	
7/25/2016	<0.002	
9/19/2016	<0.002	
11/16/2016	<0.002	
1/31/2017	0.0015 (J)	
3/23/2017	0.0021 (J)	
5/2/2017	0.0016 (J)	
8/7/2017	0.0024 (J)	
1/24/2018	0.0019 (J)	
6/21/2018	0.0023 (J)	
1/22/2019	0.0027	
6/25/2019	0.0048	
9/16/2019	0.0027	
3/16/2020	0.0015 (J)	
9/11/2020	0.0017 (J)	
3/16/2021	0.0073 (O)	
8/25/2021	0.0024	
3/9/2022	<0.002	
8/16/2022	0.0017 (J)	
2/15/2023	<0.002	
8/9/2023	0.0019 (J)	
2/19/2024		0.0015 (J)
7/31/2024		0.0015 (J)
2/18/2025		0.0017 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	0.0029	
9/16/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/31/2019	0.0018 (J)	
6/26/2019	0.0021	
9/17/2019	<0.002	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/10/2023	0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	0.0031	
10/28/2011	0.0032	
12/4/2011	0.0031	
2/9/2012	<0.01	
7/18/2012	<0.01	
1/8/2013	0.0013	
7/9/2013	<0.01	
1/15/2014	0.0013	
6/25/2014	0.002	
1/21/2015	0.0013	
7/28/2015	0.0017	
1/26/2016	0.0012 (J)	
3/29/2016	<0.01	
5/25/2016	0.00213 (J)	
7/25/2016	0.0015 (J)	
9/19/2016	0.0022 (J)	
11/16/2016	0.002 (J)	
1/31/2017	0.0022 (J)	
3/23/2017	0.002 (J)	
5/2/2017	0.0019 (J)	
8/7/2017	0.0023 (J)	
1/24/2018	0.0019 (J)	
6/20/2018	0.002 (J)	
1/24/2019	0.003	
6/26/2019	0.0041	
9/16/2019	0.0035	
3/16/2020	0.0019 (J)	
9/10/2020	0.0018 (J)	
3/17/2021	0.0016 (J)	
8/23/2021	0.0017 (J)	
3/7/2022	0.0016 (J)	
8/15/2022	0.0017 (J)	
2/21/2023	0.002	
8/14/2023	0.0022	
2/14/2024		0.0024
8/6/2024		0.0017 (J)
2/18/2025		0.0027

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/26/2016	<0.002	
3/29/2016	<0.002	
5/25/2016	<0.002	
7/22/2016	<0.002	
9/15/2016	<0.002	
11/16/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/26/2018	<0.002	
1/25/2019	0.0011 (J)	
6/26/2019	0.0021	
9/11/2019	0.0023	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/16/2021	0.0022	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/14/2023	<0.002	
2/20/2024		<0.002
8/6/2024		<0.002
2/17/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	0.0019	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/27/2016	<0.002	
3/29/2016	<0.002	
5/25/2016	<0.002	
7/26/2016	<0.002	
9/15/2016	<0.002	
11/17/2016	<0.002	
1/31/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	0.0013 (J)	
6/25/2019	0.0022	
9/12/2019	0.0027	
3/12/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/8/2022	<0.002	
8/15/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/19/2024		<0.002
8/5/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	<0.002	
7/26/2016	<0.002	
9/15/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	0.0013 (J)	
6/25/2019	0.0023	
9/12/2019	0.002	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/17/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/6/2024		<0.002
2/17/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
2/9/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	<0.002	
7/26/2016	<0.002	
9/20/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/23/2017	<0.002	
5/3/2017	<0.002	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	0.0013 (J)	
6/25/2019	0.0022	
9/17/2019	<0.002	
3/16/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/14/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	0.0028	
10/26/2011	0.0023	
12/3/2011	<0.005	
1/25/2012	<0.005	
7/11/2012	0.0022	
1/8/2013	0.0023	
7/2/2013	0.0024	
1/14/2014	0.0023	
6/25/2014	0.0024	
1/13/2015	0.0024	
7/22/2015	0.0023	
1/27/2016	0.0022	
3/30/2016	0.00261 (J)	
5/25/2016	0.00238 (J)	
7/27/2016	0.0025	
9/16/2016	0.0023 (J)	
11/17/2016	0.0022 (J)	
2/1/2017	0.0024 (J)	
3/24/2017	0.0026	
5/3/2017	0.0022 (J)	
8/7/2017	0.0023 (J)	
1/25/2018	0.0023 (J)	
6/20/2018	0.0025	
1/25/2019	0.0038	
6/25/2019	0.0045	
9/11/2019	0.0043	
3/17/2020	0.0024	
9/11/2020	0.0022	
3/17/2021	0.0027	
8/20/2021	0.0021	
3/8/2022	0.0022	
8/16/2022	0.0019 (J)	
2/20/2023	0.0027	
8/14/2023	0.0027	
2/21/2024		0.0013 (J)
8/5/2024		0.0017 (J)
2/11/2025		0.0025

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	0.0014	
10/26/2011	<0.002	
12/3/2011	<0.002	
1/25/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/14/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/28/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	<0.002	
9/19/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	<0.002	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/26/2018	<0.002	
1/24/2019	0.0014 (J)	
6/25/2019	0.0042	
9/11/2019	<0.002	
3/17/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/10/2023	<0.002	
2/20/2024		<0.002
8/7/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	0.0014	
10/26/2011	<0.002	
12/3/2011	<0.002	
2/9/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/25/2016	<0.002	
9/19/2016	<0.002	
11/17/2016	<0.002	
2/1/2017	0.0014 (J)	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	0.0012 (J)	
6/27/2019	0.0022	
9/11/2019	<0.002	
3/17/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/7/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	0.0014	
10/26/2011	<0.002	
12/3/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/25/2016	<0.002	
9/19/2016	<0.002	
11/17/2016	<0.002	
2/2/2017	<0.002	
3/24/2017	<0.002	
5/3/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/26/2019	0.0023	
9/12/2019	0.0024	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/24/2021	<0.002	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	0.0016	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/25/2016	<0.002	
9/20/2016	<0.002	
11/17/2016	<0.002	
2/2/2017	<0.002	
3/28/2017	<0.002	
5/4/2017	<0.002	
8/7/2017	0.0017 (J)	
1/26/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	0.0011 (J)	
6/25/2019	0.0023	
9/11/2019	0.0027	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/22/2023	<0.002	
8/9/2023	0.0015 (J)	
2/20/2024		<0.002
8/2/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	0.0014	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/17/2012	<0.002	
1/9/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/26/2016	<0.002	
3/30/2016	<0.002	
5/26/2016	<0.002	
7/26/2016	<0.002	
9/20/2016	<0.002	
11/17/2016	<0.002	
2/2/2017	<0.002	
3/28/2017	<0.002	
5/4/2017	<0.002	
8/7/2017	<0.002	
1/26/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	0.0012 (J)	
6/25/2019	0.0021	
9/11/2019	0.0022	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	0.0016	
1/22/2013	0.0019	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	0.0011 (J)	
1/14/2015	<0.002	
7/23/2015	0.0015	
1/26/2016	<0.002	
3/31/2016	<0.002	
5/26/2016	<0.002	
7/26/2016	<0.002	
9/20/2016	0.0011 (J)	
11/17/2016	<0.002	
2/3/2017	0.0011 (J)	
3/28/2017	0.0027	
5/3/2017	0.0018 (J)	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	0.0015 (J)	
1/24/2019	0.0021 (J)	
6/25/2019	0.003	
9/10/2019	0.0026	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/19/2021	<0.002	
3/8/2022	<0.002	
8/17/2022	<0.002	
2/14/2023	<0.002	
8/14/2023	0.0015 (J)	
2/14/2024		0.0014 (J)
8/6/2024		<0.002
2/11/2025		0.0015 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	0.0019	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/23/2013	0.0013	
1/22/2014	<0.002	
7/1/2014	0.0011 (J)	
1/22/2015	<0.002	
7/29/2015	0.0012 (J)	
1/21/2016	<0.002	
3/29/2016	0.00226 (J)	
5/25/2016	<0.002	
7/27/2016	<0.002	
9/20/2016	<0.002	
11/18/2016	<0.002	
2/3/2017	<0.002	
3/28/2017	<0.002	
5/4/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/25/2019	0.0017 (J)	
6/26/2019	0.0023	
9/12/2019	0.0024	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/9/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.002	
7/31/2015	<0.002	
1/20/2016	<0.002	
3/30/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	<0.002	
9/16/2016	<0.002	
11/18/2016	<0.002	
2/3/2017	0.0011 (J)	
3/29/2017	<0.002	
5/4/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/31/2019	0.0022 (J)	
6/26/2019	0.0027	
9/11/2019	0.0023	
3/12/2020	<0.002	
9/15/2020	<0.002	
3/18/2021	<0.002	
8/19/2021	<0.002	
3/10/2022	<0.002	
8/18/2022	<0.002	
2/16/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.0015	
10/31/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	0.0065 (O)	
7/17/2012	0.0025	
7/24/2013	0.0017	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	<0.002	
1/21/2016	0.002	
3/28/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	<0.002	
9/19/2016	<0.002	
11/15/2016	<0.002	
1/24/2017	0.0043	
3/23/2017	<0.002	
5/2/2017	0.015 (O)	
8/3/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0026	
6/25/2019	0.003	
9/11/2019	0.0034	
3/12/2020	<0.002	
9/14/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	0.0016 (J)	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/21/2024		<0.002
8/1/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	0.0018	
10/29/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/31/2015	<0.002	
1/25/2016	<0.002	
3/24/2016	<0.002	
5/25/2016	<0.002	
7/26/2016	<0.002	
9/19/2016	<0.002	
11/14/2016	<0.002	
1/19/2017	<0.002	
3/16/2017	<0.002	
5/1/2017	<0.002	
8/3/2017	<0.002	
1/22/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0018 (J)	
6/25/2019	0.003	
9/12/2019	0.0033	
3/13/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/20/2024		<0.002
8/2/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
1/25/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	<0.002	
1/22/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/26/2016	<0.002	
9/19/2016	<0.002	
11/11/2016	<0.002	
1/20/2017	<0.002	
3/16/2017	<0.002	
4/28/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0015 (J)	
6/26/2019	0.0022	
9/12/2019	0.0024	
3/12/2020	<0.002	
9/9/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		0.0014 (J)
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.002	
10/28/2011	<0.002	
12/13/2011	<0.002	
2/8/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/19/2016	<0.002	
3/23/2016	<0.002	
5/20/2016	<0.002	
7/21/2016	<0.002	
9/20/2016	0.0011 (J)	
11/14/2016	<0.002	
1/24/2017	<0.002	
3/17/2017	<0.002	
5/1/2017	<0.002	
8/4/2017	<0.002	
1/24/2018	<0.002	
6/21/2018	0.0015 (J)	
1/30/2019	0.0018 (J)	
6/27/2019	0.0025	
9/10/2019	0.0019 (J)	
3/11/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/2/2022	<0.002	
8/10/2022	<0.002	
2/14/2023	<0.002	
8/16/2023	<0.002	
2/21/2024		<0.002
8/5/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	0.0052	
10/31/2011	<0.002	
2/7/2012	<0.002	
1/23/2013	<0.002	
1/23/2014	0.002	
7/1/2014	0.0046	
1/21/2015	0.0026	
1/25/2016	0.0014	
3/30/2016	0.00334 (J)	
5/25/2016	0.00321 (J)	
7/27/2016	0.0043	
1/25/2017	0.0027	
3/23/2017	0.0022 (J)	
5/2/2017	0.0027	
7/19/2017	0.0019 (J)	
8/4/2017	0.0021 (J)	
1/23/2018	0.012	
6/27/2018	0.0017 (J)	
1/31/2019	0.0031	
6/26/2019	0.0037	
9/11/2019	0.0084	
3/17/2020	<0.002	
9/11/2020	0.0018 (J)	
3/16/2021	0.002	
8/25/2021	<0.002	
3/10/2022	<0.002	
8/16/2022	<0.002	
2/22/2023	0.0014 (J)	
8/16/2023	0.0041	
2/21/2024		<0.002
8/2/2024		0.0016 (J)
2/18/2025		0.0015 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.002	
10/31/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/25/2016	<0.002	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/22/2016	<0.002	
9/16/2016	<0.002	
11/15/2016	<0.002	
1/26/2017	<0.002	
3/24/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	0.0053 (O)	
1/23/2018	<0.002	
6/26/2018	<0.002	
1/30/2019	0.0017 (J)	
6/27/2019	0.0022	
9/12/2019	0.0024	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/15/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		0.0019 (J)
8/6/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.002	
10/30/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
1/20/2015	0.0013	
7/29/2015	0.0028	
1/25/2016	0.001 (J)	
3/23/2016	<0.002	
5/24/2016	<0.002	
7/22/2016	<0.002	
9/16/2016	<0.002	
11/17/2016	0.0034	
1/25/2017	<0.002	
3/23/2017	0.0032	
5/1/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	<0.002	
6/26/2018	<0.002	
1/30/2019	0.0026	
6/26/2019	0.0022	
9/12/2019	0.0032	
3/12/2020	0.0018 (J)	
9/16/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	0.0012 (J)	
2/20/2024		0.0025
7/31/2024		0.0015 (J)
2/19/2025		0.0014 (J)

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/29/2015	<0.002	
1/21/2016	<0.002	
3/24/2016	<0.002	
5/23/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/15/2016	<0.002	
1/25/2017	<0.002	
3/22/2017	<0.002	
5/1/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/20/2018	<0.002	
1/28/2019	0.00076 (J)	
6/26/2019	0.0022	
9/11/2019	0.0034	
3/11/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/2/2022	<0.002	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/5/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/28/2015	<0.002	
1/21/2016	<0.002	
3/24/2016	<0.002	
5/23/2016	<0.002	
7/21/2016	<0.002	
9/15/2016	<0.002	
11/15/2016	<0.002	
1/26/2017	<0.002	
3/22/2017	<0.002	
5/2/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	0.0013 (J)	
6/26/2019	0.0022	
9/12/2019	0.0026	
3/11/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/5/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/13/2011	<0.0025	
1/31/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/17/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	0.00068 (J)	
7/21/2015	<0.0025	
1/21/2016	<0.0025	
3/23/2016	<0.0025	
5/20/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/11/2016	<0.0025	
1/19/2017	<0.0025	
3/16/2017	<0.0025	
4/28/2017	0.00044 (J)	
8/3/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/17/2019	0.00033 (J)	
6/24/2019	0.00019 (J)	
9/9/2019	0.00019 (J)	
3/10/2020	0.00017 (J)	
9/9/2020	<0.0025	
3/15/2021	0.00022 (J)	
8/16/2021	<0.0025	
2/28/2022	0.00087 (J)	
8/9/2022	0.00038 (J)	
2/14/2023	<0.0025	
8/9/2023	0.00023 (J)	
2/13/2024		0.00041 (J)
7/30/2024		0.0003 (J)
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.0025	
10/27/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/23/2012	<0.0025	
1/23/2013	<0.0025	
7/24/2013	<0.0025	
1/22/2014	<0.0025	
7/1/2014	0.00056 (J)	
1/22/2015	0.00067 (J)	
7/22/2015	<0.0025	
1/20/2016	<0.0025	
3/23/2016	<0.0025	
5/24/2016	<0.0025	
7/26/2016	<0.0025	
9/16/2016	0.0011 (J)	
11/10/2016	<0.0025	
1/19/2017	<0.0025	
3/17/2017	<0.0025	
4/28/2017	0.00045 (J)	
8/2/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	0.00061 (J)	
1/17/2019	0.00018 (J)	
6/24/2019	0.00019 (J)	
9/10/2019	0.00029 (J)	
3/10/2020	0.00017 (J)	
9/10/2020	0.00019 (J)	
3/15/2021	0.00021 (J)	
8/18/2021	0.0002 (J)	
3/1/2022	<0.0025	
8/9/2022	<0.0025	
2/14/2023	<0.0025	
8/9/2023	<0.0025	
2/14/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	0.0028	
10/27/2011	<0.0025	
12/14/2011	<0.0025	
2/1/2012	0.0027	
7/23/2012	0.0073	
1/23/2013	0.0029	
7/17/2013	0.0033	
1/15/2014	0.0076	
6/25/2014	0.0044	
1/14/2015	0.015	
7/21/2015	0.0053	
1/20/2016	0.0034	
3/23/2016	0.00443 (J)	
5/19/2016	0.00361 (J)	
7/21/2016	0.0058	
9/14/2016	0.0075	
11/10/2016	0.01	
1/17/2017	0.013	
3/16/2017	0.0059	
4/27/2017	0.0052	
8/2/2017	0.005	
1/22/2018	0.0046	
6/19/2018	0.005	
1/17/2019	0.0038	
6/24/2019	0.006	
9/10/2019	0.0062	
3/10/2020	0.0035	
9/9/2020	0.0047	
3/15/2021	0.0073	
8/18/2021	0.005	
3/1/2022	0.0067	
8/9/2022	0.0075	
2/14/2023	0.0037	
8/9/2023	0.003	
2/14/2024		0.0028
7/29/2024		0.0034
2/10/2025		0.0029

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.0025	
10/28/2011	<0.0025	
12/12/2011	<0.0025	
1/31/2012	<0.0025	
7/17/2012	<0.0025	
1/24/2013	<0.0025	
7/24/2013	<0.0025	
1/22/2014	<0.0025	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/22/2015	<0.0025	
1/19/2016	<0.0025	
3/22/2016	<0.0025	
5/19/2016	<0.0025	
7/21/2016	<0.0025	
1/17/2017	<0.0025	
3/15/2017	<0.0025	
4/27/2017	<0.0025	
7/18/2017	<0.0025	
8/1/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/18/2019	<0.0025	
6/25/2019	0.00012 (J)	
9/10/2019	8.9E-05 (J)	
3/10/2020	<0.0025	
9/9/2020	<0.0025	
3/15/2021	<0.0025	
8/18/2021	<0.0025	
3/2/2022	<0.0025	
8/9/2022	<0.0025	
2/13/2023	<0.0025	
8/8/2023	<0.0025	
2/14/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	0.02	
10/27/2011	0.038	
12/5/2011	0.04	
1/25/2012	0.043	
7/18/2012	0.028	
1/9/2013	0.037	
7/17/2013	0.018	
1/15/2014	0.018	
6/25/2014	0.019	
1/13/2015	0.012	
7/24/2015	0.013	
1/20/2016	0.012	
3/28/2016	0.0101	
5/23/2016	0.00701 (J)	
7/21/2016	0.0079	
9/15/2016	0.02	
11/15/2016	0.011	
1/26/2017	0.0075	
3/22/2017	0.0063	
5/2/2017	0.0036	
8/3/2017	0.0061	
1/23/2018	0.01	
6/25/2018	0.0049	
1/30/2019	0.00068 (J)	
6/26/2019	0.0054	
9/12/2019	0.0062	
3/16/2020	0.0049	
9/9/2020	0.0048	
3/17/2021	0.0042	
8/19/2021	0.0045	
3/2/2022	0.0048	
8/11/2022	0.0022 (J)	
2/20/2023	0.004	
8/14/2023	0.0023 (J)	
2/14/2024		0.0041
7/31/2024		0.0032
2/14/2025		0.0036

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.013	
10/30/2011	0.037 (O)	
12/5/2011	0.029 (O)	
1/25/2012	0.018	
7/24/2012	0.011	
1/8/2013	0.012	
7/9/2013	0.017	
1/15/2014	0.017	
6/25/2014	0.0099	
1/20/2015	0.0098	
7/24/2015	0.012	
1/20/2016	0.01	
3/28/2016	0.0104	
5/24/2016	0.00926 (J)	
7/21/2016	0.01	
9/15/2016	0.014	
11/16/2016	0.015	
1/26/2017	0.011	
3/22/2017	0.012	
5/2/2017	0.0094	
8/3/2017	0.014	
1/23/2018	0.013	
6/25/2018	0.014	
1/30/2019	0.017	
6/26/2019	0.012	
9/12/2019	0.019	
3/16/2020	0.012	
9/11/2020	0.017	
3/17/2021	0.015	
8/18/2021	0.013	
3/2/2022	0.011	
8/11/2022	0.015	
2/20/2023	0.013	
8/14/2023	0.013	
2/14/2024		0.0078
8/1/2024		0.016
2/18/2025		0.0067

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	0.017	
1/7/2013	0.03	
7/9/2013	0.028	
1/14/2014	0.021	
6/24/2014	0.011	
1/20/2015	0.0088	
7/27/2015	0.0061	
1/26/2016	0.002	
3/29/2016	0.00652 (J)	
5/24/2016	0.00462 (J)	
7/22/2016	0.0042	
9/15/2016	0.0036	
11/16/2016	0.0044	
1/26/2017	0.00091 (J)	
3/22/2017	0.0016 (J)	
5/2/2017	0.011	
8/4/2017	0.0033	
1/23/2018	0.0028	
6/25/2018	0.0057	
1/21/2019	0.00051 (J)	
6/25/2019	0.0039	
9/10/2019	0.0035	
3/12/2020	0.00066 (J)	
9/14/2020	0.0028	
3/16/2021	0.00057 (J)	
8/19/2021	0.0023 (J)	
3/2/2022	0.00043 (J)	
8/11/2022	0.0019 (J)	
2/21/2023	0.00079 (J)	
8/9/2023	0.0013 (J)	
2/21/2024		0.00076 (J)
8/1/2024		0.0015 (J)
2/13/2025		0.00057 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	0.14 (O)	
10/30/2011	0.021	
12/5/2011	0.17 (O)	
1/19/2012	0.028	
7/18/2012	0.037	
1/7/2013	0.037	
7/9/2013	0.065	
1/14/2014	0.026	
6/24/2014	0.034	
1/20/2015	0.031	
7/27/2015	0.031	
1/26/2016	0.021	
3/29/2016	0.0208	
5/24/2016	0.0649	
7/26/2016	0.044	
9/19/2016	0.059	
11/16/2016	0.064	
1/26/2017	0.0017 (J)	
3/23/2017	0.025	
5/3/2017	0.047	
8/7/2017	0.042	
1/24/2018	0.014	
6/21/2018	0.04	
1/22/2019	0.013	
6/25/2019	0.035	
9/10/2019	0.041	
3/12/2020	0.0047	
9/14/2020	0.028	
3/16/2021	0.0052	
8/20/2021	0.013	
3/2/2022	0.005	
8/11/2022	0.021	
2/15/2023	0.0016 (J)	
8/9/2023	0.014	
2/21/2024		0.0017 (J)
7/30/2024		0.0076
2/13/2025		0.0012 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.27 (O)	
10/30/2011	<0.0025	
12/4/2011	0.14	
1/19/2012	0.13	
7/18/2012	0.12	
1/8/2013	0.056	
7/9/2013	0.042	
1/14/2014	0.038	
6/24/2014	0.039	
1/20/2015	0.037	
7/27/2015	0.04	
1/26/2016	0.028	
3/29/2016	0.0328	
5/24/2016	0.0334	
7/25/2016	0.051	
9/19/2016	0.055	
11/16/2016	0.061	
1/31/2017	0.15	
3/23/2017	0.091	
5/2/2017	0.049	
8/7/2017	0.057	
1/24/2018	0.044	
6/21/2018	0.049	
1/22/2019	0.028	
6/25/2019	0.043	
9/16/2019	0.042	
3/16/2020	0.026	
9/11/2020	0.045	
3/16/2021	0.035	
8/25/2021	0.027	
3/9/2022	0.024	
8/16/2022	0.15	
2/15/2023	0.022	
8/9/2023	0.058	
2/19/2024		0.022
7/31/2024		0.072
2/18/2025		0.022

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0048	
3/30/2016	0.0025 (J)	
5/25/2016	0.00272 (J)	
7/27/2016	0.0052	
9/16/2016	0.0048	
11/17/2016	0.0095	
2/1/2017	0.009	
3/24/2017	0.0026	
5/3/2017	0.0073	
8/8/2017	0.0037	
1/25/2018	0.01	
6/21/2018	0.012	
1/31/2019	0.0063	
6/26/2019	0.0051	
9/17/2019	0.006	
3/17/2020	0.0038	
9/10/2020	0.0046	
3/18/2021	0.0018 (J)	
8/20/2021	0.0041	
3/8/2022	0.0028	
8/16/2022	0.0011 (J)	
2/15/2023	0.0042	
8/10/2023	0.0028	
2/20/2024		0.0034
7/31/2024		0.0028
2/19/2025		0.0041

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	0.013	
10/28/2011	0.014	
12/4/2011	0.011	
2/9/2012	0.0091	
7/18/2012	0.0061	
1/8/2013	0.0035	
7/9/2013	0.0044	
1/15/2014	0.0043	
6/25/2014	0.011	
1/21/2015	0.0057	
7/28/2015	0.009	
1/26/2016	0.0025	
3/29/2016	0.00664 (J)	
5/25/2016	0.0102	
7/25/2016	0.0059	
9/19/2016	0.0061	
11/16/2016	0.005	
1/31/2017	0.012	
3/23/2017	0.013	
5/2/2017	0.013	
8/7/2017	0.0099	
1/24/2018	0.0047	
6/20/2018	0.0063	
1/24/2019	0.0015 (J)	
6/26/2019	0.0037	
9/16/2019	0.0034	
3/16/2020	0.0014 (J)	
9/10/2020	0.0026	
3/17/2021	0.0034	
8/23/2021	0.0019 (J)	
3/7/2022	0.0016 (J)	
8/15/2022	0.0014 (J)	
2/21/2023	0.00073 (J)	
8/14/2023	0.0013 (J)	
2/14/2024		0.0013 (J)
8/6/2024		0.0016 (J)
2/18/2025		0.0035

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.0025	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
7/28/2015	<0.0025	
1/26/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/22/2016	<0.0025	
9/15/2016	<0.0025	
11/16/2016	<0.0025	
1/31/2017	<0.0025	
3/23/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/24/2018	<0.0025	
6/26/2018	<0.0025	
1/25/2019	0.00032 (J)	
6/26/2019	0.00039 (J)	
9/11/2019	0.00017 (J)	
3/18/2020	0.0012 (J)	
9/10/2020	0.0043	
3/16/2021	0.0013 (J)	
8/19/2021	0.00044 (J)	
3/7/2022	0.00071 (J)	
8/16/2022	<0.0025	
2/15/2023	0.0018 (J)	
8/14/2023	0.00033 (J)	
2/20/2024		0.00039 (J)
8/6/2024		0.0003 (J)
2/17/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.0013	
10/27/2011	0.044 (O)	
12/3/2011	0.0037	
1/24/2012	0.021	
7/11/2012	<0.0013	
1/8/2013	<0.0013	
7/10/2013	0.0014	
1/21/2014	0.043	
7/1/2014	0.0011 (J)	
1/14/2015	0.019	
7/22/2015	0.016	
1/27/2016	0.45	
3/30/2016	0.176	
4/20/2016	0.13	
5/25/2016	0.0616	
7/26/2016	0.32	
9/15/2016	0.014	
11/17/2016	0.01	
2/1/2017	0.2	
3/23/2017	0.14	
5/3/2017	0.23	
8/7/2017	0.026	
1/25/2018	0.23	
6/20/2018	0.048	
1/22/2019	0.22	
6/25/2019	0.23	
9/12/2019	0.013	
3/17/2020	0.16	
9/10/2020	0.078	
3/17/2021	0.15	
8/23/2021	0.31	
3/7/2022	0.19	
8/16/2022	0.02	
2/17/2023	0.29	
8/14/2023	0.4	
2/19/2024		0.32
8/6/2024		0.06
2/17/2025		0.34

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/3/2011	<0.0025	
2/9/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/2/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	<0.0025	
1/14/2015	0.00063 (J)	
7/22/2015	0.00065 (J)	
1/27/2016	0.0016	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	0.001 (J)	
2/1/2017	<0.0025	
3/23/2017	0.0013 (J)	
5/3/2017	0.00055 (J)	
8/4/2017	0.0018 (J)	
1/25/2018	0.00072 (J)	
6/20/2018	<0.0025	
1/22/2019	0.00016 (J)	
6/25/2019	0.00012 (J)	
9/17/2019	<0.0025	
3/16/2020	<0.0025	
9/10/2020	<0.0025	
3/18/2021	<0.0025	
8/24/2021	0.00018 (J)	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/21/2023	<0.0025	
8/14/2023	<0.0025	
2/21/2024		<0.0025
8/6/2024		0.00036 (J)
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	0.0033 (O)	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
1/25/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/2/2013	<0.0025	
1/14/2014	<0.0025	
6/25/2014	<0.0025	
1/13/2015	<0.0025	
7/22/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/16/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/25/2019	0.00013 (J)	
6/25/2019	<0.0025	
9/11/2019	<0.0025	
3/17/2020	<0.0025	
9/11/2020	<0.0025	
3/17/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/16/2022	<0.0025	
2/20/2023	<0.0025	
8/14/2023	<0.0025	
2/21/2024		<0.0025
8/5/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
1/25/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/14/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/28/2015	<0.0025	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/1/2017	<0.0025	
3/24/2017	<0.0025	
5/3/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/26/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/11/2019	<0.0025	
3/17/2020	<0.0025	
9/14/2020	<0.0025	
3/16/2021	<0.0025	
8/20/2021	<0.0025	
3/8/2022	<0.0025	
8/11/2022	<0.0025	
2/20/2023	<0.0025	
8/10/2023	<0.0025	
2/20/2024		0.00034 (J)
8/7/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	0.0042	
10/26/2011	<0.0025	
12/3/2011	0.0036	
2/8/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	0.0017	
7/16/2013	<0.0025	
1/21/2014	0.00055 (J)	
6/24/2014	0.00071 (J)	
1/13/2015	0.00085 (J)	
7/23/2015	0.00099 (J)	
1/27/2016	0.00077 (J)	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	<0.0025	
9/19/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	0.011 (O)	
3/24/2017	0.0016 (J)	
5/3/2017	0.0017 (J)	
8/7/2017	0.00081 (J)	
1/25/2018	0.00047 (J)	
6/21/2018	0.0009 (J)	
1/28/2019	0.00043 (J)	
6/26/2019	0.00042 (J)	
9/12/2019	0.00035 (J)	
3/18/2020	0.0016 (J)	
9/15/2020	0.0003 (J)	
3/17/2021	0.00038 (J)	
8/24/2021	0.00053 (J)	
3/8/2022	0.00038 (J)	
8/11/2022	<0.0025	
2/21/2023	0.00053 (J)	
8/9/2023	<0.0025	
2/21/2024		0.0003 (J)
8/6/2024		<0.0025
2/14/2025		0.00049 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/4/2011	<0.0025	
2/8/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/24/2014	0.00071 (J)	
1/13/2015	<0.0025	
7/23/2015	0.0011 (J)	
1/27/2016	<0.0025	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/25/2016	0.00042 (J)	
9/20/2016	0.00064 (J)	
11/17/2016	<0.0025	
2/2/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	0.00058 (J)	
6/21/2018	<0.0025	
1/28/2019	<0.0025	
6/25/2019	0.00012 (J)	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/15/2020	<0.0025	
3/16/2021	<0.0025	
8/24/2021	<0.0025	
3/7/2022	<0.0025	
8/16/2022	<0.0025	
2/22/2023	<0.0025	
8/9/2023	<0.0025	
2/20/2024		<0.0025
8/2/2024		0.00038 (J)
2/14/2025		0.00039 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	0.0047	
10/27/2011	0.0032	
12/4/2011	0.003	
2/8/2012	0.0035	
7/17/2012	0.0043	
1/9/2013	0.0019	
7/16/2013	0.0043	
1/21/2014	0.00093 (J)	
6/24/2014	<0.0025	
1/13/2015	0.00058 (J)	
7/23/2015	<0.0025	
1/26/2016	0.0015	
3/30/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/2/2017	0.0004 (J)	
3/28/2017	0.00047 (J)	
5/4/2017	0.00043 (J)	
8/7/2017	0.0024 (J)	
1/26/2018	0.0048	
6/20/2018	0.0031	
1/24/2019	0.0028	
6/25/2019	0.0028	
9/11/2019	0.0017	
3/18/2020	0.0006 (J)	
9/15/2020	0.0027	
3/16/2021	0.0022 (J)	
8/19/2021	0.0049	
3/7/2022	0.0026	
8/16/2022	0.0031	
2/21/2023	0.0029	
8/9/2023	0.0042	
2/19/2024		0.0025
7/30/2024		0.00081 (J)
2/11/2025		0.0017 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.0025	
10/29/2011	<0.0025	
12/13/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/22/2013	<0.0025	
7/16/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/23/2015	<0.0025	
1/26/2016	<0.0025	
3/31/2016	<0.0025	
5/26/2016	<0.0025	
7/26/2016	<0.0025	
9/20/2016	<0.0025	
11/17/2016	<0.0025	
2/3/2017	<0.0025	
3/28/2017	<0.0025	
5/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/24/2019	<0.0025	
6/25/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00027 (J)	
9/10/2020	<0.0025	
3/15/2021	0.00013 (J)	
8/19/2021	<0.0025	
3/8/2022	<0.0025	
8/17/2022	<0.0025	
2/14/2023	<0.0025	
8/14/2023	<0.0025	
2/14/2024		<0.0025
8/6/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	0.0037 (O)	
10/29/2011	<0.0025	
12/13/2011	0.003 (O)	
1/31/2012	0.0027	
7/18/2012	0.0021	
1/22/2013	0.002	
7/23/2013	0.0013	
1/22/2014	0.00035 (J)	
7/1/2014	0.00088 (J)	
1/22/2015	<0.0025	
7/29/2015	0.00052 (J)	
1/21/2016	<0.0025	
3/29/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
9/20/2016	<0.0025	
11/18/2016	<0.0025	
2/3/2017	<0.0025	
3/28/2017	<0.0025	
5/4/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/20/2018	<0.0025	
1/25/2019	8.4E-05 (J)	
6/26/2019	<0.0025	
9/12/2019	9.3E-05 (J)	
3/18/2020	0.00022 (J)	
9/10/2020	0.00016 (J)	
3/18/2021	0.00024 (J)	
8/23/2021	<0.0025	
3/9/2022	<0.0025	
8/16/2022	<0.0025	
2/21/2023	<0.0025	
8/15/2023	<0.0025	
2/19/2024		<0.0025
7/30/2024		<0.0025
2/11/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	0.0023	
7/31/2015	0.0018	
1/20/2016	0.0023	
3/30/2016	<0.01	
5/25/2016	<0.01	
7/27/2016	0.00095 (J)	
9/16/2016	0.0053	
11/18/2016	0.0011 (J)	
2/3/2017	0.00097 (J)	
3/29/2017	0.00059 (J)	
5/4/2017	0.0011 (J)	
8/8/2017	0.0011 (J)	
1/25/2018	0.00088 (J)	
6/27/2018	0.00086 (J)	
1/31/2019	0.0029	
6/26/2019	0.001	
9/11/2019	0.0013	
3/12/2020	0.002 (J)	
9/15/2020	0.0018 (J)	
3/18/2021	0.0028	
8/19/2021	0.0028	
3/10/2022	0.0011 (J)	
8/18/2022	0.00098 (J)	
2/16/2023	0.0019 (J)	
8/16/2023	0.00094 (J)	
2/22/2024		0.0045
8/6/2024		0.0007 (J)
2/14/2025		0.003

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.0025	
10/31/2011	0.0042	
12/14/2011	0.0047	
2/7/2012	<0.0025	
7/17/2012	0.044	
7/24/2013	0.041	
1/23/2014	0.0077	
7/8/2014	0.028	
1/21/2015	0.0063	
7/30/2015	0.01	
1/21/2016	0.0094	
3/28/2016	0.0117	
5/25/2016	0.0122	
7/27/2016	0.0065	
9/19/2016	0.0071	
11/15/2016	0.029	
1/24/2017	0.033	
3/23/2017	0.022	
5/2/2017	0.036	
8/3/2017	0.00041 (J)	
1/25/2018	0.01	
6/27/2018	0.01	
1/24/2019	0.0014 (J)	
6/25/2019	0.001	
9/11/2019	0.013	
3/12/2020	0.0066	
9/14/2020	0.0074	
3/17/2021	0.004	
8/19/2021	0.0041	
3/8/2022	0.0023 (J)	
8/10/2022	0.002 (J)	
2/21/2023	0.0047	
8/15/2023	0.0054	
2/21/2024		0.0035
8/1/2024		0.0049
2/14/2025		0.0027

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.0025	
10/29/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/17/2012	<0.0025	
1/24/2013	0.0018	
7/24/2013	<0.0025	
1/23/2014	0.00041 (J)	
7/8/2014	<0.0025	
1/21/2015	<0.0025	
7/31/2015	<0.0025	
1/25/2016	<0.0025	
3/24/2016	<0.0025	
5/25/2016	<0.0025	
7/26/2016	<0.0025	
9/19/2016	<0.0025	
11/14/2016	0.00061 (J)	
1/19/2017	<0.0025	
3/16/2017	<0.0025	
5/1/2017	<0.0025	
8/3/2017	<0.0025	
1/22/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019	0.00012 (J)	
6/25/2019	0.00017 (J)	
9/12/2019	0.00012 (J)	
3/13/2020	0.00015 (J)	
9/15/2020	<0.0025	
3/17/2021	<0.0025	
8/19/2021	<0.0025	
3/9/2022	<0.0025	
8/10/2022	<0.0025	
2/21/2023	<0.0025	
8/16/2023	<0.0025	
2/20/2024		<0.0025
8/2/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.0025	
10/29/2011	<0.0025	
12/14/2011	<0.0025	
1/25/2012	<0.0025	
7/17/2012	0.0023	
1/24/2013	0.0033	
7/24/2013	0.0046	
1/23/2014	0.0024	
7/8/2014	0.0027	
1/21/2015	0.0025	
7/30/2015	0.003	
1/22/2016	0.0018	
3/23/2016	0.00275 (J)	
5/24/2016	0.0024 (J)	
7/26/2016	0.0043	
9/19/2016	0.0024 (J)	
11/11/2016	0.0018 (J)	
1/20/2017	0.0027	
3/16/2017	0.0024 (J)	
4/28/2017	0.0026	
8/3/2017	0.0024 (J)	
1/19/2018	0.0019 (J)	
6/27/2018	0.002 (J)	
1/24/2019	0.0019 (J)	
6/26/2019	0.0023	
9/12/2019	0.0022	
3/12/2020	0.0009 (J)	
9/9/2020	0.0034	
3/18/2021	0.0017 (J)	
8/23/2021	0.0014 (J)	
3/8/2022	0.0013 (J)	
8/10/2022	0.0015 (J)	
2/20/2023	0.0023 (J)	
8/15/2023	0.0012 (J)	
2/20/2024		0.001 (J)
7/30/2024		0.0011 (J)
2/11/2025		0.001 (J)

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.0025	
10/31/2011	<0.0025	
2/7/2012	<0.0025	
1/23/2013	<0.0025	
1/23/2014	<0.0025	
7/1/2014	<0.0025	
1/21/2015	<0.0025	
1/25/2016	<0.0025	
3/30/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	0.0015 (J)	
1/25/2017	<0.0025	
3/23/2017	<0.0025	
5/2/2017	<0.0025	
7/19/2017	<0.0025	
8/4/2017	<0.0025	
1/23/2018	<0.0025	
6/27/2018	<0.0025	
1/31/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	0.00044 (J)	
3/17/2020	0.00017 (J)	
9/11/2020	<0.0025	
3/16/2021	0.00013 (J)	
8/25/2021	<0.0025	
3/10/2022	<0.0025	
8/16/2022	<0.0025	
2/22/2023	<0.0025	
8/16/2023	0.00031 (J)	
2/21/2024		<0.0025
8/2/2024		<0.0025
2/18/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.0025	
10/31/2011	<0.0025	
12/13/2011	<0.0025	
2/1/2012	<0.0025	
7/17/2012	<0.0025	
1/23/2013	<0.0025	
7/24/2013	<0.0025	
1/23/2014	<0.0025	
7/1/2014	<0.0025	
1/20/2015	<0.0025	
7/30/2015	<0.0025	
1/25/2016	<0.0025	
3/23/2016	<0.0025	
5/24/2016	<0.0025	
7/22/2016	0.00058 (J)	
9/16/2016	0.00088 (J)	
11/15/2016	<0.0025	
1/26/2017	0.0013 (J)	
3/24/2017	0.0012 (J)	
5/2/2017	0.00095 (J)	
8/3/2017	0.00045 (J)	
1/23/2018	0.00053 (J)	
6/26/2018	<0.0025	
1/30/2019	0.00012 (J)	
6/27/2019	0.00017 (J)	
9/12/2019	0.00087	
3/18/2020	0.001 (J)	
9/15/2020	<0.0025	
3/17/2021	0.00021 (J)	
8/24/2021	<0.0025	
3/9/2022	<0.0025	
8/10/2022	<0.0025	
2/15/2023	<0.0025	
8/15/2023	<0.0025	
2/20/2024		<0.0025
8/6/2024		<0.0025
2/19/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.0025	
10/30/2011	0.0031	
12/13/2011	0.0033	
2/1/2012	<0.0025	
7/17/2012	0.0037	
1/23/2013	0.002	
7/17/2013	0.0013	
1/23/2014	0.00071 (J)	
1/20/2015	0.0013	
7/29/2015	0.00054 (J)	
1/25/2016	0.00082 (J)	
3/23/2016	<0.0025	
5/24/2016	0.0136 (O)	
7/22/2016	0.01 (O)	
9/16/2016	0.011 (O)	
11/17/2016	0.0032	
1/25/2017	<0.0025	
3/23/2017	0.0037	
5/1/2017	0.0085 (O)	
8/4/2017	0.0023 (J)	
1/23/2018	0.0024 (J)	
6/26/2018	0.0042	
1/30/2019	0.00012 (J)	
6/26/2019	0.0025	
9/12/2019	0.00083	
3/12/2020	0.0013 (J)	
9/16/2020	0.0019 (J)	
3/18/2021	0.00015 (J)	
8/24/2021	<0.0025	
3/9/2022	0.00031 (J)	
8/15/2022	<0.0025	
2/20/2023	<0.0025	
8/15/2023	<0.0025	
2/20/2024		<0.0025
7/31/2024		<0.0025
2/19/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	<0.0025	
2/1/2012	<0.0025	
7/16/2012	<0.0025	
1/22/2013	<0.0025	
7/17/2013	<0.0025	
1/23/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/29/2015	<0.0025	
1/21/2016	<0.0025	
3/24/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	0.00043 (J)	
1/25/2017	<0.0025	
3/22/2017	<0.0025	
5/1/2017	<0.0025	
8/3/2017	0.027 (O)	
1/23/2018	<0.0025	
6/20/2018	<0.0025	
1/28/2019	<0.0025	
6/26/2019	<0.0025	
9/11/2019	0.00011 (J)	
3/11/2020	<0.0025	
9/11/2020	<0.0025	
3/16/2021	<0.0025	
8/24/2021	<0.0025	
3/2/2022	<0.0025	
8/10/2022	<0.0025	
2/20/2023	<0.0025	
8/16/2023	<0.0025	
2/22/2024		<0.0025
8/5/2024		<0.0025
2/13/2025		<0.0025

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	0.0025	
2/1/2012	<0.0025	
7/16/2012	0.0017	
1/22/2013	0.0013	
7/2/2013	<0.0025	
1/21/2014	0.00076 (J)	
6/25/2014	0.00093 (J)	
1/14/2015	0.00069 (J)	
7/28/2015	0.00053 (J)	
1/21/2016	0.0005 (J)	
3/24/2016	<0.0025	
5/23/2016	<0.0025	
7/21/2016	<0.0025	
9/15/2016	<0.0025	
11/15/2016	<0.0025	
1/26/2017	<0.0025	
3/22/2017	<0.0025	
5/2/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/19/2018	0.00042 (J)	
1/21/2019	0.00025 (J)	
6/26/2019	0.00028 (J)	
9/12/2019	0.00027 (J)	
3/11/2020	0.00022 (J)	
9/11/2020	0.00028 (J)	
3/16/2021	0.00026 (J)	
8/18/2021	0.00022 (J)	
3/2/2022	<0.0025	
8/15/2022	0.00036 (J)	
2/20/2023	<0.0025	
8/16/2023	0.00052 (J)	
2/22/2024		0.00032 (J)
8/5/2024		0.00062 (J)
2/18/2025		0.00054 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.002	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/23/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	0.0011 (J)	
1/22/2015	<0.002	
7/22/2015	0.0012 (J)	
1/20/2016	<0.002	
7/26/2016	<0.002	
1/19/2017	<0.002	
8/2/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	<0.002	
6/24/2019	0.0011 (J)	
9/10/2019	0.0014 (J)	
3/10/2020	<0.002	
9/10/2020	0.00099 (J)	
3/15/2021	0.001 (J)	
8/18/2021	0.0011 (J)	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/25/2012	<0.002	
7/16/2012	<0.002	
1/24/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	0.0012 (J)	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/21/2015	<0.002	
1/22/2016	<0.002	
7/25/2016	<0.002	
1/17/2017	<0.002	
8/1/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	<0.002	
6/25/2019	<0.002	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	<0.002	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.013	
10/28/2011	<0.013	
12/12/2011	<0.013	
1/31/2012	0.018	
7/17/2012	0.0066	
1/24/2013	0.015	
7/24/2013	0.015	
1/22/2014	0.015	
7/8/2014	0.0081	
1/21/2015	0.0088	
7/22/2015	0.0072	
1/19/2016	0.0083	
7/21/2016	0.0056	
1/17/2017	0.0065	
8/1/2017	0.0044	
1/19/2018	0.0046	
6/19/2018	0.0063	
1/18/2019	0.0059	
6/25/2019	0.0085	
9/10/2019	0.0074	
3/10/2020	0.004	
9/9/2020	0.0055	
3/15/2021	0.0062	
8/18/2021	0.006	
3/2/2022	0.0053	
8/9/2022	0.0055	
2/13/2023	0.0048	
8/8/2023	0.0043	
2/14/2024		0.0043
7/30/2024		0.003
2/11/2025		0.0038

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.002	
10/27/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/9/2013	<0.002	
7/17/2013	<0.002	
1/15/2014	0.0012 (J)	
6/25/2014	0.00098 (J)	
1/13/2015	0.00095 (J)	
7/24/2015	<0.002	
1/20/2016	<0.002	
7/21/2016	<0.002	
1/26/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/16/2020	<0.002	
9/9/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		0.0012 (J)
7/31/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/24/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	0.0031 (J)	
6/25/2014	<0.002	
1/20/2015	<0.002	
7/24/2015	<0.002	
1/20/2016	0.0011 (J)	
7/21/2016	<0.002	
1/26/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/25/2018	<0.002	
1/30/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/16/2020	<0.002	
9/11/2020	<0.002	
3/17/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/1/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/19/2012	<0.002	
7/18/2012	<0.002	
1/7/2013	<0.002	
7/9/2013	<0.002	
1/14/2014	0.001 (J)	
6/24/2014	<0.002	
1/20/2015	0.0014 (J)	
7/27/2015	<0.002	
1/26/2016	0.0013 (J)	
7/26/2016	<0.002	
1/26/2017	0.0021 (J)	
8/7/2017	0.0035	
1/24/2018	<0.002	
6/21/2018	0.0024 (J)	
1/22/2019	<0.002	
6/25/2019	0.00074 (J)	
9/10/2019	0.00065 (J)	
3/12/2020	0.0014 (J)	
9/14/2020	<0.002	
3/16/2021	0.001 (J)	
8/20/2021	0.0013 (J)	
3/2/2022	0.0019 (J)	
8/11/2022	<0.002	
2/15/2023	0.0014 (J)	
8/9/2023	<0.002	
2/21/2024		0.0028
7/30/2024		0.0032
2/13/2025		0.0051

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.002	
10/30/2011	<0.002	
12/4/2011	<0.002	
1/19/2012	<0.002	
7/18/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	<0.002	
1/20/2015	<0.002	
7/27/2015	<0.002	
1/26/2016	0.0022 (J)	
7/25/2016	<0.002	
1/31/2017	0.0021 (J)	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/21/2018	0.0026	
1/22/2019	<0.002	
6/25/2019	<0.002	
9/16/2019	<0.002	
3/16/2020	0.00077 (J)	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/25/2021	<0.002	
3/9/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/9/2023	<0.002	
2/19/2024		0.0012 (J)
7/31/2024		0.0066
2/18/2025		0.0015 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
7/27/2016	0.004	
2/1/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/31/2019	<0.002	
6/26/2019	0.00064 (J)	
9/17/2019	0.0007 (J)	
3/17/2020	<0.002	
9/10/2020	0.0083 (O)	
3/18/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/10/2023	<0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
2/9/2012	<0.002	
7/18/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	0.0012 (J)	
6/25/2014	0.0012 (J)	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/26/2016	0.001 (J)	
7/25/2016	<0.002	
1/31/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/26/2019	<0.002	
9/16/2019	<0.002	
3/16/2020	<0.002	
9/10/2020	0.0034	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/7/2022	<0.002	
8/15/2022	<0.002	
2/21/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/6/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/26/2016	<0.002	
7/22/2016	<0.002	
1/31/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/26/2018	<0.002	
1/25/2019	<0.002	
6/26/2019	<0.002	
9/11/2019	0.00096 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/14/2023	<0.002	
2/20/2024		<0.002
8/6/2024		<0.002
2/17/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/27/2016	0.0021 (J)	
7/26/2016	<0.002	
1/31/2017	<0.002	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	<0.002	
6/25/2019	<0.002	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	0.00064 (J)	
8/23/2021	<0.002	
3/8/2022	<0.002	
8/15/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/19/2024		<0.002
8/5/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	0.0014 (J)	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	0.0068 (O)	
7/26/2016	<0.002	
2/1/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	<0.002	
6/25/2019	0.0008 (J)	
9/12/2019	0.0017 (J)	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/17/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/6/2024		<0.002
2/17/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
2/9/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
7/26/2016	<0.002	
2/1/2017	<0.002	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	0.003	
6/25/2019	<0.002	
9/17/2019	<0.002	
3/16/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/14/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:55 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.002	
10/26/2011	<0.002	
12/3/2011	<0.002	
1/25/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/2/2013	<0.002	
1/14/2014	<0.002	
6/25/2014	<0.002	
1/13/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
7/27/2016	<0.002	
2/1/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/25/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	0.00065 (J)	
3/17/2020	<0.002	
9/11/2020	<0.002	
3/17/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/16/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/21/2024		<0.002
8/5/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.002	
10/26/2011	<0.002	
12/3/2011	<0.002	
1/25/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/14/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/28/2015	0.00081 (J)	
1/27/2016	<0.002	
7/27/2016	<0.002	
2/1/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/26/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	0.00066 (J)	
3/17/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/10/2023	<0.002	
2/20/2024		<0.002
8/7/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.002	
10/26/2011	<0.002	
12/3/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
7/25/2016	<0.002	
2/2/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/24/2021	0.00094 (J)	
3/8/2022	<0.002	
8/11/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.002	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/27/2016	<0.002	
7/25/2016	<0.002	
2/2/2017	<0.002	
8/7/2017	0.0054 (O)	
1/26/2018	0.0025	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	0.00085 (J)	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/22/2023	<0.002	
8/9/2023	<0.002	
2/20/2024		<0.002
8/2/2024		<0.002
2/14/2025		0.0014 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.002	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/17/2012	<0.002	
1/9/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/26/2016	<0.002	
7/26/2016	<0.002	
2/2/2017	<0.002	
8/7/2017	<0.002	
1/26/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	0.0012 (J)	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/25/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/23/2015	<0.002	
1/26/2016	<0.002	
7/26/2016	<0.002	
2/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	<0.002	
9/10/2019	0.001 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/19/2021	<0.002	
3/8/2022	0.0024	
8/17/2022	<0.002	
2/14/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/6/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	0.0015 (J)	
1/22/2015	<0.002	
7/29/2015	0.0012 (J)	
1/21/2016	<0.002	
7/27/2016	<0.002	
2/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/25/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	0.00068 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	0.00066 (J)	
8/23/2021	0.0011 (J)	
3/9/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.002	
7/31/2015	0.0028 (J)	
1/20/2016	0.0012 (J)	
7/27/2016	<0.002	
2/3/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/31/2019	0.00063 (J)	
6/26/2019	0.00094 (J)	
9/11/2019	0.0013 (J)	
3/12/2020	0.0012 (J)	
9/15/2020	0.0023	
3/18/2021	0.0022	
8/19/2021	0.001 (J)	
3/10/2022	<0.002	
8/18/2022	<0.002	
2/16/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.002	
10/31/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
7/24/2013	<0.002	
1/23/2014	0.0034 (J)	
7/8/2014	0.0017 (J)	
1/21/2015	<0.002	
7/30/2015	0.0028 (J)	
1/21/2016	0.0029 (J)	
7/27/2016	<0.002	
1/24/2017	<0.002	
8/3/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.003	
6/25/2019	0.0029	
9/11/2019	0.0072 (O)	
1/14/2020	0.0025	
3/12/2020	0.0022	
9/14/2020	0.0034	
3/17/2021	0.0018 (J)	
8/19/2021	0.0016 (J)	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	0.0014 (J)	
2/21/2024		<0.002
8/1/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	0.0027 (J)	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/31/2015	0.0024 (J)	
1/25/2016	<0.002	
7/26/2016	<0.002	
1/19/2017	<0.002	
8/3/2017	<0.002	
1/22/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0017 (J)	
6/25/2019	0.002	
9/12/2019	0.001 (J)	
3/13/2020	0.00078 (J)	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	0.0011 (J)	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/20/2024		<0.002
8/2/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
1/25/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	0.002 (J)	
1/22/2016	0.0038 (JO)	
7/26/2016	<0.002	
1/20/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	0.0011 (J)	
3/12/2020	<0.002	
9/9/2020	<0.002	
3/18/2021	0.00066 (J)	
8/23/2021	<0.002	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.002	
10/31/2011	<0.002	
2/7/2012	<0.002	
1/23/2013	<0.002	
1/23/2014	0.0018 (J)	
7/1/2014	0.0048 (J)	
1/21/2015	<0.002	
1/25/2016	<0.002	
7/27/2016	0.0043	
1/25/2017	<0.002	
8/4/2017	0.003	
1/23/2018	0.0022 (J)	
6/27/2018	0.0036	
1/31/2019	0.00064 (J)	
6/26/2019	0.0019 (J)	
9/11/2019	0.0063	
1/14/2020	0.005	
3/17/2020	0.0014 (J)	
9/11/2020	0.0013 (J)	
3/16/2021	0.0029	
8/25/2021	0.0019 (J)	
3/10/2022	<0.002	
8/16/2022	0.0053	
2/22/2023	<0.002	
8/16/2023	0.004	
2/21/2024		0.0013 (J)
8/2/2024		0.0035
2/18/2025		0.0011 (J)

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.002	
10/30/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
1/20/2015	<0.002	
7/29/2015	0.0012 (J)	
1/25/2016	<0.002	
7/22/2016	<0.002	
1/25/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	<0.002	
6/26/2018	<0.002	
1/30/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/16/2020	0.00079 (J)	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/29/2015	<0.002	
1/21/2016	<0.002	
7/21/2016	<0.002	
1/25/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/20/2018	<0.002	
1/28/2019	<0.002	
6/26/2019	<0.002	
9/11/2019	0.0013 (J)	
3/11/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/2/2022	<0.002	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		0.0023
8/5/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	0.0017 (J)	
6/25/2014	0.00087 (J)	
1/14/2015	<0.002	
7/28/2015	0.0008 (J)	
1/21/2016	0.00095 (J)	
7/21/2016	<0.002	
1/26/2017	<0.002	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	<0.002	
6/26/2019	<0.002	
9/12/2019	<0.002	
3/11/2020	0.00072 (J)	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/5/2024		<0.002
2/18/2025		<0.002

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.001	
10/27/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/24/2013	<0.001	
7/17/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/21/2015	<0.001	
1/21/2016	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/11/2016	<0.001	
1/19/2017	<0.001	
3/16/2017	<0.001	
4/28/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	<0.001	
9/9/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/16/2021	<0.001	
2/28/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/13/2024		<0.001
7/30/2024		0.00021 (J)
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/22/2015	<0.001	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/16/2016	<0.001	
11/10/2016	<0.001	
1/19/2017	<0.001	
3/17/2017	<0.001	
4/28/2017	<0.001	
8/2/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	<0.001	
9/10/2019	0.00014 (J)	
3/10/2020	<0.001	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	0.0002 (J)	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		0.0012
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/1/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/21/2015	<0.001	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
9/14/2016	<0.001	
11/10/2016	<0.001	
1/17/2017	<0.001	
3/16/2017	<0.001	
4/27/2017	<0.001	
8/2/2017	<0.001	
1/22/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	0.00031 (J)	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/25/2012	<0.001	
7/16/2012	<0.001	
1/24/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/21/2015	<0.001	
1/22/2016	<0.001	
3/22/2016	<0.001	
5/23/2016	<0.001	
7/25/2016	<0.001	
9/15/2016	<0.001	
11/9/2016	<0.001	
1/17/2017	<0.001	
3/16/2017	<0.001	
4/27/2017	<0.001	
8/1/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/21/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	0.00024 (J)	
3/15/2021	<0.001	
8/16/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/31/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/22/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<0.001	
3/15/2017	<0.001	
4/27/2017	<0.001	
7/18/2017	<0.001	
8/1/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/18/2019	<0.001	
6/25/2019	0.00029 (J)	
9/10/2019	0.00028 (J)	
3/10/2020	<0.001	
9/9/2020	0.00013 (J)	
3/15/2021	0.00013 (J)	
8/18/2021	0.00021 (J)	
3/2/2022	<0.001	
8/9/2022	<0.001	
2/13/2023	<0.001	
8/8/2023	<0.001	
2/14/2024		0.00021 (J)
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.001	
10/27/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/9/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	<0.001	
1/30/2019	0.00014 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/16/2020	<0.001	
9/9/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	<0.001	
1/21/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/21/2023	0.00036 (J)	
8/9/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	0.00036 (J)	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/12/2020	0.00028 (J)	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	0.00031 (J)	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
7/30/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.001	
10/30/2011	<0.001	
12/4/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/20/2015	<0.001	
7/27/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.00025 (J)	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/25/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/31/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	0.0013	
9/16/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/31/2019	0.00013 (J)	
6/26/2019	<0.001	
9/17/2019	0.00014 (J)	
3/17/2020	0.00015 (J)	
9/10/2020	0.0022	
12/2/2020	<0.001	
3/18/2021	0.00013 (J)	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/10/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/26/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.00037 (J)	
9/10/2020	0.00023 (J)	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	0.00039 (J)	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/18/2025		0.0022

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/22/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/26/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0002 (J)	
9/10/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/14/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/15/2016	<0.001	
11/17/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	0.00037 (J)	
8/16/2023	<0.001	
2/19/2024		<0.001
8/5/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/14/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/17/2019	<0.001	
3/16/2020	0.00014 (J)	
9/10/2020	<0.001	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	0.00025 (J)	
8/14/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/16/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/20/2023	0.00025 (J)	
8/14/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	0.0009 (J)	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/26/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	0.00027 (J)	
8/10/2023	<0.001	
2/20/2024		<0.001
8/7/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	0.0026 (JO)	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	0.00016 (J)	
6/27/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	0.00025 (J)	
8/9/2023	<0.001	
2/21/2024		<0.001
8/7/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	0.0013	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	0.00011 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00017 (J)	
8/24/2021	0.00019 (J)	
3/8/2022	<0.001	
8/11/2022	0.00019 (J)	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/14/2025		0.0019

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	0.00014 (J)	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00014 (J)	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/9/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/17/2012	<0.001	
1/9/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	0.00017 (J)	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00019 (J)	
8/19/2021	0.00018 (J)	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00067 (J)	
9/10/2020	<0.001	
3/15/2021	0.00025 (J)	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/17/2022	<0.001	
2/14/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	<0.001	
11/18/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	0.00022 (J)	
9/10/2020	<0.001	
3/18/2021	0.00029 (J)	
8/23/2021	0.00033 (J)	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	0.00022 (J)	
8/15/2023	<0.001	
2/19/2024		0.00034 (J)
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.001	
7/31/2015	<0.001	
1/20/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/16/2016	<0.001	
11/18/2016	<0.001	
2/3/2017	<0.001	
3/29/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	0.00013 (J)	
6/26/2019	0.00016 (J)	
9/11/2019	0.00015 (J)	
3/12/2020	0.00013 (J)	
9/15/2020	<0.001	
3/18/2021	0.00022 (J)	
8/19/2021	0.0015	
3/10/2022	<0.001	
8/18/2022	<0.001	
2/16/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		0.00039 (J)
8/6/2024		<0.001
2/14/2025		0.00029 (J)

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.001	
10/31/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/21/2016	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/19/2016	<0.001	
11/15/2016	<0.001	
1/24/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	0.0021 (O)	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00021 (J)	
6/25/2019	<0.001	
9/11/2019	0.00024 (J)	
3/12/2020	0.00018 (J)	
9/14/2020	<0.001	
3/17/2021	0.00013 (J)	
8/19/2021	0.00028 (J)	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	0.00027 (J)	
8/15/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/31/2015	<0.001	
1/25/2016	<0.001	
3/24/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/14/2016	<0.001	
1/19/2017	<0.001	
3/16/2017	<0.001	
5/1/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	9.8E-05 (J)	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/13/2020	0.00013 (J)	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	0.0015	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/16/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
1/25/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/22/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/11/2016	<0.001	
1/20/2017	<0.001	
3/16/2017	<0.001	
4/28/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	9.8E-05 (J)	
6/26/2019	<0.001	
9/12/2019	0.00016 (J)	
3/12/2020	<0.001	
9/9/2020	0.00023 (J)	
3/18/2021	<0.001	
8/23/2021	0.00027 (J)	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	0.00029 (J)	
8/15/2023	<0.001	
2/20/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.001	
10/28/2011	<0.001	
12/13/2011	<0.001	
2/8/2012	<0.001	
7/18/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/20/2015	<0.001	
7/30/2015	<0.001	
1/19/2016	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/21/2016	<0.001	
9/20/2016	<0.001	
11/14/2016	<0.001	
1/24/2017	<0.001	
3/17/2017	<0.001	
5/1/2017	<0.001	
8/4/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/30/2019	<0.001	
6/27/2019	<0.001	
9/10/2019	<0.001	
3/11/2020	<0.001	
9/10/2020	0.00016 (J)	
3/18/2021	<0.001	
8/23/2021	<0.001	
3/2/2022	<0.001	
8/10/2022	<0.001	
2/14/2023	<0.001	
8/16/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.001	
10/31/2011	<0.001	
2/7/2012	<0.001	
1/23/2013	<0.001	
1/23/2014	0.0012 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
1/25/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	0.00078 (J)	
1/25/2017	0.00042 (J)	
3/23/2017	<0.001	
5/2/2017	0.00039 (J)	
7/19/2017	0.00051 (J)	
8/4/2017	0.00037 (J)	
1/23/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	0.00015 (J)	
6/26/2019	0.00022 (J)	
9/11/2019	0.0013	
3/17/2020	0.00051 (J)	
9/11/2020	0.00026 (J)	
3/16/2021	0.00046 (J)	
8/25/2021	0.00031 (J)	
3/10/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	0.00025 (J)	
8/16/2023	0.0013	
2/21/2024		0.00071 (J)
8/2/2024		0.00064 (J)
2/18/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.001	
10/30/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
1/20/2015	<0.001	
7/29/2015	<0.001	
1/25/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	<0.001	
9/16/2016	<0.001	
11/17/2016	<0.001	
1/25/2017	<0.001	
3/23/2017	<0.001	
5/1/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/26/2018	<0.001	
1/30/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	0.00031 (J)	
3/12/2020	0.00015 (J)	
9/16/2020	<0.001	
3/18/2021	<0.001	
8/24/2021	0.00027 (J)	
3/9/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	0.00027 (J)	
8/15/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.001	
10/31/2011	<0.001	
12/12/2011	<0.001	
2/1/2012	<0.001	
7/16/2012	<0.001	
1/22/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
3/24/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	<0.001	
5/1/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/20/2018	<0.001	
1/28/2019	0.00022 (J)	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/11/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/2/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	0.00026 (J)	
8/16/2023	<0.001	
2/22/2024		<0.001
8/5/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.0002	
10/27/2011	<0.0002	
12/13/2011	<0.0002	
1/31/2012	<0.0002	
7/18/2012	<0.0002	
1/24/2013	<0.0002	
7/17/2013	<0.0002	
1/21/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/21/2015	<0.0002	
1/21/2016	<0.0002	
3/23/2016	<0.0002	
5/20/2016	<0.0002	
7/21/2016	9.7E-05 (J)	
9/15/2016	<0.0002	
11/11/2016	<0.0002	
1/19/2017	<0.0002	
3/16/2017	0.00015 (J)	
4/28/2017	<0.0002	
8/3/2017	<0.0002	
1/19/2018	<0.0002	
6/19/2018	<0.0002	
1/17/2019	<0.0002	
6/24/2019	<0.0002	
9/9/2019	<0.0002	
3/10/2020	<0.0002	
9/9/2020	<0.0002	
3/15/2021	<0.0002	
8/16/2021	<0.0002	
2/28/2022	<0.0002	
8/9/2022	<0.0002	
2/14/2023	<0.0002	
8/9/2023	<0.0002	
2/13/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.0002	
10/27/2011	<0.0002	
12/14/2011	<0.0002	
2/7/2012	<0.0002	
7/23/2012	<0.0002	
1/23/2013	<0.0002	
7/24/2013	<0.0002	
1/22/2014	<0.0002	
7/1/2014	<0.0002	
1/22/2015	<0.0002	
7/22/2015	<0.0002	
1/20/2016	<0.0002	
3/23/2016	<0.0002	
5/24/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/16/2016	<0.0002	
11/10/2016	<0.0002	
1/19/2017	<0.0002	
3/17/2017	0.00015 (J)	
4/28/2017	<0.0002	
8/2/2017	<0.0002	
1/19/2018	<0.0002	
6/19/2018	<0.0002	
1/17/2019	<0.0002	
6/24/2019	<0.0002	
9/10/2019	<0.0002	
3/10/2020	<0.0002	
9/10/2020	<0.0002	
3/15/2021	<0.0002	
8/18/2021	<0.0002	
3/1/2022	<0.0002	
8/9/2022	<0.0002	
2/14/2023	<0.0002	
8/9/2023	<0.0002	
2/14/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.0002	
10/27/2011	<0.0002	
12/14/2011	<0.0002	
2/1/2012	<0.0002	
7/23/2012	<0.0002	
1/23/2013	<0.0002	
7/17/2013	<0.0002	
1/15/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/21/2015	<0.0002	
1/20/2016	<0.0002	
3/23/2016	<0.0002	
5/19/2016	<0.0002	
7/21/2016	8.7E-05 (J)	
9/14/2016	<0.0002	
11/10/2016	<0.0002	
1/17/2017	<0.0002	
3/16/2017	0.00016 (J)	
4/27/2017	<0.0002	
8/2/2017	<0.0002	
1/22/2018	<0.0002	
6/19/2018	<0.0002	
1/17/2019	<0.0002	
6/24/2019	<0.0002	
9/10/2019	<0.0002	
3/10/2020	<0.0002	
9/9/2020	<0.0002	
3/15/2021	<0.0002	
8/18/2021	<0.0002	
3/1/2022	<0.0002	
8/9/2022	<0.0002	
2/14/2023	<0.0002	
8/9/2023	<0.0002	
2/14/2024		<0.0002
7/29/2024		<0.0002
2/10/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.0002	
10/28/2011	<0.0002	
12/12/2011	<0.0002	
1/25/2012	<0.0002	
7/16/2012	<0.0002	
1/24/2013	<0.0002	
7/23/2013	<0.0002	
1/22/2014	<0.0002	
7/1/2014	<0.0002	
1/21/2015	<0.0002	
7/21/2015	<0.0002	
1/22/2016	<0.0002	
3/22/2016	<0.0002	
5/23/2016	<0.0002	
7/25/2016	8.9E-05 (J)	
9/15/2016	<0.0002	
11/9/2016	<0.0002	
1/17/2017	<0.0002	
3/16/2017	0.00016 (J)	
4/27/2017	<0.0002	
8/1/2017	<0.0002	
1/19/2018	<0.0002	
6/19/2018	<0.0002	
1/21/2019	<0.0002	
6/25/2019	<0.0002	
9/10/2019	<0.0002	
3/10/2020	<0.0002	
9/9/2020	<0.0002	
3/15/2021	<0.0002	
8/16/2021	<0.0002	
3/1/2022	<0.0002	
8/9/2022	<0.0002	
2/14/2023	<0.0002	
8/9/2023	<0.0002	
2/14/2024		<0.0002
7/29/2024		<0.0002
2/10/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.0002	
10/28/2011	<0.0002	
12/12/2011	<0.0002	
1/31/2012	<0.0002	
7/17/2012	<0.0002	
1/24/2013	<0.0002	
7/24/2013	<0.0002	
1/22/2014	<0.0002	
7/8/2014	<0.0002	
1/21/2015	<0.0002	
7/22/2015	<0.0002	
1/19/2016	<0.0002	
3/22/2016	<0.0002	
5/19/2016	<0.0002	
7/21/2016	<0.0002	
1/17/2017	<0.0002	
3/15/2017	0.00014 (J)	
4/27/2017	<0.0002	
7/18/2017	<0.0002	
8/1/2017	<0.0002	
1/19/2018	<0.0002	
6/19/2018	<0.0002	
1/18/2019	<0.0002	
6/25/2019	<0.0002	
9/10/2019	0.00021	
3/10/2020	<0.0002	
9/9/2020	<0.0002	
3/15/2021	<0.0002	
8/18/2021	<0.0002	
3/2/2022	<0.0002	
8/9/2022	<0.0002	
2/13/2023	<0.0002	
8/8/2023	<0.0002	
2/14/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.0002	
10/27/2011	<0.0002	
12/5/2011	<0.0002	
1/25/2012	<0.0002	
7/18/2012	<0.0002	
1/9/2013	<0.0002	
7/17/2013	<0.0002	
1/15/2014	<0.0002	
6/25/2014	<0.0002	
1/13/2015	<0.0002	
7/24/2015	<0.0002	
1/20/2016	<0.0002	
3/28/2016	<0.0002	
5/23/2016	<0.0002	
7/21/2016	7.6E-05 (J)	
9/15/2016	<0.0002	
11/15/2016	<0.0002	
1/26/2017	<0.0002	
3/22/2017	<0.0002	
5/2/2017	<0.0002	
8/3/2017	<0.0002	
1/23/2018	<0.0002	
6/25/2018	<0.0002	
1/30/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/16/2020	<0.0002	
9/9/2020	<0.0002	
3/17/2021	<0.0002	
8/19/2021	<0.0002	
3/2/2022	<0.0002	
8/11/2022	<0.0002	
2/20/2023	<0.0002	
8/14/2023	<0.0002	
2/14/2024		<0.0002
7/31/2024		<0.0002
2/14/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.0002	
10/30/2011	<0.0002	
12/5/2011	<0.0002	
1/25/2012	<0.0002	
7/24/2012	<0.0002	
1/8/2013	<0.0002	
7/9/2013	<0.0002	
1/15/2014	<0.0002	
6/25/2014	<0.0002	
1/20/2015	<0.0002	
7/24/2015	<0.0002	
1/20/2016	<0.0002	
3/28/2016	<0.0002	
5/24/2016	<0.0002	
7/21/2016	9.1E-05 (J)	
9/15/2016	<0.0002	
11/16/2016	<0.0002	
1/26/2017	<0.0002	
3/22/2017	7.3E-05 (J)	
5/2/2017	<0.0002	
8/3/2017	<0.0002	
1/23/2018	<0.0002	
6/25/2018	<0.0002	
1/30/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/16/2020	<0.0002	
9/11/2020	<0.0002	
3/17/2021	<0.0002	
8/18/2021	<0.0002	
3/2/2022	<0.0002	
8/11/2022	<0.0002	
2/20/2023	<0.0002	
8/14/2023	<0.0002	
2/14/2024		<0.0002
8/1/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.0002	
10/30/2011	<0.0002	
12/5/2011	<0.0002	
1/25/2012	<0.0002	
7/18/2012	<0.0002	
1/7/2013	<0.0002	
7/9/2013	<0.0002	
1/14/2014	<0.0002	
6/24/2014	<0.0002	
1/20/2015	<0.0002	
7/27/2015	<0.0002	
1/26/2016	<0.0002	
3/29/2016	<0.0002	
5/24/2016	<0.0002	
7/22/2016	<0.0002	
9/15/2016	<0.0002	
11/16/2016	<0.0002	
1/26/2017	8.8E-05 (J)	
3/22/2017	<0.0002	
5/2/2017	<0.0002	
8/4/2017	<0.0002	
1/23/2018	<0.0002	
6/25/2018	<0.0002	
1/21/2019	<0.0002	
6/25/2019	<0.0002	
9/10/2019	<0.0002	
3/12/2020	<0.0002	
9/14/2020	<0.0002	
3/16/2021	<0.0002	
8/19/2021	<0.0002	
3/2/2022	<0.0002	
8/11/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
2/21/2024		<0.0002
8/1/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.0002	
10/30/2011	<0.0002	
12/5/2011	<0.0002	
1/19/2012	<0.0002	
7/18/2012	<0.0002	
1/7/2013	<0.0002	
7/9/2013	<0.0002	
1/14/2014	0.000153 (J)	
6/24/2014	<0.0002	
1/20/2015	<0.0002	
7/27/2015	<0.0002	
1/26/2016	<0.0002	
3/29/2016	<0.0002	
5/24/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/19/2016	<0.0002	
11/16/2016	<0.0002	
1/26/2017	<0.0002	
3/23/2017	7.2E-05 (J)	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/24/2018	<0.0002	
6/21/2018	<0.0002	
1/22/2019	<0.0002	
6/25/2019	<0.0002	
9/10/2019	0.0004	
1/13/2020	<0.0002	
3/12/2020	<0.0002	
9/14/2020	<0.0002	
3/16/2021	<0.0002	
8/20/2021	<0.0002	
3/2/2022	<0.0002	
8/11/2022	<0.0002	
2/15/2023	<0.0002	
8/9/2023	<0.0002	
2/21/2024		<0.0002
7/30/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.0002	
10/30/2011	<0.0002	
12/4/2011	<0.0002	
1/19/2012	<0.0002	
7/18/2012	<0.0002	
1/8/2013	<0.0002	
7/9/2013	<0.0002	
1/14/2014	<0.0002	
6/24/2014	<0.0002	
1/20/2015	<0.0002	
7/27/2015	<0.0002	
1/26/2016	<0.0002	
3/29/2016	<0.0002	
5/24/2016	<0.0002	
7/25/2016	0.00012 (J)	
9/19/2016	<0.0002	
11/16/2016	<0.0002	
1/31/2017	8.6E-05 (J)	
3/23/2017	<0.0002	
5/2/2017	<0.0002	
8/7/2017	<0.0002	
1/24/2018	<0.0002	
6/21/2018	<0.0002	
1/22/2019	<0.0002	
6/25/2019	<0.0002	
9/16/2019	<0.0002	
3/16/2020	<0.0002	
9/11/2020	<0.0002	
3/16/2021	<0.0002	
8/25/2021	0.00014 (J)	
3/9/2022	<0.0002	
8/16/2022	<0.0002	
2/15/2023	<0.0002	
8/9/2023	<0.0002	
2/19/2024		<0.0002
7/31/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	9.4E-05 (J)	
9/16/2016	<0.0002	
11/17/2016	<0.0002	
2/1/2017	0.00011 (J)	
3/24/2017	<0.0002	
5/3/2017	<0.0002	
8/8/2017	<0.0002	
1/25/2018	<0.0002	
6/21/2018	<0.0002	
1/31/2019	<0.0002	
6/26/2019	<0.0002	
9/17/2019	<0.0002	
3/17/2020	<0.0002	
9/10/2020	<0.0002	
3/18/2021	<0.0002	
8/20/2021	<0.0002	
3/8/2022	<0.0002	
8/16/2022	<0.0002	
2/15/2023	<0.0002	
8/10/2023	<0.0002	
2/20/2024		<0.0002
7/31/2024		<0.0002
2/19/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.0002	
10/28/2011	<0.0002	
12/4/2011	<0.0002	
2/9/2012	<0.0002	
7/18/2012	<0.0002	
1/8/2013	<0.0002	
7/9/2013	<0.0002	
1/15/2014	<0.0002	
6/25/2014	<0.0002	
1/21/2015	<0.0002	
7/28/2015	<0.0002	
1/26/2016	<0.0002	
3/29/2016	<0.0002	
5/25/2016	<0.0002	
7/25/2016	9.6E-05 (J)	
9/19/2016	<0.0002	
11/16/2016	<0.0002	
1/31/2017	7.1E-05 (J)	
3/23/2017	<0.0002	
5/2/2017	<0.0002	
8/7/2017	<0.0002	
1/24/2018	<0.0002	
6/20/2018	<0.0002	
1/24/2019	<0.0002	
6/26/2019	<0.0002	
9/16/2019	<0.0002	
3/16/2020	<0.0002	
9/10/2020	<0.0002	
3/17/2021	<0.0002	
8/23/2021	<0.0002	
3/7/2022	<0.0002	
8/15/2022	<0.0002	
2/21/2023	<0.0002	
8/14/2023	<0.0002	
2/14/2024		<0.0002
8/6/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.0002	
10/28/2011	<0.0002	
12/4/2011	<0.0002	
1/24/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/10/2013	<0.0002	
1/21/2014	<0.0002	
7/1/2014	<0.0002	
1/21/2015	<0.0002	
7/28/2015	<0.0002	
1/26/2016	<0.0002	
3/29/2016	<0.0002	
5/25/2016	<0.0002	
7/22/2016	<0.0002	
9/15/2016	<0.0002	
11/16/2016	<0.0002	
1/31/2017	0.00013 (J)	
3/23/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/24/2018	<0.0002	
6/26/2018	<0.0002	
1/25/2019	<0.0002	
6/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
3/16/2021	<0.0002	
8/19/2021	<0.0002	
3/7/2022	<0.0002	
8/16/2022	<0.0002	
2/15/2023	<0.0002	
8/14/2023	<0.0002	
2/20/2024		<0.0002
8/6/2024		<0.0002
2/17/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.0002	
10/28/2011	<0.0002	
12/4/2011	<0.0002	
1/24/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/10/2013	<0.0002	
1/21/2014	<0.0002	
7/1/2014	<0.0002	
1/21/2015	<0.0002	
7/28/2015	<0.0002	
1/27/2016	<0.0002	
3/29/2016	<0.0002	
5/25/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/15/2016	<0.0002	
11/17/2016	<0.0002	
1/31/2017	9.6E-05 (J)	
3/23/2017	<0.0002	
5/3/2017	<0.0002	
8/4/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	<0.0002	
1/22/2019	<0.0002	
6/25/2019	<0.0002	
9/12/2019	<0.0002	
3/12/2020	<0.0002	
9/10/2020	<0.0002	
3/17/2021	<0.0002	
8/23/2021	<0.0002	
3/8/2022	<0.0002	
8/15/2022	<0.0002	
2/21/2023	<0.0002	
8/16/2023	<0.0002	
2/19/2024		<0.0002
8/5/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.0002	
10/27/2011	<0.0002	
12/3/2011	<0.0002	
1/24/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/10/2013	<0.0002	
1/21/2014	<0.0002	
7/1/2014	<0.0002	
1/14/2015	<0.0002	
7/22/2015	3.99E-05 (J)	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/15/2016	<0.0002	
11/17/2016	8.7E-05 (J)	
2/1/2017	9.2E-05 (J)	
3/23/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	8.5E-05 (J)	
1/22/2019	<0.0002	
6/25/2019	<0.0002	
9/12/2019	<0.0002	
3/17/2020	<0.0002	
9/10/2020	<0.0002	
3/17/2021	<0.0002	
8/23/2021	<0.0002	
3/7/2022	0.00023	
5/3/2022	<0.0002	
8/16/2022	<0.0002	
2/17/2023	<0.0002	
8/14/2023	<0.0002	
2/19/2024		<0.0002
8/6/2024		<0.0002
2/17/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.0002	
10/27/2011	<0.0002	
12/3/2011	<0.0002	
2/9/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/2/2013	<0.0002	
1/21/2014	<0.0002	
6/24/2014	<0.0002	
1/14/2015	<0.0002	
7/22/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/20/2016	<0.0002	
11/17/2016	<0.0002	
2/1/2017	0.00013 (J)	
3/23/2017	<0.0002	
5/3/2017	<0.0002	
8/4/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	<0.0002	
1/22/2019	<0.0002	
6/25/2019	<0.0002	
9/17/2019	<0.0002	
3/16/2020	<0.0002	
9/10/2020	<0.0002	
3/18/2021	<0.0002	
8/24/2021	<0.0002	
3/7/2022	<0.0002	
8/16/2022	<0.0002	
2/21/2023	<0.0002	
8/14/2023	<0.0002	
2/21/2024		<0.0002
8/6/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.0002	
10/26/2011	<0.0002	
12/3/2011	<0.0002	
1/25/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/2/2013	<0.0002	
1/14/2014	<0.0002	
6/25/2014	<0.0002	
1/13/2015	<0.0002	
7/22/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	8.9E-05 (J)	
9/16/2016	<0.0002	
11/17/2016	<0.0002	
2/1/2017	0.00015 (J)	
3/24/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	<0.0002	
1/25/2019	<0.0002	
6/25/2019	<0.0002	
9/11/2019	<0.0002	
3/17/2020	<0.0002	
9/11/2020	<0.0002	
3/17/2021	<0.0002	
8/20/2021	<0.0002	
3/8/2022	<0.0002	
8/16/2022	<0.0002	
2/20/2023	<0.0002	
8/14/2023	<0.0002	
2/21/2024		<0.0002
8/5/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0002	
10/26/2011	<0.0002	
12/3/2011	<0.0002	
1/25/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/16/2013	<0.0002	
1/14/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/28/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	9.7E-05 (J)	
9/19/2016	<0.0002	
11/17/2016	<0.0002	
2/1/2017	0.0002	
3/24/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/25/2018	<0.0002	
6/26/2018	<0.0002	
1/24/2019	<0.0002	
6/25/2019	<0.0002	
9/11/2019	<0.0002	
3/17/2020	<0.0002	
9/14/2020	<0.0002	
3/16/2021	<0.0002	
8/20/2021	<0.0002	
3/8/2022	<0.0002	
8/11/2022	<0.0002	
2/20/2023	<0.0002	
8/10/2023	<0.0002	
2/20/2024		<0.0002
8/7/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.0002	
10/26/2011	<0.0002	
12/3/2011	<0.0002	
2/9/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/16/2013	<0.0002	
1/14/2014	<0.0002	
6/24/2014	<0.0002	
1/13/2015	<0.0002	
7/23/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/26/2016	<0.0002	
7/25/2016	0.00012 (J)	
9/19/2016	<0.0002	
11/17/2016	<0.0002	
2/1/2017	9.8E-05 (J)	
3/24/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/25/2018	<0.0002	
6/21/2018	<0.0002	
1/28/2019	<0.0002	
6/27/2019	<0.0002	
9/11/2019	<0.0002	
3/17/2020	<0.0002	
9/14/2020	<0.0002	
3/16/2021	<0.0002	
8/24/2021	<0.0002	
3/8/2022	<0.0002	
8/11/2022	<0.0002	
2/20/2023	<0.0002	
8/9/2023	<0.0002	
2/21/2024		<0.0002
8/7/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.0002	
10/26/2011	<0.0002	
12/3/2011	<0.0002	
2/8/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/16/2013	<0.0002	
1/21/2014	<0.0002	
6/24/2014	<0.0002	
1/13/2015	<0.0002	
7/23/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/26/2016	<0.0002	
7/25/2016	0.00013 (J)	
9/19/2016	<0.0002	
11/17/2016	<0.0002	
2/2/2017	0.00011 (J)	
3/24/2017	<0.0002	
5/3/2017	<0.0002	
8/7/2017	<0.0002	
1/25/2018	<0.0002	
6/21/2018	<0.0002	
1/28/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/18/2020	<0.0002	
9/15/2020	<0.0002	
3/17/2021	<0.0002	
8/24/2021	<0.0002	
3/8/2022	<0.0002	
8/11/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
2/21/2024		<0.0002
8/6/2024		<0.0002
2/14/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.0002	
10/27/2011	<0.0002	
12/4/2011	<0.0002	
2/8/2012	<0.0002	
7/11/2012	<0.0002	
1/8/2013	<0.0002	
7/16/2013	<0.0002	
1/21/2014	<0.0002	
6/24/2014	<0.0002	
1/13/2015	<0.0002	
7/23/2015	<0.0002	
1/27/2016	<0.0002	
3/30/2016	<0.0002	
5/26/2016	<0.0002	
7/25/2016	0.00011 (J)	
9/20/2016	<0.0002	
11/17/2016	<0.0002	
2/2/2017	8.6E-05 (J)	
3/28/2017	<0.0002	
5/4/2017	<0.0002	
8/7/2017	<0.0002	
1/26/2018	<0.0002	
6/21/2018	<0.0002	
1/28/2019	<0.0002	
6/25/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/15/2020	<0.0002	
3/16/2021	<0.0002	
8/24/2021	<0.0002	
3/7/2022	<0.0002	
8/16/2022	<0.0002	
2/22/2023	<0.0002	
8/9/2023	<0.0002	
2/20/2024		<0.0002
8/2/2024		<0.0002
2/14/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.0002	
10/27/2011	<0.0002	
12/4/2011	<0.0002	
2/8/2012	<0.0002	
7/17/2012	<0.0002	
1/9/2013	<0.0002	
7/16/2013	<0.0002	
1/21/2014	<0.0002	
6/24/2014	<0.0002	
1/13/2015	<0.0002	
7/23/2015	<0.0002	
1/26/2016	<0.0002	
3/30/2016	<0.0002	
5/26/2016	<0.0002	
7/26/2016	0.00013 (J)	
9/20/2016	7.2E-05 (J)	
11/17/2016	8.4E-05 (J)	
2/2/2017	0.00011 (J)	
3/28/2017	<0.0002	
5/4/2017	<0.0002	
8/7/2017	<0.0002	
1/26/2018	<0.0002	
6/20/2018	<0.0002	
1/24/2019	<0.0002	
6/25/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/15/2020	<0.0002	
3/16/2021	<0.0002	
8/19/2021	<0.0002	
3/7/2022	<0.0002	
8/16/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
2/19/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.0002	
10/29/2011	<0.0002	
12/13/2011	<0.0002	
1/25/2012	<0.0002	
7/18/2012	<0.0002	
1/22/2013	<0.0002	
7/16/2013	<0.0002	
1/21/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/23/2015	<0.0002	
1/26/2016	<0.0002	
3/31/2016	<0.0002	
5/26/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/20/2016	0.00013 (J)	
11/17/2016	<0.0002	
2/3/2017	<0.0002	
3/28/2017	<0.0002	
5/3/2017	<0.0002	
8/8/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	<0.0002	
1/24/2019	<0.0002	
6/25/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
3/15/2021	<0.0002	
8/19/2021	<0.0002	
3/8/2022	<0.0002	
8/17/2022	<0.0002	
2/14/2023	<0.0002	
8/14/2023	<0.0002	
2/14/2024		<0.0002
8/6/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.0002	
10/29/2011	<0.0002	
12/13/2011	<0.0002	
1/31/2012	<0.0002	
7/18/2012	<0.0002	
1/22/2013	<0.0002	
7/23/2013	<0.0002	
1/22/2014	<0.0002	
7/1/2014	<0.0002	
1/22/2015	<0.0002	
7/29/2015	<0.0002	
1/21/2016	<0.0002	
3/29/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	8.6E-05 (J)	
9/20/2016	<0.0002	
11/18/2016	<0.0002	
2/3/2017	<0.0002	
3/28/2017	<0.0002	
5/4/2017	<0.0002	
8/8/2017	<0.0002	
1/25/2018	<0.0002	
6/20/2018	<0.0002	
1/25/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
3/18/2021	<0.0002	
8/23/2021	<0.0002	
3/9/2022	<0.0002	
8/16/2022	<0.0002	
2/21/2023	<0.0002	
8/15/2023	<0.0002	
2/19/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.0002	
7/31/2015	<0.0002	
1/20/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	9E-05 (J)	
9/16/2016	<0.0002	
11/18/2016	<0.0002	
2/3/2017	<0.0002	
3/29/2017	<0.0002	
5/4/2017	<0.0002	
8/8/2017	<0.0002	
1/25/2018	<0.0002	
6/27/2018	<0.0002	
1/31/2019	<0.0002	
6/26/2019	<0.0002	
9/11/2019	<0.0002	
3/12/2020	<0.0002	
9/15/2020	<0.0002	
3/18/2021	<0.0002	
8/19/2021	<0.0002	
3/10/2022	<0.0002	
8/18/2022	<0.0002	
2/16/2023	<0.0002	
8/16/2023	<0.0002	
2/22/2024		<0.0002
8/6/2024		<0.0002
2/14/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.0002	
10/31/2011	<0.0002	
12/14/2011	<0.0002	
2/7/2012	<0.0002	
7/17/2012	<0.0002	
7/24/2013	<0.0002	
1/23/2014	<0.0002	
7/8/2014	<0.0002	
1/21/2015	<0.0002	
7/30/2015	<0.0002	
1/21/2016	<0.0002	
3/28/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	9.8E-05 (J)	
9/19/2016	<0.0002	
11/15/2016	<0.0002	
1/24/2017	<0.0002	
3/23/2017	<0.0002	
5/2/2017	<0.0002	
8/3/2017	<0.0002	
1/25/2018	<0.0002	
6/27/2018	<0.0002	
1/24/2019	<0.0002	
6/25/2019	<0.0002	
9/11/2019	<0.0002	
3/12/2020	<0.0002	
9/14/2020	<0.0002	
3/17/2021	<0.0002	
8/19/2021	<0.0002	
3/8/2022	<0.0002	
8/10/2022	<0.0002	
2/21/2023	<0.0002	
8/15/2023	<0.0002	
2/21/2024		<0.0002
8/1/2024		<0.0002
2/14/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.0002	
10/29/2011	<0.0002	
12/14/2011	<0.0002	
2/7/2012	<0.0002	
7/17/2012	<0.0002	
1/24/2013	<0.0002	
7/24/2013	<0.0002	
1/23/2014	<0.0002	
7/8/2014	<0.0002	
1/21/2015	<0.0002	
7/31/2015	<0.0002	
1/25/2016	<0.0002	
3/24/2016	<0.0002	
5/25/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/19/2016	<0.0002	
11/14/2016	<0.0002	
1/19/2017	<0.0002	
3/16/2017	0.00014 (J)	
5/1/2017	<0.0002	
8/3/2017	<0.0002	
1/22/2018	<0.0002	
6/27/2018	<0.0002	
1/24/2019	<0.0002	
6/25/2019	<0.0002	
9/12/2019	<0.0002	
3/13/2020	<0.0002	
9/15/2020	<0.0002	
3/17/2021	<0.0002	
8/19/2021	<0.0002	
3/9/2022	<0.0002	
8/10/2022	<0.0002	
2/21/2023	<0.0002	
8/16/2023	<0.0002	
2/20/2024		<0.0002
8/2/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.0002	
10/29/2011	<0.0002	
12/14/2011	<0.0002	
1/25/2012	<0.0002	
7/17/2012	<0.0002	
1/24/2013	<0.0002	
7/24/2013	<0.0002	
1/23/2014	<0.0002	
7/8/2014	<0.0002	
1/21/2015	<0.0002	
7/30/2015	<0.0002	
1/22/2016	<0.0002	
3/23/2016	<0.0002	
5/24/2016	<0.0002	
7/26/2016	0.00012 (J)	
9/19/2016	<0.0002	
11/11/2016	<0.0002	
1/20/2017	<0.0002	
3/16/2017	0.00015 (J)	
4/28/2017	<0.0002	
8/3/2017	<0.0002	
1/19/2018	<0.0002	
6/27/2018	<0.0002	
1/24/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/12/2020	<0.0002	
9/9/2020	<0.0002	
3/18/2021	<0.0002	
8/23/2021	<0.0002	
3/8/2022	<0.0002	
8/10/2022	<0.0002	
2/20/2023	<0.0002	
8/15/2023	<0.0002	
2/20/2024		<0.0002
7/30/2024		<0.0002
2/11/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.0002	
10/28/2011	<0.0002	
12/13/2011	<0.0002	
2/8/2012	<0.0002	
7/18/2012	<0.0002	
1/24/2013	<0.0002	
7/24/2013	<0.0002	
1/23/2014	<0.0002	
7/1/2014	<0.0002	
1/20/2015	<0.0002	
7/30/2015	<0.0002	
1/19/2016	<0.0002	
3/23/2016	<0.0002	
5/20/2016	<0.0002	
7/21/2016	8.6E-05 (J)	
9/20/2016	<0.0002	
11/14/2016	<0.0002	
1/24/2017	<0.0002	
3/17/2017	0.00017 (J)	
5/1/2017	<0.0002	
8/4/2017	<0.0002	
1/24/2018	<0.0002	
6/21/2018	<0.0002	
1/30/2019	<0.0002	
6/27/2019	<0.0002	
9/10/2019	0.00014 (J)	
3/11/2020	<0.0002	
9/10/2020	<0.0002	
3/18/2021	<0.0002	
8/23/2021	<0.0002	
3/2/2022	<0.0002	
8/10/2022	<0.0002	
2/14/2023	<0.0002	
8/16/2023	<0.0002	
2/21/2024		<0.0002
8/5/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.0002	
10/31/2011	<0.0002	
2/7/2012	<0.0002	
1/23/2013	<0.0002	
1/23/2014	<0.0002	
7/1/2014	<0.0002	
1/21/2015	<0.0002	
1/25/2016	<0.0002	
3/30/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	0.0001 (J)	
1/25/2017	<0.0002	
3/23/2017	<0.0002	
5/2/2017	<0.0002	
7/19/2017	<0.0002	
8/4/2017	<0.0002	
1/23/2018	<0.0002	
6/27/2018	<0.0002	
1/31/2019	<0.0002	
6/26/2019	<0.0002	
9/11/2019	<0.0002	
3/17/2020	<0.0002	
9/11/2020	<0.0002	
3/16/2021	<0.0002	
8/25/2021	0.00016 (J)	
3/10/2022	<0.0002	
8/16/2022	<0.0002	
2/22/2023	<0.0002	
8/16/2023	<0.0002	
2/21/2024		<0.0002
8/2/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.0002	
10/31/2011	<0.0002	
12/13/2011	<0.0002	
2/1/2012	<0.0002	
7/17/2012	<0.0002	
1/23/2013	<0.0002	
7/24/2013	<0.0002	
1/23/2014	<0.0002	
7/1/2014	<0.0002	
1/20/2015	<0.0002	
7/30/2015	<0.0002	
1/25/2016	<0.0002	
3/23/2016	<0.0002	
5/24/2016	<0.0002	
7/22/2016	<0.0002	
9/16/2016	<0.0002	
11/15/2016	<0.0002	
1/26/2017	7.3E-05 (J)	
3/24/2017	<0.0002	
5/2/2017	<0.0002	
8/3/2017	<0.0002	
1/23/2018	<0.0002	
6/26/2018	<0.0002	
1/30/2019	<0.0002	
6/27/2019	<0.0002	
9/12/2019	<0.0002	
3/18/2020	<0.0002	
9/15/2020	<0.0002	
3/17/2021	<0.0002	
8/24/2021	<0.0002	
3/9/2022	<0.0002	
8/10/2022	<0.0002	
2/15/2023	<0.0002	
8/15/2023	<0.0002	
2/20/2024		<0.0002
8/6/2024		<0.0002
2/19/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.0002	
10/30/2011	<0.0002	
12/13/2011	<0.0002	
2/1/2012	<0.0002	
7/17/2012	<0.0002	
1/23/2013	<0.0002	
7/17/2013	<0.0002	
1/23/2014	<0.0002	
1/20/2015	<0.0002	
7/29/2015	<0.0002	
1/25/2016	<0.0002	
3/23/2016	<0.0002	
5/24/2016	<0.0002	
7/22/2016	<0.0002	
9/16/2016	<0.0002	
11/17/2016	<0.0002	
1/25/2017	0.00012 (J)	
3/23/2017	<0.0002	
5/1/2017	<0.0002	
8/4/2017	<0.0002	
1/23/2018	<0.0002	
6/26/2018	<0.0002	
1/30/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/12/2020	<0.0002	
9/16/2020	<0.0002	
3/18/2021	<0.0002	
8/24/2021	<0.0002	
3/9/2022	<0.0002	
8/15/2022	<0.0002	
2/20/2023	<0.0002	
8/15/2023	<0.0002	
2/20/2024		<0.0002
7/31/2024		<0.0002
2/19/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.0002	
10/31/2011	<0.0002	
12/12/2011	<0.0002	
2/1/2012	<0.0002	
7/16/2012	<0.0002	
1/22/2013	<0.0002	
7/17/2013	<0.0002	
1/23/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/29/2015	<0.0002	
1/21/2016	<0.0002	
3/24/2016	<0.0002	
5/23/2016	<0.0002	
7/21/2016	8.4E-05 (J)	
9/15/2016	<0.0002	
11/15/2016	<0.0002	
1/25/2017	0.00012 (J)	
3/22/2017	7.9E-05 (J)	
5/1/2017	<0.0002	
8/3/2017	<0.0002	
1/23/2018	<0.0002	
6/20/2018	<0.0002	
1/28/2019	<0.0002	
6/26/2019	<0.0002	
9/11/2019	<0.0002	
3/11/2020	<0.0002	
9/11/2020	<0.0002	
3/16/2021	<0.0002	
8/24/2021	<0.0002	
3/2/2022	<0.0002	
8/10/2022	<0.0002	
2/20/2023	<0.0002	
8/16/2023	<0.0002	
2/22/2024		<0.0002
8/5/2024		<0.0002
2/13/2025		<0.0002

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.0002	
10/31/2011	<0.0002	
12/12/2011	<0.0002	
2/1/2012	<0.0002	
7/16/2012	<0.0002	
1/22/2013	<0.0002	
7/2/2013	<0.0002	
1/21/2014	<0.0002	
6/25/2014	<0.0002	
1/14/2015	<0.0002	
7/28/2015	<0.0002	
1/21/2016	<0.0002	
3/24/2016	<0.0002	
5/23/2016	<0.0002	
7/21/2016	<0.0002	
9/15/2016	<0.0002	
11/15/2016	9.6E-05 (J)	
1/26/2017	<0.0002	
3/22/2017	<0.0002	
5/2/2017	<0.0002	
8/3/2017	<0.0002	
1/23/2018	<0.0002	
6/19/2018	<0.0002	
1/21/2019	<0.0002	
6/26/2019	<0.0002	
9/12/2019	<0.0002	
3/11/2020	<0.0002	
9/11/2020	<0.0002	
3/16/2021	<0.0002	
8/18/2021	<0.0002	
3/2/2022	<0.0002	
8/15/2022	<0.0002	
2/20/2023	<0.0002	
8/16/2023	<0.0002	
2/22/2024		<0.0002
8/5/2024		<0.0002
2/18/2025		<0.0002

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.0025	
10/27/2011	<0.0025	
12/13/2011	<0.0025	
1/31/2012	<0.0025	
7/18/2012	<0.0025	
1/24/2013	<0.0025	
7/17/2013	<0.0025	
1/21/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/21/2015	<0.0025	
1/21/2016	<0.0025	
7/21/2016	<0.0025	
1/19/2017	<0.0025	
8/3/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/17/2019	0.00094 (J)	
6/24/2019	0.00095 (J)	
9/9/2019	0.00099 (J)	
3/10/2020	0.00067 (J)	
9/9/2020	0.00071 (J)	
3/15/2021	0.00059 (J)	
8/16/2021	0.00076 (J)	
2/28/2022	0.00089 (J)	
8/9/2022	0.0011	
2/14/2023	0.00071 (J)	
8/9/2023	0.00084 (J)	
2/13/2024		0.00087 (J)
7/30/2024		0.00074 (J)
2/11/2025		0.00096 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.0025	
10/27/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	0.0028	
7/23/2012	<0.0025	
1/23/2013	<0.0025	
7/24/2013	<0.0025	
1/22/2014	0.0013 (J)	
7/1/2014	0.0014 (J)	
1/22/2015	0.0017 (J)	
7/22/2015	0.0013 (J)	
1/20/2016	<0.0025	
7/26/2016	<0.0025	
1/19/2017	<0.0025	
8/2/2017	<0.0025	
1/19/2018	<0.0025	
6/19/2018	<0.0025	
1/17/2019	0.0011	
6/24/2019	0.0013	
9/10/2019	0.0014	
3/10/2020	0.0012	
9/10/2020	0.0011	
3/15/2021	0.00076 (J)	
8/18/2021	0.001	
3/1/2022	0.00062 (J)	
8/9/2022	0.00072 (J)	
2/14/2023	0.00046 (J)	
8/9/2023	0.00061 (J)	
2/14/2024		0.00078 (J)
7/30/2024		0.00056 (J)
2/11/2025		0.00077 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/14/2011	<0.0025	
2/1/2012	<0.0025	
7/23/2012	<0.0025	
1/23/2013	<0.0025	
7/17/2013	<0.0025	
1/15/2014	<0.0025	
6/25/2014	<0.0025	
1/14/2015	0.0073 (O)	
7/21/2015	<0.0025	
1/20/2016	0.002 (J)	
7/21/2016	<0.0025	
1/17/2017	0.007 (O)	
8/2/2017	<0.0025	
1/22/2018	<0.0025	
6/19/2018	0.0022 (J)	
1/17/2019	0.0017	
6/24/2019	0.0022	
9/10/2019	0.0017	
3/10/2020	0.0019	
9/9/2020	0.0012	
3/15/2021	0.0027	
8/18/2021	0.0032	
3/1/2022	0.0021	
8/9/2022	0.00087 (J)	
2/14/2023	0.00071 (J)	
8/9/2023	0.00063 (J)	
2/14/2024		0.0013
7/29/2024		0.0015
2/10/2025		0.0027

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/25/2012	<0.001	
7/16/2012	<0.001	
1/24/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	0.00092 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/21/2015	<0.001	
1/22/2016	<0.001	
7/25/2016	<0.001	
1/17/2017	<0.001	
8/1/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/21/2019	0.0004 (J)	
6/25/2019	0.00088 (J)	
9/10/2019	0.00047 (J)	
3/10/2020	0.00069 (J)	
9/9/2020	0.0004 (J)	
3/15/2021	<0.001	
8/16/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	0.0053	
10/28/2011	0.0042	
12/12/2011	<0.0025	
1/31/2012	0.0043	
7/17/2012	<0.0025	
1/24/2013	0.0052	
7/24/2013	0.0052	
1/22/2014	0.0031	
7/8/2014	0.0036	
1/21/2015	0.0026	
7/22/2015	0.0028	
1/19/2016	0.0021 (J)	
7/21/2016	0.0035	
1/17/2017	0.0022 (J)	
8/1/2017	0.0018 (J)	
1/19/2018	<0.0025	
6/19/2018	0.0024 (J)	
1/18/2019	0.0022	
6/25/2019	0.0028	
9/10/2019	0.0024	
3/10/2020	0.0012	
9/9/2020	0.0016	
3/15/2021	0.0019	
8/18/2021	0.0014	
3/2/2022	0.0012	
8/9/2022	0.0014	
2/13/2023	0.00079 (J)	
8/8/2023	0.0014	
2/14/2024		0.00074 (J)
7/30/2024		0.00059 (J)
2/11/2025		0.00074 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.0025	
10/27/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	0.0043	
1/9/2013	0.0082	
7/17/2013	0.0076	
1/15/2014	0.0083	
6/25/2014	0.0079	
1/13/2015	0.0072	
7/24/2015	0.0083	
1/20/2016	0.007	
7/21/2016	0.0085	
1/26/2017	0.0066	
8/3/2017	0.0088	
1/23/2018	0.0074	
6/25/2018	0.0053	
1/30/2019	0.0032	
6/26/2019	0.0051	
9/12/2019	0.0085	
3/16/2020	0.0049	
9/9/2020	0.0051	
3/17/2021	0.0035	
8/19/2021	0.0037	
3/2/2022	0.0038	
8/11/2022	0.0046	
2/20/2023	0.0038	
8/14/2023	0.0053	
2/14/2024		0.0069
7/31/2024		0.0052
2/14/2025		0.0054

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.0072	
10/30/2011	0.0055	
12/5/2011	0.0026	
1/25/2012	<0.0025	
7/24/2012	0.003	
1/8/2013	0.0036	
7/9/2013	0.0038	
1/15/2014	0.0049	
6/25/2014	0.0037	
1/20/2015	0.0035	
7/24/2015	0.0048	
1/20/2016	0.0044	
7/21/2016	0.0042	
1/26/2017	0.005	
8/3/2017	0.0051	
1/23/2018	0.0054	
6/25/2018	0.0056	
1/30/2019	0.0057	
6/26/2019	0.0052	
9/12/2019	0.0099	
3/16/2020	0.0043	
9/11/2020	0.0063	
3/17/2021	0.006	
8/18/2021	0.0058	
3/2/2022	0.0053	
8/11/2022	0.0075	
2/20/2023	0.0057	
8/14/2023	0.0064	
2/14/2024		0.0052
8/1/2024		0.0083
2/18/2025		0.005

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	0.013	
1/7/2013	0.019	
7/9/2013	0.018	
1/14/2014	0.017	
6/24/2014	0.016	
1/20/2015	0.015	
7/27/2015	0.013	
1/26/2016	0.012	
7/22/2016	0.011	
1/26/2017	0.011	
8/4/2017	0.011	
1/23/2018	0.0071	
6/25/2018	0.011	
1/21/2019	0.0077	
6/25/2019	0.01	
9/10/2019	0.0089	
3/12/2020	0.0074	
9/14/2020	0.0094	
3/16/2021	0.0067	
8/19/2021	0.0093	
3/2/2022	0.0076	
8/11/2022	0.0084	
2/21/2023	0.0079	
8/9/2023	0.008	
2/21/2024		0.0082
8/1/2024		0.0083
2/13/2025		0.0073

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/7/2013	0.0025	
7/9/2013	0.0027	
1/14/2014	0.0039	
6/24/2014	0.0014 (J)	
1/20/2015	0.0026	
7/27/2015	<0.0025	
1/26/2016	0.002 (J)	
7/26/2016	0.0053	
1/26/2017	0.0034	
8/7/2017	0.011 (O)	
1/24/2018	0.0023 (J)	
6/21/2018	0.0031	
1/22/2019	0.0025	
6/25/2019	0.0053	
9/10/2019	0.0026	
3/12/2020	0.0019	
9/14/2020	0.0041	
3/16/2021	0.0026	
8/20/2021	0.0041	
3/2/2022	0.003	
8/11/2022	0.0038	
2/15/2023	0.001	
8/9/2023	0.004	
2/21/2024		0.0021
7/30/2024		0.0029
2/13/2025		0.0016

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.029	
10/30/2011	<0.0025	
12/4/2011	0.0072	
1/19/2012	0.0053	
7/18/2012	0.012	
1/8/2013	0.014	
7/9/2013	0.015	
1/14/2014	0.015	
6/24/2014	0.0091	
1/20/2015	0.014	
7/27/2015	0.011	
1/26/2016	0.0096	
7/25/2016	0.016	
1/31/2017	0.055 (O)	
8/7/2017	0.0093	
1/24/2018	0.01	
6/21/2018	0.0083	
1/22/2019	0.008	
6/25/2019	0.01	
9/16/2019	0.0091	
3/16/2020	0.0091	
9/11/2020	0.016	
3/16/2021	0.012	
8/25/2021	0.0041	
3/9/2022	0.0076	
8/16/2022	0.077 (O)	
2/15/2023	0.0088	
8/9/2023	0.024	
2/19/2024		0.0093
7/31/2024		0.04
2/18/2025		0.011

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0017 (J)	
7/27/2016	0.0039	
2/1/2017	0.0043	
8/8/2017	0.0022 (J)	
1/25/2018	0.0046	
6/21/2018	0.0046	
1/31/2019	0.0018	
6/26/2019	0.0014	
9/17/2019	0.0013	
3/17/2020	0.0013	
9/10/2020	0.0045	
3/18/2021	0.00097 (J)	
8/20/2021	0.0014	
3/8/2022	0.0017	
8/16/2022	0.00086 (J)	
2/15/2023	0.0012	
8/10/2023	0.0027	
2/20/2024		0.0012
7/31/2024		0.0022
2/19/2025		0.0023

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
7/25/2016	<0.001	
1/31/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	0.00035 (J)	
6/26/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.0004 (J)	
9/10/2020	0.0011	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/18/2025		0.00055 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
7/22/2016	<0.001	
1/31/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/26/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	0.00088 (J)	
3/18/2020	<0.001	
9/10/2020	0.00039 (J)	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	0.00099 (J)	
8/14/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
7/26/2016	<0.001	
1/31/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	0.00033 (J)	
6/25/2019	0.00068 (J)	
9/12/2019	0.00055 (J)	
3/12/2020	<0.001	
9/10/2020	0.00037 (J)	
3/17/2021	0.00066 (J)	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/15/2022	0.0006 (J)	
2/21/2023	0.00051 (J)	
8/16/2023	0.00045 (J)	
2/19/2024		<0.001
8/5/2024		0.00046 (J)
2/18/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.0025	
10/27/2011	<0.0025	
12/3/2011	<0.0025	
1/24/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	0.0041	
7/1/2014	0.0017 (J)	
1/14/2015	0.0064	
7/22/2015	0.0089	
1/27/2016	0.014	
4/20/2016	0.013	
7/26/2016	0.01	
2/1/2017	0.013	
8/7/2017	0.018	
1/25/2018	0.013	
6/20/2018	0.015	
1/22/2019	0.014	
6/25/2019	0.016	
9/12/2019	0.016	
3/17/2020	0.017	
9/10/2020	0.015	
3/17/2021	0.018	
8/23/2021	0.021	
3/7/2022	0.02	
8/16/2022	0.013	
2/17/2023	0.019	
8/14/2023	0.019	
2/19/2024		0.023
8/6/2024		0.015
2/17/2025		0.019

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/14/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
7/26/2016	<0.001	
2/1/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	0.00031 (J)	
9/17/2019	<0.001	
3/16/2020	<0.001	
9/10/2020	0.00037 (J)	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/14/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
7/27/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	<0.001	
6/25/2019	0.00067 (J)	
9/11/2019	0.00077 (J)	
3/17/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/20/2023	0.00062 (J)	
8/14/2023	<0.001	
2/21/2024		0.00045 (J)
8/5/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
7/27/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/26/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	0.00092 (J)	
9/11/2019	0.00092 (J)	
3/17/2020	<0.001	
9/14/2020	0.00041 (J)	
3/16/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	0.00057 (J)	
8/10/2023	<0.001	
2/20/2024		<0.001
8/7/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
7/25/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	<0.001	
6/27/2019	<0.001	
9/11/2019	0.00066 (J)	
3/17/2020	<0.001	
9/14/2020	0.0015	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	0.0005 (J)	
8/9/2023	<0.001	
2/21/2024		<0.001
8/7/2024		<0.001
2/13/2025		0.00064 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
7/25/2016	<0.001	
2/2/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	0.0009 (J)	
6/26/2019	0.00051 (J)	
9/12/2019	0.00044 (J)	
3/18/2020	0.0011	
9/15/2020	0.0005 (J)	
3/17/2021	0.001	
8/24/2021	0.0005 (J)	
3/8/2022	0.0012	
8/11/2022	<0.001	
2/21/2023	0.0014	
8/9/2023	<0.001	
2/21/2024		0.0014
8/6/2024		0.00051 (J)
2/14/2025		0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
7/25/2016	<0.001	
2/2/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	<0.001	
6/25/2019	0.00048 (J)	
9/11/2019	0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/9/2023	<0.001	
2/20/2024		<0.001
8/2/2024		0.00082 (J)
2/14/2025		0.00093 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/17/2012	<0.001	
1/9/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
7/26/2016	<0.001	
2/2/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	0.00051 (J)	
6/25/2019	0.00085 (J)	
9/11/2019	0.00066 (J)	
3/18/2020	0.0004 (J)	
9/15/2020	0.00076 (J)	
3/16/2021	0.00097 (J)	
8/19/2021	0.00071 (J)	
3/7/2022	<0.001	
8/16/2022	0.00082 (J)	
2/21/2023	<0.001	
8/9/2023	0.0005 (J)	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		0.00075 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
7/26/2016	<0.001	
2/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	0.00031 (J)	
9/10/2019	<0.001	
3/18/2020	0.00042 (J)	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/17/2022	<0.001	
2/14/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
7/27/2016	<0.001	
2/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	0.00044 (J)	
6/26/2019	<0.001	
9/12/2019	0.00044 (J)	
3/18/2020	0.00079 (J)	
9/10/2020	0.00058 (J)	
3/18/2021	0.00052 (J)	
8/23/2021	0.00059 (J)	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	0.00062 (J)	
8/15/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	0.0022 (J)	
7/31/2015	0.0018 (J)	
1/20/2016	0.0027	
7/27/2016	<0.0025	
2/3/2017	0.0025	
8/8/2017	0.0036	
1/25/2018	0.0022 (J)	
6/27/2018	<0.0025	
1/31/2019	0.0018	
6/26/2019	0.0016	
9/11/2019	0.0018	
3/12/2020	0.0025	
9/15/2020	0.0022	
3/18/2021	0.0017	
8/19/2021	0.0017	
3/10/2022	0.0011	
8/18/2022	0.002	
2/16/2023	0.0014	
8/16/2023	0.0013	
2/22/2024		0.0034
8/6/2024		0.0019
2/14/2025		0.0035

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.0025	
10/31/2011	<0.0025	
12/14/2011	<0.0025	
2/7/2012	<0.0025	
7/17/2012	0.014	
7/24/2013	0.019	
1/23/2014	0.0036	
7/8/2014	0.011	
1/21/2015	0.0033	
7/30/2015	0.0054	
1/21/2016	0.0054	
7/27/2016	0.0065	
1/24/2017	0.012	
8/3/2017	<0.0025	
1/25/2018	0.0071	
6/27/2018	0.0072	
1/24/2019	0.0027	
6/25/2019	0.0021	
9/11/2019	0.024	
3/12/2020	0.0054	
9/14/2020	0.015	
3/17/2021	0.0053	
8/19/2021	0.0035	
3/8/2022	0.0039	
8/10/2022	0.0026	
2/21/2023	0.0039	
8/15/2023	0.0082	
2/21/2024		0.0038
8/1/2024		0.0055
2/14/2025		0.0036

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/31/2015	<0.001	
1/25/2016	<0.001	
7/26/2016	<0.001	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00087 (J)	
6/25/2019	0.0031	
9/12/2019	0.00081 (J)	
3/13/2020	0.00097 (J)	
9/15/2020	0.00072 (J)	
3/17/2021	0.0014	
8/19/2021	0.00059 (J)	
3/9/2022	0.0011	
8/10/2022	0.00073 (J)	
2/21/2023	0.00078 (J)	
8/16/2023	0.00062 (J)	
2/20/2024		<0.001
8/2/2024		<0.001
2/13/2025		0.00069 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
1/25/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/22/2016	<0.001	
7/26/2016	<0.001	
1/20/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00035 (J)	
6/26/2019	<0.001	
9/12/2019	0.00044 (J)	
3/12/2020	<0.001	
9/9/2020	0.00052 (J)	
3/18/2021	<0.001	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	0.0041	
10/31/2011	0.003	
2/7/2012	0.0029	
1/23/2013	0.0027	
1/23/2014	0.0016 (J)	
7/1/2014	0.0021 (J)	
1/21/2015	<0.0025	
1/25/2016	<0.0025	
7/27/2016	0.0038	
1/25/2017	<0.0025	
8/4/2017	0.0029	
1/23/2018	0.012	
6/27/2018	0.0065	
1/31/2019	0.0011	
6/26/2019	0.00034 (J)	
9/11/2019	0.01	
3/17/2020	0.0029	
9/11/2020	0.0019	
3/16/2021	0.0014	
8/25/2021	0.00064 (J)	
3/10/2022	0.00055 (J)	
8/16/2022	0.0016	
2/22/2023	0.00047 (J)	
8/16/2023	0.0022	
2/21/2024		0.0016
8/2/2024		0.002
2/18/2025		0.00074 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.001	
10/31/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	0.00094 (J)	
7/1/2014	<0.001	
1/20/2015	<0.001	
7/30/2015	<0.001	
1/25/2016	<0.001	
7/22/2016	<0.001	
1/26/2017	<0.001	
8/3/2017	0.0018 (J)	
1/23/2018	<0.001	
6/26/2018	<0.001	
1/30/2019	0.00064 (J)	
6/27/2019	0.00059 (J)	
9/12/2019	0.0013	
3/18/2020	0.0011	
9/15/2020	0.00095 (J)	
3/17/2021	0.00082 (J)	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/15/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.001	
10/30/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	0.00078 (J)	
1/20/2015	<0.001	
7/29/2015	<0.001	
1/25/2016	<0.001	
7/22/2016	0.0023 (J)	
1/25/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/26/2018	<0.001	
1/30/2019	0.00054 (J)	
6/26/2019	0.00068 (J)	
9/12/2019	0.00078 (J)	
3/12/2020	0.0012	
9/16/2020	0.0012	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.0025	
10/31/2011	<0.0025	
12/12/2011	<0.0025	
2/1/2012	<0.0025	
7/16/2012	<0.0025	
1/22/2013	<0.0025	
7/17/2013	<0.0025	
1/23/2014	0.00062 (J)	
6/25/2014	<0.0025	
1/14/2015	<0.0025	
7/29/2015	<0.0025	
1/21/2016	<0.0025	
7/21/2016	<0.0025	
1/25/2017	<0.0025	
8/3/2017	0.012 (O)	
1/23/2018	<0.0025	
6/20/2018	<0.0025	
1/28/2019	0.00047 (J)	
6/26/2019	0.00047 (J)	
9/11/2019	0.0014	
3/11/2020	0.0005 (J)	
9/11/2020	0.00053 (J)	
3/16/2021	0.00059 (J)	
8/24/2021	0.00043 (J)	
3/2/2022	0.00064 (J)	
8/10/2022	0.00063 (J)	
2/20/2023	0.00077 (J)	
8/16/2023	0.00079 (J)	
2/22/2024		0.00065 (J)
8/5/2024		0.0007 (J)
2/13/2025		0.00067 (J)

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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	0.0037	
10/31/2011	0.0047	
12/12/2011	0.0048	
2/1/2012	0.0027	
7/16/2012	0.0035	
1/22/2013	0.003	
7/2/2013	0.0027	
1/21/2014	0.002 (J)	
6/25/2014	0.0026	
1/14/2015	0.0021 (J)	
7/28/2015	0.0016 (J)	
1/21/2016	0.0017 (J)	
7/21/2016	<0.0025	
1/26/2017	<0.0025	
8/3/2017	<0.0025	
1/23/2018	<0.0025	
6/19/2018	<0.0025	
1/21/2019	0.0011	
6/26/2019	0.0013	
9/12/2019	0.0012	
3/11/2020	0.001	
9/11/2020	0.00095 (J)	
3/16/2021	0.0011	
8/18/2021	0.00094 (J)	
3/2/2022	0.0015	
8/15/2022	0.0014	
2/20/2023	0.0012	
8/16/2023	0.002	
2/22/2024		0.0019
8/5/2024		0.003
2/18/2025		0.0026

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.005	
10/27/2011	<0.005	
12/13/2011	<0.005	
1/31/2012	<0.005	
7/18/2012	<0.005	
1/24/2013	<0.005	
7/17/2013	<0.005	
1/21/2014	<0.005	
6/25/2014	<0.005	
1/14/2015	<0.005	
7/21/2015	<0.005	
1/21/2016	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/11/2016	<0.005	
1/19/2017	<0.005	
3/16/2017	<0.005	
4/28/2017	<0.005	
8/3/2017	<0.005	
1/19/2018	<0.005	
6/19/2018	0.00054 (J)	
1/17/2019	<0.005	
6/24/2019	<0.005	
9/9/2019	<0.005	
3/10/2020	<0.005	
9/9/2020	<0.005	
3/15/2021	<0.005	
8/16/2021	<0.005	
2/28/2022	<0.005	
8/9/2022	<0.005	
2/14/2023	<0.005	
8/9/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.005	
10/27/2011	<0.005	
12/14/2011	<0.005	
2/1/2012	<0.005	
7/23/2012	<0.005	
1/23/2013	<0.005	
7/17/2013	<0.005	
1/15/2014	<0.005	
6/25/2014	<0.005	
1/14/2015	<0.005	
7/21/2015	<0.005	
1/20/2016	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/21/2016	<0.005	
9/14/2016	<0.005	
11/10/2016	<0.005	
1/17/2017	<0.005	
3/16/2017	<0.005	
4/27/2017	<0.005	
8/2/2017	<0.005	
1/22/2018	<0.005	
6/19/2018	0.00086 (J)	
1/17/2019	<0.005	
6/24/2019	<0.005	
9/10/2019	<0.005	
3/10/2020	<0.005	
9/9/2020	<0.005	
3/15/2021	<0.005	
8/18/2021	<0.005	
3/1/2022	<0.005	
8/9/2022	<0.005	
2/14/2023	<0.005	
8/9/2023	<0.005	
2/14/2024		<0.005
7/29/2024		<0.005
2/10/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.005	
10/28/2011	<0.005	
12/12/2011	<0.005	
1/25/2012	<0.005	
7/16/2012	<0.005	
1/24/2013	<0.005	
7/23/2013	<0.005	
1/22/2014	<0.005	
7/1/2014	<0.005	
1/21/2015	<0.005	
7/21/2015	<0.005	
1/22/2016	<0.005	
3/22/2016	<0.005	
5/23/2016	<0.005	
7/25/2016	0.0004 (J)	
9/15/2016	<0.005	
11/9/2016	<0.005	
1/17/2017	<0.005	
3/16/2017	<0.005	
4/27/2017	<0.005	
8/1/2017	<0.005	
1/19/2018	0.00073 (J)	
6/19/2018	<0.005	
1/21/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	<0.005	
3/10/2020	<0.005	
9/9/2020	<0.005	
3/15/2021	<0.005	
8/16/2021	<0.005	
3/1/2022	<0.005	
8/9/2022	<0.005	
2/14/2023	<0.005	
8/9/2023	<0.005	
2/14/2024		<0.005
7/29/2024		<0.005
2/10/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.005	
10/28/2011	<0.005	
12/12/2011	<0.005	
1/31/2012	<0.005	
7/17/2012	<0.005	
1/24/2013	<0.005	
7/24/2013	<0.005	
1/22/2014	<0.005	
7/8/2014	<0.005	
1/21/2015	<0.005	
7/22/2015	<0.005	
1/19/2016	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/21/2016	0.00045 (J)	
1/17/2017	<0.005	
3/15/2017	<0.005	
4/27/2017	<0.005	
7/18/2017	<0.005	
8/1/2017	0.00036 (J)	
1/19/2018	0.00027 (J)	
6/19/2018	0.00051 (J)	
1/18/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	<0.005	
3/10/2020	<0.005	
9/9/2020	<0.005	
3/15/2021	<0.005	
8/18/2021	<0.005	
3/2/2022	<0.005	
8/9/2022	<0.005	
2/13/2023	<0.005	
8/8/2023	<0.005	
2/14/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.005	
10/27/2011	<0.005	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	<0.005	
1/9/2013	<0.005	
7/17/2013	<0.005	
1/15/2014	<0.005	
6/25/2014	<0.005	
1/13/2015	<0.005	
7/24/2015	<0.005	
1/20/2016	<0.005	
3/28/2016	<0.005	
5/23/2016	<0.005	
7/21/2016	0.00025 (J)	
9/15/2016	<0.005	
11/15/2016	<0.005	
1/26/2017	<0.005	
3/22/2017	<0.005	
5/2/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/25/2018	0.0008 (J)	
1/30/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	<0.005	
3/16/2020	<0.005	
9/9/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	<0.005	
2/20/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/14/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.005	
10/30/2011	<0.005	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/24/2012	<0.005	
1/8/2013	<0.005	
7/9/2013	<0.005	
1/15/2014	<0.005	
6/25/2014	<0.005	
1/20/2015	<0.005	
7/24/2015	<0.005	
1/20/2016	<0.005	
3/28/2016	<0.005	
5/24/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/16/2016	0.00031 (J)	
1/26/2017	<0.005	
3/22/2017	<0.005	
5/2/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/25/2018	0.0008 (J)	
1/30/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	<0.005	
3/16/2020	<0.005	
9/11/2020	<0.005	
3/17/2021	<0.005	
8/18/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	<0.005	
2/20/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
8/1/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.005	
10/30/2011	<0.005	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	<0.005	
1/7/2013	<0.005	
7/9/2013	<0.005	
1/14/2014	<0.005	
6/24/2014	<0.005	
1/20/2015	<0.005	
7/27/2015	<0.005	
1/26/2016	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
7/22/2016	<0.005	
9/15/2016	<0.005	
11/16/2016	<0.005	
1/26/2017	<0.005	
3/22/2017	<0.005	
5/2/2017	<0.005	
8/4/2017	0.00033 (J)	
1/23/2018	<0.005	
6/25/2018	<0.005	
1/21/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	<0.005	
3/12/2020	<0.005	
9/14/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
2/21/2024		<0.005
8/1/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.005	
10/30/2011	<0.005	
12/5/2011	<0.005	
1/19/2012	<0.005	
7/18/2012	<0.005	
1/7/2013	<0.005	
7/9/2013	<0.005	
1/14/2014	<0.005	
6/24/2014	<0.005	
1/20/2015	<0.005	
7/27/2015	<0.005	
1/26/2016	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
7/26/2016	<0.005	
9/19/2016	<0.005	
11/16/2016	<0.005	
1/26/2017	<0.005	
3/23/2017	<0.005	
5/3/2017	0.0018	
8/7/2017	0.00068 (J)	
1/24/2018	0.00025 (J)	
6/21/2018	0.00029 (J)	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	<0.005	
3/12/2020	<0.005	
9/14/2020	<0.005	
3/16/2021	<0.005	
8/20/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	<0.005	
2/15/2023	<0.005	
8/9/2023	<0.005	
2/21/2024		<0.005
7/30/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.015 (O)	
10/30/2011	<0.005	
12/4/2011	<0.005	
1/19/2012	<0.005	
7/18/2012	<0.005	
1/8/2013	<0.005	
7/9/2013	<0.005	
1/14/2014	<0.005	
6/24/2014	<0.005	
1/20/2015	<0.005	
7/27/2015	<0.005	
1/26/2016	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/16/2016	<0.005	
1/31/2017	0.00053 (J)	
3/23/2017	<0.005	
5/2/2017	<0.005	
8/7/2017	0.0009 (J)	
1/24/2018	0.00052 (J)	
6/21/2018	0.00063 (J)	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/11/2020	<0.005	
3/16/2021	<0.005	
8/25/2021	<0.005	
3/9/2022	<0.005	
8/16/2022	<0.005	
2/15/2023	<0.005	
8/9/2023	<0.005	
2/19/2024		<0.005
7/31/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	<0.005	
2/9/2012	<0.005	
7/18/2012	<0.005	
1/8/2013	<0.005	
7/9/2013	<0.005	
1/15/2014	<0.005	
6/25/2014	<0.005	
1/21/2015	<0.005	
7/28/2015	<0.005	
1/26/2016	<0.005	
3/29/2016	<0.005	
5/25/2016	<0.005	
7/25/2016	0.00041 (J)	
9/19/2016	0.00084 (J)	
11/16/2016	<0.005	
1/31/2017	0.00033 (J)	
3/23/2017	<0.005	
5/2/2017	<0.005	
8/7/2017	<0.005	
1/24/2018	<0.005	
6/20/2018	0.00026 (J)	
1/24/2019	<0.005	
6/26/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/10/2020	<0.005	
3/17/2021	<0.005	
8/23/2021	<0.005	
3/7/2022	<0.005	
8/15/2022	<0.005	
2/21/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
8/6/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	<0.005	
1/24/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/10/2013	<0.005	
1/21/2014	<0.005	
7/1/2014	<0.005	
1/21/2015	<0.005	
7/28/2015	<0.005	
1/26/2016	<0.005	
3/29/2016	<0.005	
5/25/2016	<0.005	
7/22/2016	<0.005	
9/15/2016	<0.005	
11/16/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
5/3/2017	<0.005	
8/7/2017	0.00032 (J)	
1/24/2018	<0.005	
6/26/2018	<0.005	
1/25/2019	<0.005	
6/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	<0.005	
2/15/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/6/2024		<0.005
2/17/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	<0.005	
1/24/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/10/2013	<0.005	
1/21/2014	<0.005	
7/1/2014	<0.005	
1/21/2015	<0.005	
7/28/2015	<0.005	
1/27/2016	<0.005	
3/29/2016	<0.005	
5/25/2016	<0.005	
7/26/2016	<0.005	
9/15/2016	<0.005	
11/17/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	0.0021	
5/3/2017	<0.005	
8/4/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/12/2019	<0.005	
3/12/2020	<0.005	
9/10/2020	<0.005	
3/17/2021	<0.005	
8/23/2021	<0.005	
3/8/2022	<0.005	
8/15/2022	<0.005	
2/21/2023	<0.005	
8/16/2023	<0.005	
2/19/2024		<0.005
8/5/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.005	
10/27/2011	<0.005	
12/3/2011	<0.005	
1/24/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/10/2013	<0.005	
1/21/2014	<0.005	
7/1/2014	<0.005	
1/14/2015	<0.005	
7/22/2015	<0.005	
1/27/2016	0.0071	
3/30/2016	0.00273 (J)	
4/20/2016	<0.005	
5/25/2016	<0.005	
7/26/2016	<0.005	
9/15/2016	<0.005	
11/17/2016	0.00047 (J)	
2/1/2017	<0.005	
3/23/2017	<0.005	
5/3/2017	<0.005	
8/7/2017	0.00088 (J)	
1/25/2018	0.00025 (J)	
6/20/2018	0.0017	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/12/2019	0.0032 (J)	
3/17/2020	0.0023 (J)	
9/10/2020	0.0022 (J)	
3/17/2021	0.0025 (J)	
8/23/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	0.0022 (J)	
2/17/2023	<0.005	
8/14/2023	<0.005	
2/19/2024		<0.005
8/6/2024		0.0018 (J)
2/17/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.005	
10/27/2011	<0.005	
12/3/2011	<0.005	
2/9/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/2/2013	<0.005	
1/21/2014	<0.005	
6/24/2014	<0.005	
1/14/2015	<0.005	
7/22/2015	<0.005	
1/27/2016	<0.005	
3/30/2016	<0.005	
5/25/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/17/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
5/3/2017	<0.005	
8/4/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	0.00027 (J)	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/17/2019	<0.005	
3/16/2020	<0.005	
9/10/2020	<0.005	
3/18/2021	<0.005	
8/24/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	<0.005	
2/21/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.005	
10/26/2011	<0.005	
12/3/2011	<0.005	
1/25/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/2/2013	<0.005	
1/14/2014	<0.005	
6/25/2014	<0.005	
1/13/2015	<0.005	
7/22/2015	<0.005	
1/27/2016	<0.005	
3/30/2016	<0.005	
5/25/2016	<0.005	
7/27/2016	0.00029 (J)	
9/16/2016	<0.005	
11/17/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
5/3/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/25/2019	<0.005	
6/25/2019	<0.005	
9/11/2019	<0.005	
3/17/2020	<0.005	
9/11/2020	<0.005	
3/17/2021	<0.005	
8/20/2021	<0.005	
3/8/2022	<0.005	
8/16/2022	<0.005	
2/20/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.005	
10/26/2011	<0.005	
12/3/2011	<0.005	
2/9/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/14/2014	<0.005	
6/24/2014	<0.005	
1/13/2015	<0.005	
7/23/2015	<0.005	
1/27/2016	<0.005	
3/30/2016	<0.005	
5/26/2016	<0.005	
7/25/2016	0.00073 (J)	
9/19/2016	<0.005	
11/17/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
5/3/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/21/2018	<0.005	
1/28/2019	<0.005	
6/27/2019	<0.005	
9/11/2019	<0.005	
3/17/2020	<0.005	
9/14/2020	<0.005	
3/16/2021	<0.005	
8/24/2021	<0.005	
3/8/2022	<0.005	
8/11/2022	<0.005	
2/20/2023	<0.005	
8/9/2023	<0.005	
2/21/2024		<0.005
8/7/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.005	
10/27/2011	<0.005	
12/4/2011	<0.005	
2/8/2012	<0.005	
7/17/2012	<0.005	
1/9/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	<0.005	
6/24/2014	<0.005	
1/13/2015	<0.005	
7/23/2015	<0.005	
1/26/2016	<0.005	
3/30/2016	<0.005	
5/26/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/17/2016	<0.005	
2/2/2017	<0.005	
3/28/2017	<0.005	
5/4/2017	<0.005	
8/7/2017	<0.005	
1/26/2018	<0.005	
6/20/2018	0.00046 (J)	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
2/19/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.005	
10/29/2011	<0.005	
12/13/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	<0.005	
1/22/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	<0.005	
6/25/2014	<0.005	
1/14/2015	<0.005	
7/23/2015	<0.005	
1/26/2016	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/17/2016	<0.005	
2/3/2017	<0.005	
3/28/2017	<0.005	
5/3/2017	<0.005	
8/8/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	0.0003 (J)	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
3/15/2021	<0.005	
8/19/2021	<0.005	
3/8/2022	<0.005	
8/17/2022	<0.005	
2/14/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
8/6/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.005	
10/31/2011	<0.005	
12/14/2011	<0.005	
2/7/2012	<0.005	
7/17/2012	<0.005	
7/24/2013	<0.005	
1/23/2014	<0.005	
7/8/2014	<0.005	
1/21/2015	<0.005	
7/30/2015	<0.005	
1/21/2016	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
7/27/2016	0.00033 (J)	
9/19/2016	<0.005	
11/15/2016	<0.005	
1/24/2017	<0.005	
3/23/2017	<0.005	
5/2/2017	<0.005	
8/3/2017	<0.005	
1/25/2018	<0.005	
6/27/2018	<0.005	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/11/2019	<0.005	
3/12/2020	<0.005	
9/14/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
3/8/2022	<0.005	
8/10/2022	<0.005	
2/21/2023	<0.005	
8/15/2023	<0.005	
2/21/2024		<0.005
8/1/2024		<0.005
2/14/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.005	
10/29/2011	<0.005	
12/14/2011	<0.005	
2/7/2012	<0.005	
7/17/2012	<0.005	
1/24/2013	<0.005	
7/24/2013	<0.005	
1/23/2014	<0.005	
7/8/2014	<0.005	
1/21/2015	<0.005	
7/31/2015	<0.005	
1/25/2016	<0.005	
3/24/2016	<0.005	
5/25/2016	<0.005	
7/26/2016	<0.005	
9/19/2016	<0.005	
11/14/2016	<0.005	
1/19/2017	<0.005	
3/16/2017	<0.005	
5/1/2017	0.0018	
8/3/2017	<0.005	
1/22/2018	0.0003 (J)	
6/27/2018	<0.005	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/12/2019	<0.005	
3/13/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
3/9/2022	<0.005	
8/10/2022	<0.005	
2/21/2023	<0.005	
8/16/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.005	
10/29/2011	<0.005	
12/14/2011	<0.005	
1/25/2012	<0.005	
7/17/2012	<0.005	
1/24/2013	<0.005	
7/24/2013	<0.005	
1/23/2014	<0.005	
7/8/2014	<0.005	
1/21/2015	<0.005	
7/30/2015	<0.005	
1/22/2016	<0.005	
3/23/2016	<0.005	
5/24/2016	<0.005	
7/26/2016	<0.005	
9/19/2016	<0.005	
11/11/2016	<0.005	
1/20/2017	0.00045 (J)	
3/16/2017	<0.005	
4/28/2017	<0.005	
8/3/2017	<0.005	
1/19/2018	<0.005	
6/27/2018	<0.005	
1/24/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	<0.005	
3/12/2020	<0.005	
9/9/2020	<0.005	
3/18/2021	<0.005	
8/23/2021	<0.005	
3/8/2022	<0.005	
8/10/2022	<0.005	
2/20/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.005	
10/28/2011	<0.005	
12/13/2011	<0.005	
2/8/2012	<0.005	
7/18/2012	<0.005	
1/24/2013	<0.005	
7/24/2013	<0.005	
1/23/2014	<0.005	
7/1/2014	<0.005	
1/20/2015	<0.005	
7/30/2015	<0.005	
1/19/2016	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/21/2016	0.0003 (J)	
9/20/2016	<0.005	
11/14/2016	<0.005	
1/24/2017	<0.005	
3/17/2017	<0.005	
5/1/2017	<0.005	
8/4/2017	0.00027 (J)	
1/24/2018	0.00067 (J)	
6/21/2018	<0.005	
1/30/2019	<0.005	
6/27/2019	<0.005	
9/10/2019	<0.005	
3/11/2020	<0.005	
9/10/2020	<0.005	
3/18/2021	<0.005	
8/23/2021	<0.005	
3/2/2022	<0.005	
8/10/2022	<0.005	
2/14/2023	<0.005	
8/16/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.005	
10/31/2011	<0.005	
2/7/2012	<0.005	
1/23/2013	<0.005	
1/23/2014	<0.005	
7/1/2014	<0.005	
1/21/2015	<0.005	
1/25/2016	<0.005	
3/30/2016	<0.005	
5/25/2016	<0.005	
7/27/2016	0.00095 (J)	
1/25/2017	0.00035 (J)	
3/23/2017	<0.005	
5/2/2017	<0.005	
7/19/2017	0.00068 (J)	
8/4/2017	0.00042 (J)	
1/23/2018	0.001 (J)	
6/27/2018	0.00044 (J)	
1/31/2019	<0.005	
6/26/2019	<0.005	
9/11/2019	<0.005	
3/17/2020	<0.005	
9/11/2020	<0.005	
3/16/2021	<0.005	
8/25/2021	<0.005	
3/10/2022	<0.005	
8/16/2022	<0.005	
2/22/2023	<0.005	
8/16/2023	<0.005	
2/21/2024		<0.005
8/2/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.005	
10/31/2011	<0.005	
12/13/2011	<0.005	
2/1/2012	<0.005	
7/17/2012	<0.005	
1/23/2013	<0.005	
7/24/2013	<0.005	
1/23/2014	<0.005	
7/1/2014	<0.005	
1/20/2015	<0.005	
7/30/2015	<0.005	
1/25/2016	<0.005	
3/23/2016	<0.005	
5/24/2016	<0.005	
7/22/2016	0.00025 (J)	
9/16/2016	<0.005	
11/15/2016	<0.005	
1/26/2017	<0.005	
3/24/2017	<0.005	
5/2/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/26/2018	<0.005	
1/30/2019	<0.005	
6/27/2019	<0.005	
9/12/2019	<0.005	
3/18/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/24/2021	<0.005	
3/9/2022	<0.005	
8/10/2022	<0.005	
2/15/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
8/6/2024		<0.005
2/19/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.005	
10/30/2011	<0.005	
12/13/2011	<0.005	
2/1/2012	<0.005	
7/17/2012	<0.005	
1/23/2013	<0.005	
7/17/2013	<0.005	
1/23/2014	<0.005	
1/20/2015	<0.005	
7/29/2015	<0.005	
1/25/2016	<0.005	
3/23/2016	<0.005	
5/24/2016	<0.005	
7/22/2016	0.00074 (J)	
9/16/2016	<0.005	
11/17/2016	<0.005	
1/25/2017	<0.005	
3/23/2017	<0.005	
5/1/2017	0.00084 (J)	
8/4/2017	0.00084 (J)	
1/23/2018	0.001 (J)	
6/26/2018	0.00085 (J)	
1/30/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/18/2021	<0.005	
8/24/2021	<0.005	
3/9/2022	<0.005	
8/15/2022	<0.005	
2/20/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
7/31/2024		<0.005
2/19/2025		<0.005

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.005	
10/31/2011	<0.005	
12/12/2011	<0.005	
2/1/2012	<0.005	
7/16/2012	<0.005	
1/22/2013	<0.005	
7/2/2013	<0.005	
1/21/2014	<0.005	
6/25/2014	<0.005	
1/14/2015	<0.005	
7/28/2015	<0.005	
1/21/2016	<0.005	
3/24/2016	<0.005	
5/23/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/15/2016	<0.005	
1/26/2017	<0.005	
3/22/2017	<0.005	
5/2/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/19/2018	0.00025 (J)	
1/21/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/11/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
3/2/2022	<0.005	
8/15/2022	<0.005	
2/20/2023	<0.005	
8/16/2023	<0.005	
2/22/2024		<0.005
8/5/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.001	
10/28/2011	<0.001	
12/12/2011	<0.001	
1/31/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	0.003 (O)	
1/22/2014	0.0011 (J)	
7/8/2014	0.0013 (J)	
1/21/2015	0.00071 (J)	
7/22/2015	0.00059 (J)	
1/19/2016	0.0011 (J)	
7/21/2016	0.0019	
1/17/2017	0.0015	
8/1/2017	0.00098 (J)	
1/19/2018	0.00081 (J)	
6/19/2018	0.0009 (J)	
1/18/2019	0.00061 (J)	
6/25/2019	0.0017	
9/10/2019	0.0015	
3/10/2020	0.00099 (J)	
9/9/2020	0.00094 (J)	
3/15/2021	0.00085 (J)	
8/18/2021	0.0013	
3/2/2022	0.0013	
8/9/2022	0.001	
2/13/2023	0.0011	
8/8/2023	0.00097 (J)	
2/14/2024		0.0011
7/30/2024		0.0009 (J)
2/11/2025		0.0012

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.001	
10/27/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/9/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
7/21/2016	<0.001	
1/26/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	<0.001	
1/30/2019	0.00016 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/16/2020	<0.001	
9/9/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/24/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/20/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	0.00051 (J)	
7/21/2016	<0.001	
1/26/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	<0.001	
1/30/2019	0.0032 (O)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/16/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/1/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.001	
7/27/2016	0.00017 (J)	
2/1/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/31/2019	0.0055 (O)	
6/26/2019	<0.001	
9/17/2019	<0.001	
3/17/2020	<0.001	
9/10/2020	<0.001	
3/18/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/10/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
7/25/2016	<0.001	
1/31/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	0.00033 (J)	
6/26/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	<0.001	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
7/22/2016	<0.001	
1/31/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/26/2018	<0.001	
1/25/2019	0.00017 (J)	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/14/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/14/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	0.00078 (J)	
7/26/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/17/2020	<0.001	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/17/2023	<0.001	
8/14/2023	<0.001	
2/19/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/13/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
7/27/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	0.00035 (J)	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/11/2020	<0.001	
3/17/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/16/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.001	
10/26/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
1/25/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/14/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/28/2015	<0.001	
1/27/2016	<0.001	
7/27/2016	<0.001	
2/1/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/26/2018	<0.001	
1/24/2019	0.00047 (J)	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/10/2023	<0.001	
2/20/2024		<0.001
8/7/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/17/2012	<0.001	
1/9/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
7/26/2016	<0.001	
2/2/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	0.00063 (J)	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
7/26/2016	<0.001	
2/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	0.00038 (J)	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/17/2022	<0.001	
2/14/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/22/2015	<0.001	
7/29/2015	<0.001	
1/21/2016	<0.001	
7/27/2016	<0.001	
2/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	0.00039 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
3/18/2021	<0.001	
8/23/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.001	
7/31/2015	<0.001	
1/20/2016	<0.001	
7/27/2016	<0.001	
2/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	0.00069 (J)	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/12/2020	<0.001	
9/15/2020	<0.001	
3/18/2021	<0.001	
8/19/2021	<0.001	
3/10/2022	<0.001	
8/18/2022	<0.001	
2/16/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/6/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.001	
10/31/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/21/2016	<0.001	
7/27/2016	<0.001	
1/24/2017	<0.001	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00034 (J)	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/31/2015	<0.001	
1/25/2016	<0.001	
7/26/2016	<0.001	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00019 (J)	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/13/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/19/2021	<0.001	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/16/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
10/29/2011	<0.001	
12/14/2011	<0.001	
1/25/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2015	<0.001	
7/30/2015	<0.001	
1/22/2016	<0.001	
7/26/2016	<0.001	
1/20/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	0.00061 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/9/2020	<0.001	
3/18/2021	<0.001	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.001	
10/31/2011	<0.001	
2/7/2012	<0.001	
1/23/2013	<0.001	
1/23/2014	0.00034 (J)	
7/1/2014	0.0039 (O)	
1/21/2015	<0.001	
1/25/2016	<0.001	
7/27/2016	0.0023	
1/25/2017	0.00087	
8/4/2017	0.0005 (J)	
1/23/2018	0.00023 (J)	
6/27/2018	0.00016 (J)	
1/31/2019	0.00036 (J)	
6/26/2019	<0.001	
9/11/2019	0.0078 (O)	
1/14/2020	0.00081 (J)	
3/17/2020	0.00018 (J)	
9/11/2020	<0.001	
3/16/2021	0.00024 (J)	
8/25/2021	<0.001	
3/10/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/16/2023	0.00072 (J)	
2/21/2024		<0.001
8/2/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.001	
10/31/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/20/2015	<0.001	
7/30/2015	<0.001	
1/25/2016	<0.001	
7/22/2016	<0.001	
1/26/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/26/2018	<0.001	
1/30/2019	0.00019 (J)	
6/27/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/10/2022	<0.001	
2/15/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.001	
10/30/2011	<0.001	
12/12/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
1/20/2015	<0.001	
7/29/2015	<0.001	
1/25/2016	<0.001	
7/22/2016	<0.001	
1/25/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/26/2018	<0.001	
1/30/2019	0.00035 (J)	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/16/2020	<0.001	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/9/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.001	
10/27/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/24/2013	<0.001	
7/17/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/21/2015	<0.001	
1/21/2016	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/11/2016	<0.001	
1/19/2017	<0.001	
3/16/2017	<0.001	
4/28/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	6.6E-05 (J)	
6/24/2019	0.0002 (J)	
9/9/2019	0.00015 (J)	
3/10/2020	0.00029 (J)	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/16/2021	<0.001	
2/28/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/13/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/24/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
7/22/2015	<0.001	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/16/2016	<0.001	
11/10/2016	<0.001	
1/19/2017	<0.001	
3/17/2017	<0.001	
4/28/2017	<0.001	
8/2/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	0.00018 (J)	
9/10/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.001	
10/27/2011	<0.001	
12/14/2011	<0.001	
2/1/2012	<0.001	
7/23/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	0.0001 (J)	
7/21/2015	0.0001 (J)	
1/20/2016	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
9/14/2016	<0.001	
11/10/2016	<0.001	
1/17/2017	<0.001	
3/16/2017	<0.001	
4/27/2017	<0.001	
8/2/2017	<0.001	
1/22/2018	<0.001	
6/19/2018	<0.001	
1/17/2019	<0.001	
6/24/2019	<0.001	
9/10/2019	<0.001	
3/10/2020	<0.001	
9/9/2020	<0.001	
3/15/2021	<0.001	
8/18/2021	<0.001	
3/1/2022	<0.001	
8/9/2022	<0.001	
2/14/2023	<0.001	
8/9/2023	<0.001	
2/14/2024		<0.001
7/29/2024		<0.001
2/10/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/23/2012	<0.001	
7/24/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
7/24/2015	7E-05 (J)	
1/20/2016	6.7E-05 (J)	
3/28/2016	<0.001	
5/24/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	0.00012 (J)	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	0.00011 (J)	
1/30/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	0.00017 (J)	
3/16/2020	0.00015 (J)	
9/11/2020	0.00025 (J)	
3/17/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/20/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/1/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/26/2016	8.5E-05 (J)	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/22/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/25/2018	<0.001	
1/21/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	<0.001	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.001	
10/30/2011	<0.001	
12/5/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/7/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	9E-05 (J)	
1/26/2017	0.00012 (J)	
3/23/2017	<0.001	
5/3/2017	0.00016 (J)	
8/7/2017	0.0001 (J)	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/12/2020	0.00064 (J)	
9/14/2020	<0.001	
3/16/2021	<0.001	
8/20/2021	0.00028 (J)	
3/2/2022	<0.001	
8/11/2022	<0.001	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
7/30/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.001	
10/30/2011	<0.001	
12/4/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	<0.001	
6/24/2014	<0.001	
1/26/2016	7.3E-05 (J)	
3/29/2016	<0.001	
5/24/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	0.00026 (J)	
11/16/2016	0.00015 (J)	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.00044 (J)	
9/11/2020	0.00017 (J)	
3/16/2021	0.00017 (J)	
8/25/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	0.00026 (J)	
2/15/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/31/2024		0.00046 (J)
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/26/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.00067 (J)	
9/10/2020	<0.001	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/22/2016	<0.001	
9/15/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/26/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.00037 (J)	
9/10/2020	<0.001	
3/16/2021	<0.001	
8/19/2021	0.00032 (J)	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/15/2023	<0.001	
8/14/2023	<0.001	
2/20/2024		<0.001
8/6/2024		<0.001
2/17/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	<0.001	
7/1/2014	<0.001	
1/27/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/15/2016	<0.001	
11/17/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/12/2019	<0.001	
3/12/2020	<0.001	
9/10/2020	0.00022 (J)	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/8/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	<0.001	
8/16/2023	<0.001	
2/19/2024		<0.001
8/5/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
1/24/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/10/2013	<0.001	
1/21/2014	0.0002 (J)	
7/1/2014	0.0001 (J)	
1/14/2015	0.0002 (J)	
7/22/2015	0.0003 (JO)	
1/27/2016	0.000616 (J)	
3/30/2016	0.000411 (J)	
5/25/2016	0.000445 (J)	
7/26/2016	0.0013	
9/15/2016	0.00033 (J)	
11/17/2016	0.00041 (J)	
2/1/2017	0.00041 (J)	
3/23/2017	0.0004 (J)	
5/3/2017	0.00058	
8/7/2017	0.00046 (J)	
1/25/2018	0.00049 (J)	
6/20/2018	0.00038 (J)	
1/22/2019	0.00047 (J)	
6/25/2019	0.00046 (J)	
9/12/2019	0.00047 (J)	
3/17/2020	0.00055 (J)	
9/10/2020	0.00053 (J)	
3/17/2021	0.00043 (J)	
8/23/2021	0.00055 (J)	
3/7/2022	<0.001	
8/16/2022	0.00039 (J)	
2/17/2023	0.00044 (J)	
8/14/2023	0.00079 (J)	
2/19/2024		0.00058 (J)
8/6/2024		0.00047 (J)
2/17/2025		0.00055 (J)

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.001	
10/27/2011	<0.001	
12/3/2011	<0.001	
2/9/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/2/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/14/2015	<0.001	
7/22/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
5/3/2017	<0.001	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019	<0.001	
6/25/2019	<0.001	
9/17/2019	<0.001	
3/16/2020	0.00025 (J)	
9/10/2020	0.00034 (J)	
3/18/2021	<0.001	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/14/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.001	
10/26/2011	<0.001	
12/3/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	0.0001 (J)	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/24/2017	<0.001	
5/3/2017	<0.001	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	0.00033 (J)	
8/24/2021	<0.001	
3/8/2022	<0.001	
8/11/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/11/2012	<0.001	
1/8/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/27/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/25/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/21/2018	<0.001	
1/28/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00035 (J)	
8/24/2021	<0.001	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/9/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.001	
10/27/2011	<0.001	
12/4/2011	<0.001	
2/8/2012	<0.001	
7/17/2012	<0.001	
1/9/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/24/2014	<0.001	
1/13/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/30/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/2/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/7/2017	<0.001	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	0.00026 (J)	
3/18/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	0.00034 (J)	
8/19/2021	0.00052 (J)	
3/7/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/25/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/16/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
7/23/2015	<0.001	
1/26/2016	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
7/26/2016	<0.001	
9/20/2016	<0.001	
11/17/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/3/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00066 (J)	
9/10/2020	<0.001	
3/15/2021	0.00052 (J)	
8/19/2021	0.00025 (J)	
3/8/2022	<0.001	
8/17/2022	<0.001	
2/14/2023	<0.001	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.001	
10/29/2011	<0.001	
12/13/2011	<0.001	
1/31/2012	<0.001	
7/18/2012	<0.001	
1/22/2013	<0.001	
7/23/2013	<0.001	
1/22/2014	<0.001	
7/1/2014	<0.001	
1/21/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	<0.001	
11/18/2016	<0.001	
2/3/2017	<0.001	
3/28/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/25/2019	<0.001	
6/26/2019	<0.001	
9/12/2019	<0.001	
3/18/2020	0.00024 (J)	
9/10/2020	<0.001	
3/18/2021	0.00051 (J)	
8/23/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/19/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.001	
1/20/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/16/2016	<0.001	
11/18/2016	<0.001	
2/3/2017	<0.001	
3/29/2017	<0.001	
5/4/2017	<0.001	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	0.00023 (J)	
3/12/2020	<0.001	
9/15/2020	<0.001	
3/18/2021	0.00025 (J)	
8/19/2021	<0.001	
3/10/2022	<0.001	
8/18/2022	<0.001	
2/16/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/6/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	<0.001	
10/31/2011	<0.001	
12/14/2011	<0.001	
2/7/2012	<0.001	
7/17/2012	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/8/2014	<0.001	
1/21/2016	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
9/19/2016	<0.001	
11/15/2016	<0.001	
1/24/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019	<0.001	
6/25/2019	<0.001	
9/11/2019	0.00028 (J)	
3/12/2020	<0.001	
9/14/2020	<0.001	
3/17/2021	0.00015 (J)	
8/19/2021	<0.001	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/21/2023	<0.001	
8/15/2023	<0.001	
2/21/2024		<0.001
8/1/2024		<0.001
2/14/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.001	
10/29/2011	<0.001	
12/14/2011	<0.001	
1/25/2012	<0.001	
7/17/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	0.0001 (J)	
7/8/2014	0.0001 (J)	
1/22/2016	0.000193 (J)	
3/23/2016	<0.001	
5/24/2016	<0.001	
7/26/2016	0.00017 (J)	
9/19/2016	0.00016 (J)	
11/11/2016	<0.001	
1/20/2017	0.00016 (J)	
3/16/2017	0.00017 (J)	
4/28/2017	0.00018 (J)	
8/3/2017	0.00016 (J)	
1/19/2018	0.00016 (J)	
6/27/2018	0.00015 (J)	
1/24/2019	0.0002 (J)	
6/26/2019	0.00019 (J)	
9/12/2019	0.00021 (J)	
3/12/2020	0.0002 (J)	
9/9/2020	0.00017 (J)	
3/18/2021	0.00021 (J)	
8/23/2021	0.00018 (J)	
3/8/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/30/2024		<0.001
2/11/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.001	
10/28/2011	<0.001	
12/13/2011	<0.001	
2/8/2012	<0.001	
7/18/2012	<0.001	
1/24/2013	<0.001	
7/24/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/19/2016	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/21/2016	<0.001	
9/20/2016	<0.001	
11/14/2016	<0.001	
1/24/2017	<0.001	
3/17/2017	<0.001	
5/1/2017	<0.001	
8/4/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/30/2019	<0.001	
6/27/2019	<0.001	
9/10/2019	<0.001	
3/11/2020	<0.001	
9/10/2020	0.00021 (J)	
3/18/2021	<0.001	
8/23/2021	<0.001	
3/2/2022	<0.001	
8/10/2022	<0.001	
2/14/2023	<0.001	
8/16/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.001	
10/31/2011	<0.001	
2/7/2012	<0.001	
1/23/2013	<0.001	
1/23/2014	<0.001	
7/1/2014	<0.001	
1/25/2016	<0.001	
3/30/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
1/25/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
7/19/2017	<0.001	
8/4/2017	<0.001	
1/23/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	<0.001	
6/26/2019	<0.001	
9/11/2019	<0.001	
3/17/2020	0.00017 (J)	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/25/2021	<0.001	
3/10/2022	<0.001	
8/16/2022	<0.001	
2/22/2023	<0.001	
8/16/2023	<0.001	
2/21/2024		<0.001
8/2/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.001	
10/30/2011	<0.001	
12/12/2011	<0.001	
12/13/2011	<0.001	
2/1/2012	<0.001	
7/17/2012	<0.001	
1/23/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	0.0002 (J)	
1/25/2016	0.000227 (J)	
3/23/2016	<0.001	
5/24/2016	0.000242 (J)	
7/22/2016	0.00022 (J)	
9/16/2016	0.00021 (J)	
11/17/2016	0.00017 (J)	
1/25/2017	<0.001	
3/23/2017	0.00017 (J)	
5/1/2017	0.00018 (J)	
8/4/2017	0.00016 (J)	
1/23/2018	0.00012 (J)	
6/26/2018	0.00013 (J)	
1/30/2019	<0.001	
6/26/2019	0.0002 (J)	
9/12/2019	<0.001	
3/12/2020	0.00035 (J)	
9/16/2020	<0.001	
3/18/2021	<0.001	
8/24/2021	0.00032 (J)	
3/9/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/15/2023	<0.001	
2/20/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.001	
10/31/2011	<0.001	
12/12/2011	<0.001	
2/1/2012	<0.001	
7/16/2012	<0.001	
1/22/2013	<0.001	
7/17/2013	<0.001	
1/23/2014	<0.001	
6/25/2014	<0.001	
1/14/2015	<0.001	
1/21/2016	<0.001	
3/24/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	<0.001	
5/1/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/20/2018	<0.001	
1/28/2019	<0.001	
6/26/2019	0.00014 (J)	
9/11/2019	<0.001	
3/11/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	<0.001	
8/24/2021	<0.001	
3/2/2022	<0.001	
8/10/2022	<0.001	
2/20/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/5/2024		<0.001
2/13/2025		<0.001

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.001	
10/31/2011	<0.001	
12/12/2011	<0.001	
2/1/2012	<0.001	
7/16/2012	<0.001	
1/22/2013	<0.001	
7/2/2013	<0.001	
1/21/2014	<0.001	
6/25/2014	0.0001 (J)	
1/14/2015	<0.001	
1/21/2016	<0.001	
3/24/2016	<0.001	
5/23/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/15/2016	<0.001	
1/26/2017	<0.001	
3/22/2017	<0.001	
5/2/2017	<0.001	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/19/2018	<0.001	
1/21/2019	<0.001	
6/26/2019	0.00019 (J)	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/11/2020	0.0004 (J)	
3/16/2021	<0.001	
8/18/2021	<0.001	
3/2/2022	<0.001	
8/15/2022	<0.001	
2/20/2023	<0.001	
8/16/2023	<0.001	
2/22/2024		<0.001
8/5/2024		<0.001
2/18/2025		<0.001

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	<0.002	
10/27/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/17/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/21/2015	<0.002	
1/21/2016	<0.002	
7/21/2016	<0.002	
1/19/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/17/2019	0.0012	
6/24/2019	0.0028	
9/9/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	<0.002	
2/28/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	0.00074 (J)	
8/9/2023	<0.002	
2/13/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	<0.002	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/23/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	0.0012 (J)	
1/22/2015	0.0013 (J)	
7/22/2015	<0.002	
1/20/2016	<0.002	
7/26/2016	<0.002	
1/19/2017	<0.002	
8/2/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	0.0024 (J)	
1/17/2019	0.0016	
6/24/2019	0.0018	
9/10/2019	0.0011	
3/10/2020	<0.002	
9/10/2020	<0.002	
3/15/2021	<0.002	
8/18/2021	0.0011	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.002	
10/27/2011	<0.002	
12/14/2011	<0.002	
2/1/2012	<0.002	
7/23/2012	<0.002	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/15/2014	0.0016 (J)	
6/25/2014	0.00084 (J)	
1/14/2015	0.0014 (J)	
7/21/2015	<0.002	
1/20/2016	<0.002	
7/21/2016	0.0035	
1/17/2017	<0.002	
8/2/2017	<0.002	
1/22/2018	0.002 (J)	
6/19/2018	0.0019 (J)	
1/17/2019	0.0016	
6/24/2019	0.002	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/18/2021	0.0011	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	0.00074 (J)	
8/9/2023	<0.002	
2/14/2024		0.00067 (J)
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/25/2012	<0.002	
7/16/2012	<0.002	
1/24/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	0.00072 (J)	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/21/2015	<0.002	
1/22/2016	<0.002	
7/25/2016	<0.002	
1/17/2017	<0.002	
8/1/2017	<0.002	
1/19/2018	<0.002	
6/19/2018	<0.002	
1/21/2019	0.0012	
6/25/2019	0.0025	
9/10/2019	0.0012	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	<0.002	
8/16/2021	0.0011	
3/1/2022	<0.002	
8/9/2022	<0.002	
2/14/2023	<0.002	
8/9/2023	0.00084 (J)	
2/14/2024		<0.002
7/29/2024		<0.002
2/10/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	<0.002	
10/28/2011	<0.002	
12/12/2011	<0.002	
1/31/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/22/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002	
7/21/2016	<0.002	
1/17/2017	<0.002	
8/1/2017	0.0041	
1/19/2018	<0.002	
6/19/2018	0.0014 (J)	
1/18/2019	0.0015	
6/25/2019	0.0023	
9/10/2019	<0.002	
3/10/2020	<0.002	
9/9/2020	<0.002	
3/15/2021	0.0017	
8/18/2021	0.0012	
3/2/2022	<0.002	
8/9/2022	<0.002	
2/13/2023	<0.002	
8/8/2023	<0.002	
2/14/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.005	
10/27/2011	<0.005	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	<0.005	
1/9/2013	<0.005	
7/17/2013	<0.005	
1/15/2014	0.0042 (J)	
6/25/2014	0.0022 (J)	
1/13/2015	0.004 (J)	
7/24/2015	0.0021 (J)	
1/20/2016	0.0035 (J)	
7/21/2016	0.0032	
1/26/2017	0.0064	
6/8/2017	0.0046 (D)	
8/3/2017	0.0031	
1/23/2018	0.0062	
6/25/2018	0.0021 (J)	
1/30/2019	0.0031	
6/26/2019	0.0033	
9/12/2019	0.0031	
3/16/2020	0.0028	
9/9/2020	0.0025	
3/17/2021	0.0025	
8/19/2021	0.0026	
3/2/2022	0.003	
8/11/2022	0.0019	
2/20/2023	0.0029	
8/14/2023	0.0026	
2/14/2024		0.003
7/31/2024		0.0024
2/14/2025		0.0025

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/25/2012	<0.002	
7/24/2012	<0.002	
1/8/2013	<0.002	
7/9/2013	<0.002	
1/15/2014	0.002 (J)	
6/25/2014	<0.002	
1/20/2015	<0.002	
7/24/2015	<0.002	
1/20/2016	<0.002	
7/21/2016	0.0046	
1/26/2017	0.0064	
6/8/2017	0.00215 (JD)	
8/3/2017	<0.002	
1/23/2018	0.0038	
6/25/2018	<0.002	
1/30/2019	0.0015	
6/26/2019	0.0016	
9/12/2019	<0.002	
3/16/2020	<0.002	
9/11/2020	<0.002	
3/17/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/11/2022	<0.002	
2/20/2023	<0.002	
8/14/2023	<0.002	
2/14/2024		<0.002
8/1/2024		<0.002
2/18/2025		0.0015 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.0025	
10/30/2011	<0.0025	
12/5/2011	<0.0025	
1/25/2012	<0.0025	
7/18/2012	<0.0025	
1/7/2013	<0.0025	
7/9/2013	<0.0025	
1/14/2014	<0.0025	
6/24/2014	0.00087 (J)	
1/20/2015	0.00094 (J)	
7/27/2015	<0.0025	
1/26/2016	0.0011 (J)	
7/22/2016	0.0031	
1/26/2017	0.0057	
6/8/2017	0.00225 (JD)	
8/4/2017	<0.0025	
1/23/2018	0.0042	
6/25/2018	0.0035	
1/21/2019	0.003	
6/25/2019	0.0035	
9/10/2019	0.0024	
3/12/2020	0.0019	
9/14/2020	0.0017	
3/16/2021	0.0025	
8/19/2021	0.002	
3/2/2022	0.0031	
8/11/2022	0.0023	
2/21/2023	0.0029	
8/9/2023	0.0033	
2/21/2024		0.0029
8/1/2024		0.0032
2/13/2025		0.0031

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	<0.002	
10/30/2011	<0.002	
12/5/2011	<0.002	
1/19/2012	<0.002	
7/18/2012	<0.002	
1/7/2013	<0.002	
7/9/2013	<0.002	
1/14/2014	<0.002	
6/24/2014	0.0014 (J)	
1/20/2015	0.0013 (J)	
7/27/2015	<0.002	
1/26/2016	<0.002	
7/26/2016	<0.002	
1/26/2017	0.0038	
6/8/2017	0.004 (D)	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/21/2018	0.0015 (J)	
1/22/2019	0.0015	
6/25/2019	0.0026	
9/10/2019	0.0014	
3/12/2020	<0.002	
9/14/2020	<0.002	
3/16/2021	0.0014	
8/20/2021	0.0012	
3/2/2022	0.0013	
8/11/2022	<0.002	
2/15/2023	0.00096 (J)	
8/9/2023	0.00063 (J)	
2/21/2024		0.00079 (J)
7/30/2024		0.00071 (J)
2/13/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	<0.001	
10/30/2011	<0.001	
12/4/2011	<0.001	
1/19/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/14/2014	0.0022 (J)	
6/24/2014	0.0022 (J)	
1/20/2015	0.0025 (J)	
7/27/2015	0.0024 (J)	
1/26/2016	<0.001	
7/25/2016	<0.001	
1/31/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	<0.001	
1/22/2019	0.0014	
6/25/2019	0.002	
9/16/2019	0.0014	
3/16/2020	<0.001	
9/11/2020	<0.001	
3/16/2021	0.0011	
8/25/2021	<0.001	
3/9/2022	<0.001	
8/16/2022	0.0015	
2/15/2023	0.0009 (J)	
8/9/2023	0.00064 (J)	
2/19/2024		0.0007 (J)
7/31/2024		0.0012 (J)
2/18/2025		0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
7/27/2016	0.0055	
2/1/2017	0.0032	
6/9/2017	<0.002	
8/8/2017	<0.002	
1/25/2018	0.003	
6/21/2018	0.0018 (J)	
1/31/2019	0.0015	
6/26/2019	0.0014	
9/17/2019	<0.002	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/20/2021	<0.002	
3/8/2022	<0.002	
8/16/2022	0.0012	
2/15/2023	<0.002	
8/10/2023	<0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		0.0027

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	0.0064	
10/28/2011	<0.0025	
12/4/2011	<0.0025	
2/9/2012	<0.0025	
7/18/2012	0.0062	
1/8/2013	<0.0025	
7/9/2013	0.0053	
1/15/2014	0.0064	
6/25/2014	0.0064	
1/21/2015	0.0059	
7/28/2015	0.0054	
1/26/2016	0.0019 (J)	
7/25/2016	<0.0025	
1/31/2017	0.0029	
8/7/2017	0.0024 (J)	
1/24/2018	<0.0025	
6/20/2018	0.003	
1/24/2019	0.0032	
6/26/2019	0.0035	
9/16/2019	0.0035	
3/16/2020	0.0027	
9/10/2020	0.0028	
3/17/2021	0.0029	
8/23/2021	0.0025	
3/7/2022	0.0025	
8/15/2022	0.0023	
2/21/2023	0.0023	
8/14/2023	0.0019 (J)	
2/14/2024		0.0026
8/6/2024		0.0018 (J)
2/18/2025		0.0026

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/26/2016	<0.002	
7/22/2016	<0.002	
1/31/2017	<0.002	
8/7/2017	<0.002	
1/24/2018	<0.002	
6/26/2018	<0.002	
1/25/2019	<0.002	
6/26/2019	0.0013	
9/11/2019	0.0011	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/15/2023	<0.002	
8/14/2023	<0.002	
2/20/2024		0.00063 (J)
8/6/2024		<0.002
2/17/2025		0.00082 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.002	
10/28/2011	<0.002	
12/4/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/21/2015	<0.002	
7/28/2015	<0.002	
1/27/2016	<0.002	
7/26/2016	<0.002	
1/31/2017	0.0015 (J)	
8/4/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	<0.002	
1/22/2019	0.0015	
6/25/2019	0.0021	
9/12/2019	0.0015	
3/12/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/8/2022	<0.002	
8/15/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/19/2024		0.00069 (J)
8/5/2024		<0.002
2/18/2025		0.0023

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
1/24/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/10/2013	<0.002	
1/21/2014	<0.002	
7/1/2014	<0.002	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
7/26/2016	<0.002	
2/1/2017	0.002 (J)	
6/8/2017	<0.002	
8/7/2017	<0.002	
1/25/2018	<0.002	
6/20/2018	0.0016 (J)	
1/22/2019	<0.002	
6/25/2019	0.0014	
9/12/2019	0.0012	
3/17/2020	<0.002	
9/10/2020	<0.002	
3/17/2021	<0.002	
8/23/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/17/2023	<0.002	
8/14/2023	<0.002	
2/19/2024		<0.002
8/6/2024		<0.002
2/17/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
2/9/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/14/2015	<0.002	
7/22/2015	<0.002	
1/27/2016	<0.002	
7/26/2016	0.002 (J)	
2/1/2017	0.0016 (J)	
6/8/2017	0.0023 (JD)	
8/4/2017	<0.002	
1/25/2018	0.003	
6/20/2018	<0.002	
1/22/2019	0.0012	
6/25/2019	0.0019	
9/17/2019	0.0013	
3/16/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	0.0012	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/14/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/18/2025		0.0026

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	0.0028	
10/26/2011	<0.005	
12/3/2011	<0.005	
1/25/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/2/2013	<0.005	
1/14/2014	0.0036 (J)	
6/25/2014	0.0033 (J)	
1/13/2015	0.0037 (J)	
7/22/2015	0.0031 (J)	
1/27/2016	0.0035 (J)	
7/27/2016	0.0038	
2/1/2017	0.0067	
6/8/2017	0.0036 (D)	
8/7/2017	0.005	
1/25/2018	0.0058	
6/20/2018	0.0039	
1/25/2019	0.0052	
6/25/2019	0.0056	
9/11/2019	0.0048	
3/17/2020	0.0044	
9/11/2020	0.0039	
3/17/2021	0.004	
8/20/2021	0.0047	
3/8/2022	0.0039	
8/16/2022	0.0043	
2/20/2023	0.004	
8/14/2023	0.0044	
2/21/2024		0.0038
8/5/2024		0.0031
2/11/2025		0.0059

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.002	
10/26/2011	<0.002	
10/27/2011	<0.002	
12/3/2011	<0.002	
1/25/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/14/2014	0.0019 (J)	
6/25/2014	0.001 (J)	
1/14/2015	0.0014 (J)	
7/28/2015	0.0027 (J)	
1/27/2016	0.0018 (J)	
7/27/2016	0.0035	
2/1/2017	0.0044	
6/8/2017	0.00315 (D)	
8/7/2017	<0.002	
1/25/2018	0.0042	
6/26/2018	0.0023 (J)	
1/24/2019	0.0027	
6/25/2019	0.005	
9/11/2019	0.0023	
3/17/2020	0.0024	
9/14/2020	0.0017	
3/16/2021	0.0023	
8/20/2021	0.0032	
3/8/2022	0.0019	
5/4/2022	0.0031	
8/11/2022	0.002	
2/20/2023	0.0021	
8/10/2023	0.0024	
2/20/2024		<0.002
8/7/2024		0.0021
2/13/2025		0.0015 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.0025	
10/26/2011	<0.0025	
12/3/2011	<0.0025	
2/9/2012	<0.0025	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/16/2013	<0.0025	
1/14/2014	0.0022 (J)	
6/24/2014	<0.0025	
1/13/2015	0.00084 (J)	
7/23/2015	<0.0025	
1/27/2016	0.00096 (J)	
7/25/2016	<0.0025	
2/1/2017	0.0036	
6/8/2017	0.0017 (JD)	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
1/28/2019	0.0015	
6/27/2019	0.0031	
9/11/2019	0.0017	
3/17/2020	0.0015	
9/14/2020	0.0018	
3/16/2021	0.0017	
8/24/2021	0.0019	
3/8/2022	0.0014	
8/11/2022	0.0011	
2/20/2023	0.0011 (J)	
8/9/2023	0.0015 (J)	
2/21/2024		0.00092 (J)
8/7/2024		0.00069 (J)
2/13/2025		0.00098 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	<0.002	
10/26/2011	<0.002	
12/3/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	0.0016 (J)	
1/27/2016	<0.002	
7/25/2016	0.0015 (J)	
2/2/2017	0.0015 (J)	
8/7/2017	0.0016 (J)	
1/25/2018	0.0021 (J)	
6/21/2018	<0.002	
1/28/2019	<0.002	
6/26/2019	0.0023	
9/12/2019	0.0015	
3/18/2020	0.0011	
9/15/2020	0.0012	
3/17/2021	0.001	
8/24/2021	0.0016	
3/8/2022	0.0011	
5/4/2022	<0.002	
8/11/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/21/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	0.0035	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/11/2012	<0.002	
1/8/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	0.00089 (J)	
1/13/2015	0.0013 (J)	
7/23/2015	0.0027 (J)	
1/27/2016	0.0012 (J)	
7/25/2016	0.0018 (J)	
2/2/2017	0.0031	
8/7/2017	0.0041	
1/26/2018	0.0044	
6/21/2018	0.0017 (J)	
1/28/2019	0.0019	
6/25/2019	0.0038	
9/11/2019	0.0027	
3/18/2020	0.0016	
9/15/2020	0.0021	
3/16/2021	0.0019	
8/24/2021	0.0018	
3/7/2022	0.0017	
8/16/2022	0.0026	
2/22/2023	0.0014 (J)	
8/9/2023	0.0015 (J)	
2/20/2024		0.0013 (J)
8/2/2024		0.0019 (J)
2/14/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	<0.002	
10/27/2011	<0.002	
12/4/2011	<0.002	
2/8/2012	<0.002	
7/17/2012	<0.002	
1/9/2013	<0.002	
7/16/2013	<0.002	
1/21/2014	<0.002	
6/24/2014	<0.002	
1/13/2015	<0.002	
7/23/2015	<0.002	
1/26/2016	<0.002	
7/26/2016	<0.002	
2/2/2017	0.0028	
8/7/2017	0.0014 (J)	
1/26/2018	<0.002	
6/20/2018	<0.002	
1/24/2019	<0.002	
6/25/2019	0.0021	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/16/2021	<0.002	
8/19/2021	<0.002	
3/7/2022	<0.002	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
2/19/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	0.005	
10/29/2011	<0.01	
12/13/2011	<0.01	
1/25/2012	<0.01	
7/18/2012	0.0074	
1/22/2013	0.0071	
7/16/2013	0.0075	
1/21/2014	0.0061	
6/25/2014	0.007	
1/14/2015	0.0063	
7/23/2015	0.0066	
1/26/2016	0.0058	
7/26/2016	0.0056	
2/3/2017	0.0082	
8/8/2017	0.0058	
1/25/2018	0.0063	
6/20/2018	0.006	
1/24/2019	0.0065	
6/25/2019	0.0092	
9/10/2019	0.0082	
3/18/2020	0.0069	
9/10/2020	0.0061	
3/15/2021	0.0068	
8/19/2021	0.0063	
3/8/2022	0.009	
5/4/2022	0.0082	
8/17/2022	0.0067	
2/14/2023	0.005	
8/14/2023	0.0061	
2/14/2024		0.0067
8/6/2024		0.0059
2/11/2025		0.0065

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	<0.002	
10/29/2011	<0.002	
12/13/2011	<0.002	
1/31/2012	<0.002	
7/18/2012	<0.002	
1/22/2013	<0.002	
7/23/2013	<0.002	
1/22/2014	<0.002	
7/1/2014	<0.002	
1/22/2015	<0.002	
7/29/2015	0.0011 (J)	
1/21/2016	<0.002	
7/27/2016	<0.002	
2/3/2017	0.0016 (J)	
8/8/2017	<0.002	
1/25/2018	0.0014 (J)	
6/20/2018	<0.002	
1/25/2019	0.0012	
6/26/2019	0.0019	
9/12/2019	0.001	
3/18/2020	<0.002	
9/10/2020	<0.002	
3/18/2021	0.001	
8/23/2021	<0.002	
3/9/2022	0.00093 (J)	
8/16/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/19/2024		0.00072 (J)
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.002	
7/31/2015	<0.002	
1/20/2016	<0.002	
7/27/2016	<0.002	
2/3/2017	0.0015 (J)	
8/8/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/31/2019	0.0015	
6/26/2019	0.0014	
9/11/2019	<0.002	
3/12/2020	<0.002	
9/15/2020	<0.002	
3/18/2021	<0.002	
8/19/2021	<0.002	
3/10/2022	<0.002	
8/18/2022	0.00094 (J)	
2/16/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/6/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.0074 (O)	
10/31/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
7/24/2013	<0.002	
1/23/2014	0.00082 (J)	
7/8/2014	<0.002	
1/21/2015	0.0013 (J)	
7/30/2015	0.0018 (J)	
1/21/2016	0.0017 (J)	
7/27/2016	<0.002	
1/24/2017	0.0077 (O)	
8/3/2017	<0.002	
1/25/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0018	
6/25/2019	0.0019	
9/11/2019	0.0013	
3/12/2020	0.0011	
9/14/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/8/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/15/2023	<0.002	
2/21/2024		<0.002
8/1/2024		<0.002
2/14/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
2/7/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/31/2015	<0.002	
1/25/2016	<0.002	
7/26/2016	<0.002	
1/19/2017	<0.002	
8/3/2017	<0.002	
1/22/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	0.0013	
6/25/2019	0.0024	
9/12/2019	0.0014	
3/13/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	<0.002	
8/19/2021	<0.002	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/21/2023	<0.002	
8/16/2023	<0.002	
2/20/2024		<0.002
8/2/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.002	
10/29/2011	<0.002	
12/14/2011	<0.002	
1/25/2012	<0.002	
7/17/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/8/2014	<0.002	
1/21/2015	<0.002	
7/30/2015	<0.002	
1/22/2016	<0.002	
7/26/2016	<0.002	
1/20/2017	<0.002	
8/3/2017	<0.002	
1/19/2018	<0.002	
6/27/2018	<0.002	
1/24/2019	<0.002	
6/26/2019	0.0011	
9/12/2019	<0.002	
3/12/2020	<0.002	
9/9/2020	<0.002	
3/18/2021	<0.002	
8/23/2021	<0.002	
3/8/2022	0.00085 (J)	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/30/2024		<0.002
2/11/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.002	
10/28/2011	<0.002	
12/13/2011	<0.002	
2/8/2012	<0.002	
7/18/2012	<0.002	
1/24/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/19/2016	0.001 (J)	
7/21/2016	<0.002	
1/24/2017	0.0059 (O)	
6/7/2017	0.00235 (JD)	
8/4/2017	0.0018 (J)	
1/24/2018	<0.002	
6/21/2018	0.0031	
1/30/2019	0.0021	
6/27/2019	0.0029	
9/10/2019	0.0018	
3/11/2020	0.00099 (J)	
9/10/2020	0.0012	
3/18/2021	0.0014	
8/23/2021	0.0015	
3/2/2022	0.0013	
8/10/2022	<0.002	
2/14/2023	0.00085 (J)	
8/16/2023	0.00074 (J)	
2/21/2024		0.0011 (J)
8/5/2024		<0.002
2/13/2025		0.00084 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.002	
10/31/2011	<0.002	
2/7/2012	<0.002	
1/23/2013	<0.002	
1/23/2014	0.00068 (J)	
7/1/2014	<0.002	
1/21/2015	<0.002	
1/25/2016	<0.002	
7/27/2016	<0.002	
1/25/2017	0.0043	
6/8/2017	0.00195 (JD)	
8/4/2017	<0.002	
1/23/2018	0.0023 (J)	
6/27/2018	<0.002	
1/31/2019	0.0014	
6/26/2019	0.0015	
9/11/2019	0.0025	
3/17/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/25/2021	0.001	
3/10/2022	0.0012	
5/4/2022	0.00084 (J)	
8/16/2022	0.0014	
2/22/2023	<0.002	
8/16/2023	0.0015 (J)	
2/21/2024		0.00064 (J)
8/2/2024		<0.002
2/18/2025		0.0014 (J)

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	<0.002	
10/31/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/24/2013	<0.002	
1/23/2014	<0.002	
7/1/2014	<0.002	
1/20/2015	<0.002	
7/30/2015	<0.002	
1/25/2016	<0.002	
7/22/2016	<0.002	
1/26/2017	0.0016 (J)	
6/8/2017	<0.002 (D)	
8/3/2017	<0.002	
1/23/2018	0.003	
6/26/2018	<0.002	
1/30/2019	0.0012	
6/27/2019	0.0021	
9/12/2019	0.0012	
3/18/2020	<0.002	
9/15/2020	<0.002	
3/17/2021	0.0011	
8/24/2021	0.0011	
3/9/2022	<0.002	
8/10/2022	<0.002	
2/15/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
8/6/2024		<0.002
2/19/2025		0.0037

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	<0.002	
10/30/2011	<0.002	
12/12/2011	<0.002	
12/13/2011	<0.002	
2/1/2012	<0.002	
7/17/2012	<0.002	
1/23/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
1/20/2015	<0.002	
7/29/2015	<0.002	
1/25/2016	<0.002	
7/22/2016	<0.002	
1/25/2017	0.0052	
6/9/2017	<0.002	
8/4/2017	<0.002	
1/23/2018	0.003	
6/26/2018	<0.002	
1/30/2019	0.0014	
6/26/2019	0.0017	
9/12/2019	0.0014	
3/12/2020	<0.002	
9/16/2020	<0.002	
3/18/2021	<0.002	
8/24/2021	<0.002	
3/9/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/15/2023	<0.002	
2/20/2024		<0.002
7/31/2024		<0.002
2/19/2025		0.0031

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/17/2013	<0.002	
1/23/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/29/2015	<0.002	
1/21/2016	<0.002	
7/21/2016	0.0041	
1/25/2017	0.0055	
6/8/2017	0.00195 (JD)	
8/3/2017	<0.002	
1/23/2018	<0.002	
6/20/2018	<0.002	
1/28/2019	<0.002	
6/26/2019	0.002	
9/11/2019	<0.002	
3/11/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/24/2021	<0.002	
3/2/2022	<0.002	
8/10/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/5/2024		<0.002
2/13/2025		<0.002

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	<0.002	
10/31/2011	<0.002	
12/12/2011	<0.002	
2/1/2012	<0.002	
7/16/2012	<0.002	
1/22/2013	<0.002	
7/2/2013	<0.002	
1/21/2014	<0.002	
6/25/2014	<0.002	
1/14/2015	<0.002	
7/28/2015	<0.002	
1/21/2016	<0.002	
7/21/2016	<0.002	
1/26/2017	0.0026	
6/8/2017	<0.002 (D)	
8/3/2017	<0.002	
1/23/2018	0.0022 (J)	
6/19/2018	0.0019 (J)	
1/21/2019	0.0011	
6/26/2019	0.0015	
9/12/2019	<0.002	
3/11/2020	<0.002	
9/11/2020	<0.002	
3/16/2021	<0.002	
8/18/2021	<0.002	
3/2/2022	<0.002	
8/15/2022	<0.002	
2/20/2023	<0.002	
8/16/2023	<0.002	
2/22/2024		<0.002
8/5/2024		<0.002
2/18/2025		0.0021

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
9/16/2011	0.0071	
10/27/2011	0.0062	
12/13/2011	0.0065	
1/31/2012	0.0047	
7/18/2012	0.0044	
1/24/2013	0.0058	
7/17/2013	0.0028	
1/21/2014	0.0037	
6/25/2014	0.0026	
1/14/2015	0.003	
7/21/2015	0.0033	
1/21/2016	0.0043	
7/21/2016	0.01 (J)	
1/19/2017	0.0077 (J)	
8/3/2017	<0.005	
1/19/2018	<0.005	
6/19/2018	0.0068 (J)	
1/17/2019	0.0037 (J)	
6/24/2019	0.0048 (J)	
9/9/2019	0.0064	
3/10/2020	0.0036 (J)	
9/9/2020	0.078	
3/15/2021	<0.005	
8/16/2021	<0.005	
2/28/2022	0.0032 (J)	
8/9/2022	0.0066	
2/14/2023	0.0048 (J)	
8/9/2023	<0.005	
2/13/2024		0.0041 (J)
7/30/2024		0.0036 (J)
2/11/2025		0.0034 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
9/17/2011	0.0061	
10/27/2011	0.0059	
12/14/2011	0.0077	
2/7/2012	0.0053	
7/23/2012	0.0043	
1/23/2013	0.0054	
7/24/2013	0.004	
1/22/2014	0.0056	
7/1/2014	0.004	
1/22/2015	0.0051	
7/22/2015	0.0033	
1/20/2016	0.0029	
7/26/2016	<0.005	
1/19/2017	<0.005	
8/2/2017	<0.005	
1/19/2018	<0.005	
6/19/2018	<0.005	
1/17/2019	0.0024 (J)	
6/24/2019	0.0046 (J)	
9/10/2019	0.0064	
3/10/2020	<0.005	
9/10/2020	<0.005	
3/15/2021	<0.005	
8/18/2021	0.0046 (J)	
3/1/2022	<0.005	
8/9/2022	0.0069	
2/14/2023	<0.005	
8/9/2023	<0.005	
2/14/2024		0.0031 (J)
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
8/31/2011	<0.005	
10/27/2011	<0.005	
12/14/2011	<0.005	
2/1/2012	<0.005	
7/23/2012	0.0037	
1/23/2013	<0.005	
7/17/2013	<0.005	
1/15/2014	0.00085 (J)	
6/25/2014	0.0014 (J)	
1/14/2015	0.0082	
7/21/2015	0.0015 (J)	
1/20/2016	0.0093	
7/21/2016	<0.005	
1/17/2017	0.014 (J)	
8/2/2017	<0.005	
1/22/2018	<0.005	
6/19/2018	<0.005	
1/17/2019	<0.005	
6/24/2019	0.0036 (J)	
9/10/2019	0.006	
3/10/2020	0.052	
9/9/2020	<0.005	
3/15/2021	0.044	
8/18/2021	0.0034 (J)	
3/1/2022	<0.005	
8/9/2022	<0.005	
2/14/2023	0.0029 (J)	
8/9/2023	<0.005	
2/14/2024		<0.005
7/29/2024		<0.005
2/10/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
9/16/2011	0.003	
10/28/2011	0.0073	
12/12/2011	0.0053	
1/25/2012	0.0046	
7/16/2012	0.0034	
1/24/2013	0.0049	
7/23/2013	0.0026	
1/22/2014	0.0052	
7/1/2014	0.0042	
1/21/2015	0.0038	
7/21/2015	0.0042	
1/22/2016	0.0041	
7/25/2016	<0.02	
1/17/2017	<0.02	
8/1/2017	<0.02	
1/19/2018	<0.02	
6/19/2018	<0.02	
1/21/2019	0.0065	
6/25/2019	0.011	
9/10/2019	0.01	
3/10/2020	0.017	
9/9/2020	0.063	
3/15/2021	0.0057	
8/16/2021	0.0061	
3/1/2022	0.0057	
8/9/2022	0.0089	
2/14/2023	0.014	
8/9/2023	0.011	
2/14/2024		0.0059
7/29/2024		0.01
2/10/2025		0.0053

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
9/17/2011	0.026	
10/28/2011	0.019	
12/12/2011	0.02	
1/31/2012	0.036	
7/17/2012	0.015	
1/24/2013	0.048	
7/24/2013	0.048	
1/22/2014	0.044	
7/8/2014	0.04	
1/21/2015	0.037	
7/22/2015	0.031	
1/19/2016	0.035	
7/21/2016	0.038	
1/17/2017	0.024	
8/1/2017	0.028	
1/19/2018	0.024	
6/19/2018	0.028	
1/18/2019	0.022	
6/25/2019	0.041	
9/10/2019	0.031	
3/10/2020	0.034	
9/9/2020	0.025	
3/15/2021	0.024	
8/18/2021	0.024	
3/2/2022	0.024	
8/9/2022	0.032	
2/13/2023	0.025	
8/8/2023	0.023	
2/14/2024		0.02
7/30/2024		0.019
2/11/2025		0.021

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
8/31/2011	<0.005	
10/27/2011	0.0025	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	<0.005	
1/9/2013	<0.005	
7/17/2013	0.0043	
1/15/2014	0.0023 (J)	
6/25/2014	0.0022 (J)	
1/13/2015	0.0027	
7/24/2015	0.002 (J)	
1/20/2016	0.0022 (J)	
7/21/2016	<0.005	
1/26/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/25/2018	<0.005	
1/30/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	0.0067	
3/16/2020	0.0033 (J)	
9/9/2020	<0.005	
3/17/2021	<0.005	
8/19/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	0.0053	
2/20/2023	0.0033 (J)	
8/14/2023	0.005	
2/14/2024		0.0031 (J)
7/31/2024		0.003 (J)
2/14/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.0037	
10/30/2011	0.0043	
12/5/2011	0.0047	
1/25/2012	<0.005	
7/24/2012	<0.005	
1/8/2013	<0.005	
7/9/2013	<0.005	
1/15/2014	0.0034	
6/25/2014	0.002 (J)	
1/20/2015	<0.005	
7/24/2015	0.0017 (J)	
1/20/2016	0.0018 (J)	
7/21/2016	<0.005	
1/26/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/25/2018	<0.005	
1/30/2019	<0.005	
6/26/2019	0.0033 (J)	
9/12/2019	0.049 (O)	
3/16/2020	0.0032 (J)	
9/11/2020	0.0071	
3/17/2021	<0.005	
8/18/2021	0.0034 (J)	
3/2/2022	<0.005	
8/11/2022	0.0051	
2/20/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
8/1/2024		<0.005
2/18/2025		0.0032 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:56 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
9/7/2011	<0.005	
10/30/2011	<0.005	
12/5/2011	<0.005	
1/25/2012	<0.005	
7/18/2012	0.0035	
1/7/2013	0.0033	
7/9/2013	0.0035	
1/14/2014	0.0022 (J)	
6/24/2014	0.01	
1/20/2015	0.0018 (J)	
7/27/2015	<0.005	
1/26/2016	0.0016 (J)	
7/22/2016	<0.005	
1/26/2017	<0.005	
8/4/2017	<0.005	
1/23/2018	<0.005	
6/25/2018	<0.005	
1/21/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	0.0063	
3/12/2020	0.038 (O)	
9/14/2020	0.0041 (J)	
3/16/2021	<0.005	
8/19/2021	<0.005	
3/2/2022	<0.005	
8/11/2022	0.0038 (J)	
2/21/2023	<0.005	
8/9/2023	<0.005	
2/21/2024		<0.005
8/1/2024		0.0031 (J)
2/13/2025		0.0028 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
9/7/2011	0.0029	
10/30/2011	<0.005	
12/5/2011	0.004	
1/19/2012	0.0029	
7/18/2012	0.006	
1/7/2013	<0.005	
7/9/2013	<0.005	
1/14/2014	0.002 (J)	
6/24/2014	0.0011 (J)	
1/20/2015	0.0018 (J)	
7/27/2015	0.0015 (J)	
1/26/2016	<0.005	
7/26/2016	<0.005	
1/26/2017	<0.005	
8/7/2017	0.0086 (J)	
1/24/2018	<0.005	
6/21/2018	<0.005	
1/22/2019	<0.005	
6/25/2019	0.0043 (J)	
9/10/2019	0.0051	
3/12/2020	0.044 (O)	
9/14/2020	0.0079	
3/16/2021	0.0045 (J)	
8/20/2021	0.0046 (J)	
3/2/2022	0.0037 (J)	
8/11/2022	0.012	
2/15/2023	0.0029 (J)	
8/9/2023	<0.005	
2/21/2024		<0.005
7/30/2024		0.0033 (J)
2/13/2025		0.0033 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.016	
10/30/2011	0.004	
12/4/2011	0.0086	
1/19/2012	0.0081	
7/18/2012	0.0058	
1/8/2013	0.0034	
7/9/2013	<0.005	
1/14/2014	0.003	
6/24/2014	0.0016 (J)	
1/20/2015	0.0021 (J)	
7/27/2015	<0.005	
1/26/2016	<0.005	
7/25/2016	<0.005	
1/31/2017	<0.005	
8/7/2017	<0.005	
1/24/2018	<0.005	
6/21/2018	<0.005	
1/22/2019	<0.005	
6/25/2019	0.005	
9/16/2019	0.0049 (J)	
3/16/2020	0.0094	
9/11/2020	0.0055	
3/16/2021	0.0048 (J)	
8/25/2021	<0.005	
3/9/2022	0.003 (J)	
8/16/2022	0.096 (O)	
10/12/2022	0.043 (O)	
2/15/2023	0.015	
8/9/2023	0.015	
2/19/2024		0.019
7/31/2024		0.037
2/18/2025		0.016

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0027	
7/27/2016	<0.005	
2/1/2017	<0.005	
8/8/2017	<0.005	
1/25/2018	<0.005	
6/21/2018	<0.005	
1/31/2019	0.0039 (J)	
6/26/2019	0.0044 (J)	
9/17/2019	0.013	
3/17/2020	0.0044 (J)	
9/10/2020	0.13 (O)	
12/2/2020	0.011	
3/18/2021	0.004 (J)	
8/20/2021	<0.005	
3/8/2022	<0.005	
8/16/2022	<0.005	
2/15/2023	0.0047 (J)	
8/10/2023	0.0058	
2/20/2024		0.0042 (J)
7/31/2024		0.0044 (J)
2/19/2025		0.0066

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	0.0025	
2/9/2012	<0.005	
7/18/2012	0.008	
1/8/2013	<0.005	
7/9/2013	<0.005	
1/15/2014	0.00052 (J)	
6/25/2014	0.00089 (J)	
1/21/2015	<0.005	
7/28/2015	0.0021 (J)	
1/26/2016	<0.005	
7/25/2016	<0.005	
1/31/2017	<0.005	
8/7/2017	<0.005	
1/24/2018	<0.005	
6/20/2018	<0.005	
1/24/2019	<0.005	
6/26/2019	<0.005	
9/16/2019	0.005	
3/16/2020	<0.005	
9/10/2020	0.017	
3/17/2021	<0.005	
8/23/2021	<0.005	
3/7/2022	<0.005	
8/15/2022	<0.005	
2/21/2023	<0.005	
8/14/2023	<0.005	
2/14/2024		<0.005
8/6/2024		0.022
2/18/2025		0.038

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	0.0027	
1/24/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/10/2013	<0.005	
1/21/2014	0.0019 (J)	
7/1/2014	0.0087	
1/21/2015	<0.005	
7/28/2015	<0.005	
1/26/2016	<0.005	
7/22/2016	0.033	
1/31/2017	<0.005	
8/7/2017	<0.005	
1/24/2018	<0.005	
6/26/2018	<0.005	
1/25/2019	<0.005	
6/26/2019	<0.005	
9/11/2019	0.0056	
3/18/2020	<0.005	
9/10/2020	<0.005	
3/16/2021	<0.005	
8/19/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	<0.005	
2/15/2023	<0.005	
8/14/2023	<0.005	
2/20/2024		<0.005
8/6/2024		0.013
2/17/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
9/13/2011	<0.005	
10/28/2011	<0.005	
12/4/2011	0.0028	
1/24/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/10/2013	<0.005	
1/21/2014	0.0026	
7/1/2014	0.0014 (J)	
1/21/2015	0.0018 (J)	
7/28/2015	<0.005	
1/27/2016	<0.005	
7/26/2016	<0.005	
1/31/2017	<0.005	
8/4/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/12/2019	0.0085	
3/12/2020	<0.005	
9/10/2020	0.0036 (J)	
3/17/2021	0.0039 (J)	
8/23/2021	<0.005	
3/8/2022	<0.005	
8/15/2022	0.0033 (J)	
2/21/2023	<0.005	
8/16/2023	<0.005	
2/19/2024		0.0056
8/5/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
9/13/2011	0.0039	
10/27/2011	0.0046	
12/3/2011	0.0028	
1/24/2012	0.0033	
7/11/2012	<0.0025	
1/8/2013	<0.0025	
7/10/2013	<0.0025	
1/21/2014	0.0036	
7/1/2014	0.0018 (J)	
1/14/2015	0.0035	
7/22/2015	0.005	
1/27/2016	0.0094	
7/26/2016	0.0072 (J)	
2/1/2017	0.0084 (J)	
8/7/2017	0.012 (J)	
1/25/2018	0.0095 (J)	
6/20/2018	0.012 (J)	
1/22/2019	0.0094	
6/25/2019	0.014	
9/12/2019	0.019	
3/17/2020	0.014	
9/10/2020	0.014	
3/17/2021	0.014	
8/23/2021	0.017	
3/7/2022	0.014	
5/3/2022	0.04	
8/16/2022	0.014	
2/17/2023	0.015	
8/14/2023	0.017	
2/19/2024		0.018
8/6/2024		0.015
2/17/2025		0.018

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
9/16/2011	<0.005	
10/27/2011	<0.005	
12/3/2011	<0.005	
2/9/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/2/2013	<0.005	
1/21/2014	0.0017 (J)	
6/24/2014	<0.005	
1/14/2015	0.0013 (J)	
7/22/2015	<0.005	
1/27/2016	<0.005	
7/26/2016	<0.005	
2/1/2017	<0.005	
8/4/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/22/2019	<0.005	
6/25/2019	<0.005	
9/17/2019	0.0041 (J)	
3/16/2020	<0.005	
9/10/2020	<0.005	
3/18/2021	<0.005	
8/24/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	<0.005	
2/21/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/18/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
8/30/2011	0.0081	
10/26/2011	0.0035	
12/3/2011	0.0033	
1/25/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/2/2013	<0.005	
1/14/2014	0.00074 (J)	
6/25/2014	0.00071 (J)	
1/13/2015	0.0015 (J)	
7/22/2015	<0.005	
1/27/2016	<0.005	
7/27/2016	<0.005	
2/1/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/25/2019	<0.005	
6/25/2019	<0.005	
9/11/2019	0.0062	
3/17/2020	<0.005	
9/11/2020	0.0033 (J)	
3/17/2021	<0.005	
8/20/2021	<0.005	
3/8/2022	<0.005	
8/16/2022	<0.005	
2/20/2023	<0.005	
8/14/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	0.0035	
10/26/2011	0.0032	
12/3/2011	0.0027	
1/25/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/14/2014	0.0021 (J)	
6/25/2014	0.0012 (J)	
1/14/2015	0.0015 (J)	
7/28/2015	<0.005	
1/27/2016	<0.005	
7/27/2016	<0.005	
2/1/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/26/2018	<0.005	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/11/2019	0.012	
3/17/2020	<0.005	
9/14/2020	0.0048 (J)	
3/16/2021	<0.005	
8/20/2021	<0.005	
3/8/2022	<0.005	
8/11/2022	0.003 (J)	
2/20/2023	<0.005	
8/10/2023	<0.005	
2/20/2024		<0.005
8/7/2024		<0.005
2/13/2025		0.0031 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
8/30/2011	<0.005	
10/26/2011	0.0025	
12/3/2011	0.0027	
2/9/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/14/2014	0.0005 (J)	
6/24/2014	0.00099 (J)	
1/13/2015	0.00063 (J)	
7/23/2015	<0.005	
1/27/2016	<0.005	
7/25/2016	<0.005	
2/1/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/21/2018	<0.005	
1/28/2019	0.0033 (J)	
6/27/2019	<0.005	
9/11/2019	0.0038 (J)	
3/17/2020	<0.005	
9/14/2020	0.0053	
3/16/2021	<0.005	
8/24/2021	<0.005	
3/8/2022	<0.005	
8/11/2022	<0.005	
2/20/2023	<0.005	
8/9/2023	0.0033 (J)	
2/21/2024		<0.005
8/7/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
8/30/2011	0.0035	
10/26/2011	0.0054	
12/3/2011	0.0046	
2/8/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	0.0025	
6/24/2014	0.0014 (J)	
1/13/2015	0.0019 (J)	
7/23/2015	0.0025	
1/27/2016	<0.005	
7/25/2016	0.016 (J)	
2/2/2017	<0.005	
8/7/2017	<0.005	
1/25/2018	<0.005	
6/21/2018	<0.005	
1/28/2019	0.0049 (J)	
6/26/2019	0.0038 (J)	
9/12/2019	0.0086	
3/18/2020	0.0078	
9/15/2020	0.0037 (J)	
3/17/2021	0.0056	
8/24/2021	0.0034 (J)	
3/8/2022	0.0056	
8/11/2022	<0.005	
2/21/2023	0.0072	
8/9/2023	0.0032 (J)	
2/21/2024		0.0065
8/6/2024		<0.005
2/14/2025		0.0048 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	<0.005	
10/27/2011	0.0038	
12/4/2011	0.0028	
2/8/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	0.0018 (J)	
6/24/2014	0.0006 (J)	
1/13/2015	0.00086 (J)	
7/23/2015	<0.005	
1/27/2016	<0.005	
7/25/2016	0.038	
2/2/2017	<0.005	
8/7/2017	0.013 (J)	
1/26/2018	<0.005	
6/21/2018	<0.005	
1/28/2019	0.014	
6/25/2019	<0.005	
9/11/2019	0.0061	
3/18/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/24/2021	<0.005	
3/7/2022	<0.005	
8/16/2022	0.004 (J)	
2/22/2023	0.0035 (J)	
8/9/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/14/2025		0.0031 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
8/31/2011	0.01	
10/27/2011	0.0087	
12/4/2011	0.0093	
2/8/2012	0.0086	
7/17/2012	0.009	
1/9/2013	0.006	
7/16/2013	0.0052	
1/21/2014	0.0066	
6/24/2014	0.0059	
1/13/2015	0.005	
7/23/2015	0.0042	
1/26/2016	0.0043	
7/26/2016	0.023	
2/2/2017	<0.005	
8/7/2017	<0.005	
1/26/2018	<0.005	
6/20/2018	<0.005	
1/24/2019	0.0034 (J)	
6/25/2019	0.0039 (J)	
9/11/2019	0.0068	
3/18/2020	0.0052	
9/15/2020	0.0052	
3/16/2021	0.0033 (J)	
8/19/2021	<0.005	
3/7/2022	0.0029 (J)	
8/16/2022	0.0093	
2/21/2023	0.0038 (J)	
8/9/2023	<0.005	
2/19/2024		<0.005
7/30/2024		0.0028 (J)
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
9/15/2011	0.0058	
10/29/2011	0.0031	
12/13/2011	0.0068	
1/25/2012	<0.005	
7/18/2012	0.0056	
1/22/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	0.0015 (J)	
6/25/2014	0.00094 (J)	
1/14/2015	0.00073 (J)	
7/23/2015	<0.005	
1/26/2016	<0.005	
7/26/2016	0.017 (J)	
2/3/2017	<0.005	
8/8/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/24/2019	<0.005	
6/25/2019	<0.005	
9/10/2019	0.0061	
3/18/2020	<0.005	
9/10/2020	<0.005	
3/15/2021	<0.005	
8/19/2021	<0.005	
3/8/2022	<0.005	
8/17/2022	<0.005	
2/14/2023	0.012	
8/14/2023	<0.005	
2/14/2024		0.0031 (J)
8/6/2024		0.007
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	0.0058	
10/29/2011	0.0032	
12/13/2011	0.0074	
1/31/2012	0.0031	
7/18/2012	0.0054	
1/22/2013	0.0061	
7/23/2013	0.0038	
1/22/2014	0.0035	
7/1/2014	0.0031	
1/22/2015	0.0049	
7/29/2015	0.0024 (J)	
1/21/2016	<0.005	
7/27/2016	<0.005	
2/3/2017	<0.005	
8/8/2017	<0.005	
1/25/2018	<0.005	
6/20/2018	<0.005	
1/25/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	0.0042 (J)	
3/18/2020	<0.005	
9/10/2020	0.004 (J)	
3/18/2021	<0.005	
8/23/2021	0.032 (O)	
3/9/2022	<0.005	
8/16/2022	0.016	
2/21/2023	<0.005	
8/15/2023	<0.005	
2/19/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	0.0043	
7/31/2015	0.0052	
1/20/2016	0.0086	
7/27/2016	<0.02	
2/3/2017	0.0094 (J)	
8/8/2017	0.0098 (J)	
1/25/2018	<0.02	
6/27/2018	<0.02	
1/31/2019	0.006	
6/26/2019	0.0062	
9/11/2019	0.0081	
3/12/2020	0.008	
9/15/2020	0.0073	
3/18/2021	0.0064	
8/19/2021	0.014	
3/10/2022	0.0037 (J)	
8/18/2022	0.006	
2/16/2023	0.0059	
8/16/2023	0.0034 (J)	
2/22/2024		0.024
8/6/2024		0.0049 (J)
2/14/2025		0.0076

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.0028	
10/31/2011	0.003	
12/14/2011	0.0029	
2/7/2012	0.0092	
7/17/2012	0.01	
7/24/2013	0.033	
1/23/2014	0.015	
7/8/2014	0.011	
1/21/2015	0.0057	
7/30/2015	0.0072	
1/21/2016	0.017	
7/27/2016	0.0076 (J)	
1/24/2017	0.0085 (J)	
8/3/2017	<0.005	
1/25/2018	0.009 (J)	
6/27/2018	0.0086 (J)	
1/24/2019	0.013	
6/25/2019	0.01	
9/11/2019	0.037	
3/12/2020	0.0089	
9/14/2020	0.024	
3/17/2021	0.0088	
8/19/2021	0.0076	
3/8/2022	<0.005	
8/10/2022	0.02	
2/21/2023	0.0069	
8/15/2023	0.0098	
2/21/2024		0.0042 (J)
8/1/2024		0.0033 (J)
2/14/2025		0.0052

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
9/17/2011	0.0061	
10/29/2011	0.0038	
12/14/2011	0.0033	
2/7/2012	0.0036	
7/17/2012	0.0028	
1/24/2013	<0.005	
7/24/2013	<0.005	
1/23/2014	0.019	
7/8/2014	0.0048	
1/21/2015	0.0022 (J)	
7/31/2015	<0.005	
1/25/2016	0.0035	
7/26/2016	<0.005	
1/19/2017	0.015 (J)	
8/3/2017	<0.005	
1/22/2018	<0.005	
6/27/2018	<0.005	
1/24/2019	<0.005	
6/25/2019	0.0045 (J)	
9/12/2019	0.0059	
3/13/2020	0.0087	
9/15/2020	0.0042 (J)	
3/17/2021	<0.005	
8/19/2021	0.0049 (J)	
3/9/2022	<0.005	
8/10/2022	0.0053	
2/21/2023	<0.005	
8/16/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	0.0044	
10/29/2011	0.0049	
12/14/2011	0.0057	
1/25/2012	0.0051	
7/17/2012	0.015	
1/24/2013	0.0041	
7/24/2013	0.0036	
1/23/2014	0.02	
7/8/2014	0.0032	
1/21/2015	0.0039	
7/30/2015	0.0033	
1/22/2016	0.012	
7/26/2016	<0.005	
1/20/2017	<0.005	
8/3/2017	<0.005	
1/19/2018	<0.005	
6/27/2018	<0.005	
1/24/2019	0.0041 (J)	
6/26/2019	<0.005	
9/12/2019	0.0079	
3/12/2020	0.0051	
9/9/2020	0.0079	
3/18/2021	<0.005	
8/23/2021	<0.005	
3/8/2022	<0.005	
8/10/2022	0.0071	
2/20/2023	<0.005	
8/15/2023	<0.005	
2/20/2024		<0.005
7/30/2024		<0.005
2/11/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
9/15/2011	<0.005	
10/28/2011	0.0062	
12/13/2011	0.003	
2/8/2012	0.009	
7/18/2012	<0.005	
1/24/2013	0.0066	
7/24/2013	<0.005	
1/23/2014	0.0028	
7/1/2014	0.0014 (J)	
1/20/2015	<0.005	
7/30/2015	<0.005	
1/19/2016	<0.005	
7/21/2016	<0.005	
1/24/2017	<0.005	
8/4/2017	<0.005	
1/24/2018	<0.005	
6/21/2018	<0.005	
1/30/2019	<0.005	
6/27/2019	<0.005	
9/10/2019	0.019	
3/11/2020	0.022	
9/10/2020	<0.005	
3/18/2021	0.078 (O)	
8/23/2021	<0.005	
3/2/2022	<0.005	
8/10/2022	<0.005	
2/14/2023	<0.005	
8/16/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	0.02	
10/31/2011	0.028	
2/7/2012	0.0091	
1/23/2013	0.014	
1/23/2014	0.012	
7/1/2014	0.015	
1/21/2015	0.0081	
1/25/2016	0.0067	
7/27/2016	0.014 (J)	
1/25/2017	<0.02	
8/4/2017	0.033	
1/23/2018	0.026	
6/27/2018	0.012 (J)	
1/31/2019	0.008	
6/26/2019	0.011	
9/11/2019	0.081	
3/17/2020	0.044	
9/11/2020	0.0094	
3/16/2021	0.014	
8/25/2021	0.0074	
3/10/2022	0.0066	
8/16/2022	0.016	
2/22/2023	0.011	
8/16/2023	0.022	
2/21/2024		0.0041 (J)
8/2/2024		0.038
2/18/2025		0.012

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
9/15/2011	0.11	
10/31/2011	0.099	
12/13/2011	0.11	
2/1/2012	0.1	
7/17/2012	0.084	
1/23/2013	0.06	
7/24/2013	0.073	
1/23/2014	0.038	
7/1/2014	0.054	
1/20/2015	0.033	
7/30/2015	0.029	
1/25/2016	0.037	
7/22/2016	0.078	
1/26/2017	0.07	
8/3/2017	0.059	
1/23/2018	0.065	
6/26/2018	0.047	
1/30/2019	0.053	
6/27/2019	0.082	
9/12/2019	0.098	
3/18/2020	0.13	
9/15/2020	0.07	
3/17/2021	0.081	
8/24/2021	0.022	
3/9/2022	0.024	
8/10/2022	0.017	
2/15/2023	0.024	
8/15/2023	0.019	
2/20/2024		0.028
8/6/2024		0.023
2/19/2025		0.025

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
9/16/2011	0.0033	
10/30/2011	0.0071	
12/13/2011	0.0062	
2/1/2012	0.0033	
7/17/2012	0.0083	
1/23/2013	0.0038	
7/17/2013	0.0059	
1/23/2014	0.008	
1/20/2015	0.0058	
7/29/2015	0.0049	
1/25/2016	0.0046	
7/22/2016	<0.005	
1/25/2017	<0.005	
8/4/2017	<0.005	
1/23/2018	<0.005	
6/26/2018	<0.005	
1/30/2019	0.0096	
6/26/2019	0.0056	
9/12/2019	0.01	
3/12/2020	0.0061	
9/16/2020	0.012	
3/18/2021	<0.005	
8/24/2021	<0.005	
3/9/2022	0.12 (O)	
5/4/2022	0.022	
8/15/2022	0.018	
2/20/2023	0.0038 (J)	
8/15/2023	<0.005	
2/20/2024		<0.005
7/31/2024		<0.005
2/19/2025		0.0032 (J)

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
9/16/2011	0.0029	
10/31/2011	<0.005	
12/12/2011	0.0027	
2/1/2012	<0.005	
7/16/2012	<0.005	
1/22/2013	<0.005	
7/17/2013	<0.005	
1/23/2014	0.0034	
6/25/2014	0.00083 (J)	
1/14/2015	0.0014 (J)	
7/29/2015	<0.005	
1/21/2016	<0.005	
7/21/2016	<0.005	
1/25/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/20/2018	<0.005	
1/28/2019	0.0031 (J)	
6/26/2019	<0.005	
9/11/2019	0.0068	
3/11/2020	0.0032 (J)	
9/11/2020	<0.005	
3/16/2021	<0.005	
8/24/2021	<0.005	
3/2/2022	<0.005	
8/10/2022	0.0049 (J)	
2/20/2023	<0.005	
8/16/2023	<0.005	
2/22/2024		<0.005
8/5/2024		<0.005
2/13/2025		<0.005

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/14/2025 5:57 PM View: Appendix I - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
9/16/2011	0.006	
10/31/2011	0.0055	
12/12/2011	0.006	
2/1/2012	0.0046	
7/16/2012	0.0038	
1/22/2013	0.0028	
7/2/2013	0.0025	
1/21/2014	0.0036	
6/25/2014	0.0021 (J)	
1/14/2015	0.0022 (J)	
7/28/2015	0.0016 (J)	
1/21/2016	0.0016 (J)	
7/21/2016	<0.005	
1/26/2017	<0.005	
8/3/2017	<0.005	
1/23/2018	<0.005	
6/19/2018	<0.005	
1/21/2019	<0.005	
6/26/2019	<0.005	
9/12/2019	0.0045 (J)	
3/11/2020	0.0034 (J)	
9/11/2020	<0.005	
3/16/2021	<0.005	
8/18/2021	<0.005	
3/2/2022	<0.005	
8/15/2022	0.014	
2/20/2023	<0.005	
8/16/2023	<0.005	
2/22/2024		<0.005
8/5/2024		0.0031 (J)
2/18/2025		0.0032 (J)

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

FIGURE E.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	**GWC-11**	**0.002**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**205**	**n/a**	**n/a**	**92.2**	**n/a**	**n/a**	**0.00004893**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:21 PM

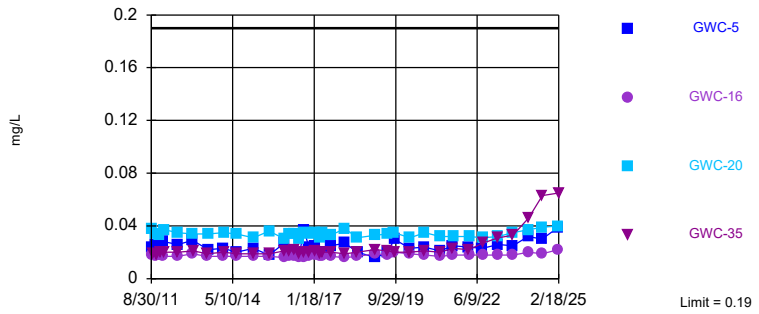
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-5	0.19	n/a	2/14/2025	0.039	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-16	0.19	n/a	2/11/2025	0.022	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.19	n/a	2/14/2025	0.04	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-35	0.19	n/a	2/18/2025	0.065	No	205	n/a	n/a	14.15	n/a	n/a	0.00004893	NP Inter (normality) 1 of 2
Copper (mg/L)	GWC-8	0.018	n/a	2/13/2025	0.0051	No	173	n/a	n/a	72.25	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Lead (mg/L)	**GWC-11**	**0.002**	**n/a**	**2/18/2025**	**0.0022**	**Yes**	**205**	**n/a**	**n/a**	**92.2**	**n/a**	**n/a**	**0.00004893**	**NP Inter (NDs) 1 of 2**
Lead (mg/L)	GWC-19	0.002	n/a	2/14/2025	0.0019	No	205	n/a	n/a	92.2	n/a	n/a	0.00004893	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0041	n/a	2/18/2025	0.0023	No	173	n/a	n/a	77.46	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-32	0.0041	n/a	2/19/2025	0.0037	No	173	n/a	n/a	77.46	n/a	n/a	0.00006569	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.078	n/a	2/18/2025	0.038	No	173	n/a	n/a	24.86	n/a	n/a	0.00006569	NP Inter (normality) 1 of 2

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 205 background values. 14.15% NDs. Annual per-constituent alpha = 0.002834. Individual comparison alpha = 0.00004893 (1 of 2). Comparing 4 points to limit. Assumes 25 future values.

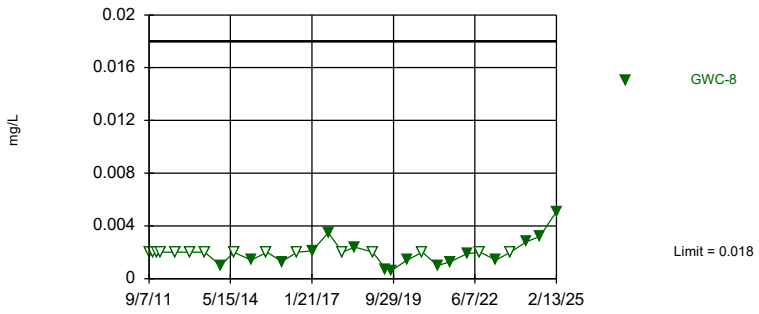
Constituent: Barium Analysis Run 4/7/2025 10:20 PM View: Appendix I - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 173 background values. 72.25% NDs. Annual per-constituent alpha = 0.003803. Individual comparison alpha = 0.00006569 (1 of 2). Assumes 28 future values.

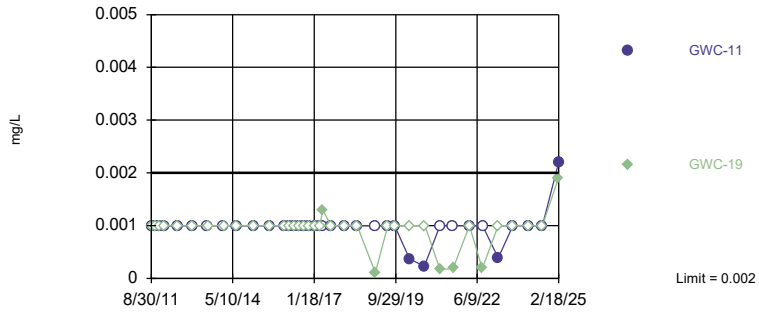
Constituent: Copper Analysis Run 4/7/2025 10:20 PM View: Appendix I - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-11

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 205 background values. 92.2% NDs. Annual per-constituent alpha = 0.002834. Individual comparison alpha = 0.00004893 (1 of 2). Comparing 2 points to limit. Assumes 27 future values.

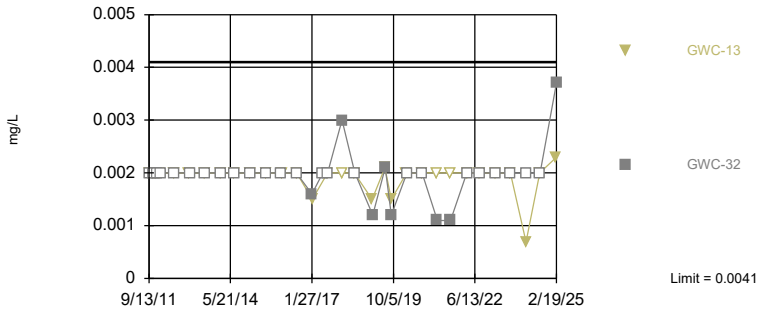
Constituent: Lead Analysis Run 4/7/2025 10:20 PM View: Appendix I - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 173 background values. 77.46% NDs. Annual per-constituent alpha = 0.003803. Individual comparison alpha = 0.00006569 (1 of 2). Comparing 2 points to limit. Assumes 27 future values.

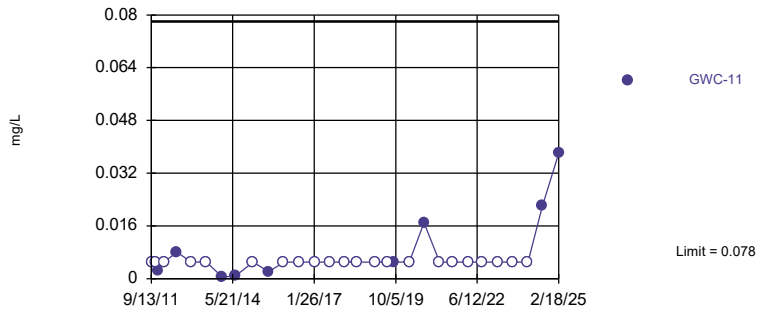
Constituent: Vanadium Analysis Run 4/7/2025 10:20 PM View: Appendix I - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 173 background values. 24.86% NDs. Annual per-constituent alpha = 0.003803. Individual comparison alpha = 0.00006569 (1 of 2). Assumes 28 future values.

Constituent: Zinc Analysis Run 4/7/2025 10:20 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWA-3 (bg)	GWC-5	GWA-4 (bg)	GWC-20	GWA-28 (bg)	GWC-35	GWA-1 (bg)	GWA-29 (bg)
8/30/2011	0.018								
8/31/2011		0.1	0.024	0.092	0.038				
9/16/2011						0.0022	0.019	0.013	
9/17/2011									0.0016
10/26/2011	0.017								
10/27/2011			0.026	0.061	0.034			0.012	
10/28/2011						0.0016			0.0015
10/31/2011							0.018		
12/3/2011	0.018								
12/4/2011					0.033				
12/5/2011			0.024						
12/12/2011						0.0018	0.02		0.0013
12/13/2011								0.012	
12/14/2011				0.1					
1/25/2012	0.017		0.028			<0.01			
1/31/2012								0.011	<0.01
2/1/2012				0.087			0.02		
2/7/2012									
2/8/2012					0.037				
7/11/2012	0.017				0.035				
7/16/2012						0.0011	0.02		
7/17/2012									0.0016
7/18/2012			0.026					0.012	
7/23/2012				0.13					
1/8/2013	0.019				0.034				
1/9/2013			0.029						
1/22/2013							0.021		
1/23/2013				0.11					
1/24/2013						<0.01		0.012	0.0013
7/2/2013	0.017						0.019		
7/16/2013					0.034				
7/17/2013			0.022	0.087				0.0097	
7/23/2013						<0.01			
7/24/2013									0.0022
1/14/2014	0.017								
1/15/2014			0.023	0.081					
1/21/2014					0.035		0.02	0.0096	
1/22/2014						0.0013			0.0012 (J)
6/24/2014					0.034				
6/25/2014	0.017	0.048	0.02	0.081			0.019	0.0094	
7/1/2014						0.0012 (J)			
7/8/2014									0.0013
1/13/2015	0.017		0.023		0.031				
1/14/2015				0.13			0.019	0.0095	
1/21/2015						0.00042 (J)			0.0015
1/22/2015									
7/21/2015		0.036		0.11		0.00055 (J)		0.0099	
7/22/2015	0.017								0.0014
7/23/2015					0.036				
7/24/2015			0.018						
7/28/2015							0.019		
1/19/2016									0.00092 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWA-3 (bg)	GWC-5	GWA-4 (bg)	GWC-20	GWA-28 (bg)	GWC-35	GWA-1 (bg)	GWA-29 (bg)
1/20/2016			0.027	0.086					
1/21/2016							0.021	0.011	
1/22/2016						0.00037 (J)			
1/27/2016	0.016				0.03				
3/22/2016						<0.01			<0.01
3/23/2016				0.112				0.00968 (J)	
3/24/2016							0.0206		
3/28/2016			0.0207						
3/30/2016	0.0174				0.0344				
3/31/2016		0.027							
5/19/2016				0.11					0.00265 (J)
5/20/2016								0.0096 (J)	
5/23/2016			0.0191			<0.01	0.0221		
5/24/2016									
5/25/2016	0.0173	0.027							
5/26/2016					0.0336				
7/21/2016			0.018	0.14			0.019	0.0087	0.0038
7/25/2016					0.03	0.001 (J)			
7/26/2016									
7/27/2016	0.016	0.029							
9/14/2016				0.15					
9/15/2016			0.037			0.00092 (J)	0.02	0.0086	
9/16/2016	0.016								
9/20/2016					0.035				
11/9/2016						0.0016 (J)			
11/10/2016				0.17					
11/11/2016								0.0095	
11/15/2016			0.024				0.02		
11/17/2016	0.017				0.034				
1/17/2017				0.18		<0.01			0.0011 (J)
1/19/2017								0.0087	
1/26/2017			0.025				0.021		
2/1/2017	0.018								
2/2/2017					0.035				
3/15/2017									0.00085 (J)
3/16/2017				0.15		0.00055 (J)		0.01	
3/17/2017									
3/22/2017			0.02				0.019		
3/24/2017	0.017								
3/28/2017					0.031				
4/27/2017				0.13		<0.01			0.00097 (J)
4/28/2017								0.0091	
5/2/2017			0.02				0.02		
5/3/2017	0.017								
5/4/2017					0.035				
7/18/2017									0.0016 (J)
8/1/2017		0.03				0.00059 (J)			0.0011 (J)
8/2/2017				0.15					
8/3/2017			0.025				0.02	0.0099	
8/7/2017	0.017				0.033				
10/3/2017		0.038							
1/19/2018						<0.01		0.0089	0.00076 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWA-3 (bg)	GWC-5	GWA-4 (bg)	GWC-20	GWA-28 (bg)	GWC-35	GWA-1 (bg)	GWA-29 (bg)
1/22/2018				0.15					
1/23/2018			0.027				0.019		
1/25/2018	0.016								
1/26/2018					0.038				
6/19/2018				0.13		<0.01	0.02	0.012	0.00078 (J)
6/20/2018	0.017	0.029							
6/21/2018					0.031				
6/25/2018			0.02						
1/17/2019				0.12				0.01	
1/18/2019		0.033							0.0007 (J)
1/21/2019						0.00088	0.022		
1/25/2019	0.019								
1/28/2019					0.033				
1/30/2019			0.016						
6/24/2019				0.12				0.0096 (J)	
6/25/2019	0.018	0.082			0.034	<0.01			<0.01
6/26/2019			0.02				0.021		
9/9/2019								0.012	
9/10/2019				0.16		0.0022 (J)			0.0033 (J)
9/11/2019	0.02	0.094			0.035				
9/12/2019			0.03				0.02		
3/10/2020		0.079		0.14		0.0018 (J)		0.01	<0.01
3/11/2020							0.02		
3/16/2020			0.023						
3/17/2020	0.019								
3/18/2020					0.031				
9/9/2020		0.088	0.024	0.12		<0.01		0.01	<0.01
9/10/2020									
9/11/2020	0.018						0.021		
9/15/2020					0.035				
3/15/2021		0.1		0.13		<0.01		0.01	<0.01
3/16/2021					0.032		0.02		
3/17/2021	0.017		0.021						
8/16/2021						<0.01		0.01	
8/18/2021		0.092		0.12			0.023		<0.01
8/19/2021			0.025						
8/20/2021	0.018								
8/24/2021					0.032				
2/28/2022								0.01	
3/1/2022		0.078		0.12		<0.01			
3/2/2022			0.024				0.022		<0.01
3/7/2022					0.032				
3/8/2022	0.018								
8/9/2022		0.098		0.12		<0.01		0.012	0.0011 (J)
8/11/2022			0.023						
8/15/2022							0.027		
8/16/2022	0.018				0.031				
2/13/2023									<0.01
2/14/2023		0.075		0.12		0.001 (J)		0.011	
2/20/2023	0.018		0.026				0.031		
2/22/2023					0.032				
8/8/2023		0.11							0.00089 (J)

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWA-3 (bg)	GWC-5	GWA-4 (bg)	GWC-20	GWA-28 (bg)	GWC-35	GWA-1 (bg)	GWA-29 (bg)
8/9/2023				0.14	0.035	0.01		0.011	
8/14/2023	0.018		0.025						
8/16/2023							0.033		
2/13/2024								0.012	
2/14/2024			0.032	0.19		<0.01			<0.01
2/20/2024					0.037				
2/21/2024	0.02								
2/22/2024							0.046		
7/29/2024				0.15		<0.01			
7/30/2024								0.011	<0.01
7/31/2024		0.066	0.03						
8/2/2024					0.039				
8/5/2024	0.019						0.063		
2/10/2025				0.16		0.0027 (J)			
2/11/2025	0.022							0.011	<0.01
2/14/2025			0.039		0.04				
2/18/2025							0.065		

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2 (bg)
8/30/2011	
8/31/2011	
9/16/2011	
9/17/2011	0.011
10/26/2011	
10/27/2011	0.013
10/28/2011	
10/31/2011	
12/3/2011	
12/4/2011	
12/5/2011	
12/12/2011	
12/13/2011	
12/14/2011	0.01
1/25/2012	
1/31/2012	
2/1/2012	
2/7/2012	0.014
2/8/2012	
7/11/2012	
7/16/2012	
7/17/2012	
7/18/2012	
7/23/2012	0.014
1/8/2013	
1/9/2013	
1/22/2013	
1/23/2013	0.02
1/24/2013	
7/2/2013	
7/16/2013	
7/17/2013	
7/23/2013	
7/24/2013	0.016
1/14/2014	
1/15/2014	
1/21/2014	
1/22/2014	0.017
6/24/2014	
6/25/2014	
7/1/2014	0.015
7/8/2014	
1/13/2015	
1/14/2015	
1/21/2015	
1/22/2015	0.019
7/21/2015	
7/22/2015	0.014
7/23/2015	
7/24/2015	
7/28/2015	
1/19/2016	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2 (bg)
1/20/2016	0.016
1/21/2016	
1/22/2016	
1/27/2016	
3/22/2016	
3/23/2016	0.00773 (J)
3/24/2016	
3/28/2016	
3/30/2016	
3/31/2016	
5/19/2016	
5/20/2016	
5/23/2016	
5/24/2016	0.00761 (J)
5/25/2016	
5/26/2016	
7/21/2016	
7/25/2016	
7/26/2016	0.0078
7/27/2016	
9/14/2016	
9/15/2016	
9/16/2016	0.017
9/20/2016	
11/9/2016	
11/10/2016	0.016
11/11/2016	
11/15/2016	
11/17/2016	
1/17/2017	
1/19/2017	0.02
1/26/2017	
2/1/2017	
2/2/2017	
3/15/2017	
3/16/2017	
3/17/2017	0.016
3/22/2017	
3/24/2017	
3/28/2017	
4/27/2017	
4/28/2017	0.016
5/2/2017	
5/3/2017	
5/4/2017	
7/18/2017	
8/1/2017	
8/2/2017	0.014
8/3/2017	
8/7/2017	
10/3/2017	
1/19/2018	0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2 (bg)
1/22/2018	
1/23/2018	
1/25/2018	
1/26/2018	
6/19/2018	0.015
6/20/2018	
6/21/2018	
6/25/2018	
1/17/2019	0.01
1/18/2019	
1/21/2019	
1/25/2019	
1/28/2019	
1/30/2019	
6/24/2019	0.011
6/25/2019	
6/26/2019	
9/9/2019	
9/10/2019	0.015
9/11/2019	
9/12/2019	
3/10/2020	0.01
3/11/2020	
3/16/2020	
3/17/2020	
3/18/2020	
9/9/2020	
9/10/2020	0.012
9/11/2020	
9/15/2020	
3/15/2021	0.011
3/16/2021	
3/17/2021	
8/16/2021	
8/18/2021	0.014
8/19/2021	
8/20/2021	
8/24/2021	
2/28/2022	
3/1/2022	0.012
3/2/2022	
3/7/2022	
3/8/2022	
8/9/2022	0.015
8/11/2022	
8/15/2022	
8/16/2022	
2/13/2023	
2/14/2023	0.011
2/20/2023	
2/22/2023	
8/8/2023	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2 (bg)
8/9/2023	0.014
8/14/2023	
8/16/2023	
2/13/2024	
2/14/2024	0.014
2/20/2024	
2/21/2024	
2/22/2024	
7/29/2024	
7/30/2024	0.014
7/31/2024	
8/2/2024	
8/5/2024	
2/10/2025	
2/11/2025	0.021
2/14/2025	
2/18/2025	

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-8	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
8/31/2011	<0.002	<0.002					
9/7/2011			<0.002				
9/16/2011				<0.002	<0.002		
9/17/2011						<0.002	<0.002
10/27/2011	<0.002			<0.002		<0.002	
10/28/2011					<0.002		<0.002
10/30/2011			<0.002				
12/5/2011			<0.002				
12/12/2011					<0.002		<0.002
12/13/2011				<0.002			
12/14/2011	<0.002					<0.002	
1/19/2012			<0.002				
1/25/2012					<0.002		
1/31/2012				<0.002			0.018
2/1/2012	<0.002						
2/7/2012						<0.002	
7/16/2012					<0.002		
7/17/2012							0.0066
7/18/2012			<0.002	<0.002			
7/23/2012	<0.002					<0.002	
1/7/2013			<0.002				
1/23/2013	<0.002					<0.002	
1/24/2013				<0.002	<0.002		0.015
7/9/2013			<0.002				
7/17/2013	<0.002			<0.002			
7/23/2013					<0.002		
7/24/2013						<0.002	0.015
1/14/2014			0.001 (J)				
1/15/2014	<0.002						
1/21/2014				<0.002			
1/22/2014					0.0012 (J)	<0.002	0.015
6/24/2014			<0.002				
6/25/2014	<0.002	0.0016 (J)		<0.002			
7/1/2014					<0.002	0.0011 (J)	
7/8/2014							0.0081
1/14/2015	<0.002			<0.002			
1/20/2015			0.0014 (J)				
1/21/2015					<0.002		0.0088
1/22/2015						<0.002	
7/21/2015	<0.002	<0.002		<0.002	<0.002		
7/22/2015						0.0012 (J)	0.0072
7/27/2015			<0.002				
1/19/2016							0.0083
1/20/2016	<0.002					<0.002	
1/21/2016				<0.002			
1/22/2016					<0.002		
1/26/2016			0.0013 (J)				
7/21/2016	<0.002			<0.002			0.0056
7/25/2016					<0.002		
7/26/2016			<0.002			<0.002	
7/27/2016		<0.002					
1/17/2017	<0.002				<0.002		0.0065

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-8	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
1/19/2017				<0.002		<0.002	
1/26/2017			0.0021 (J)				
8/1/2017		<0.002			<0.002		0.0044
8/2/2017	<0.002					<0.002	
8/3/2017				<0.002			
8/7/2017			0.0035				
1/19/2018				<0.002	<0.002	<0.002	0.0046
1/22/2018	<0.002						
1/24/2018			<0.002				
6/19/2018	<0.002			<0.002	<0.002	<0.002	0.0063
6/20/2018		<0.002					
6/21/2018			0.0024 (J)				
1/17/2019	<0.002			<0.002		<0.002	
1/18/2019		<0.002					0.0059
1/21/2019					<0.002		
1/22/2019			<0.002				
6/24/2019	<0.002			<0.002		0.0011 (J)	
6/25/2019		0.004	0.00074 (J)		<0.002		0.0085
9/9/2019				<0.002			
9/10/2019	<0.002		0.00065 (J)		<0.002	0.0014 (J)	0.0074
9/11/2019		0.0015 (J)					
3/10/2020	<0.002	0.0025		<0.002	<0.002	<0.002	0.004
3/12/2020			0.0014 (J)				
9/9/2020	<0.002	0.0029		<0.002	<0.002		0.0055
9/10/2020						0.00099 (J)	
9/14/2020			<0.002				
3/15/2021	<0.002	0.0031		<0.002	<0.002	0.001 (J)	0.0062
3/16/2021			0.001 (J)				
8/16/2021				<0.002	<0.002		
8/18/2021	<0.002	0.0017 (J)				0.0011 (J)	0.006
8/20/2021			0.0013 (J)				
2/28/2022				<0.002			
3/1/2022	<0.002	0.0025			<0.002	<0.002	
3/2/2022			0.0019 (J)				0.0053
8/9/2022	<0.002	0.0033		<0.002	<0.002	<0.002	0.0055
8/11/2022			<0.002				
2/13/2023							0.0048
2/14/2023	<0.002	0.0017 (J)		<0.002	<0.002	<0.002	
2/15/2023			0.0014 (J)				
8/8/2023		0.0019 (J)					0.0043
8/9/2023	<0.002		<0.002	<0.002	<0.002	<0.002	
2/13/2024				<0.002			
2/14/2024	<0.002				<0.002	<0.002	0.0043
2/21/2024			0.0028				
7/29/2024	<0.002				<0.002		
7/30/2024			0.0032	<0.002		<0.002	0.003
7/31/2024		0.0025					
2/10/2025	<0.002				<0.002		
2/11/2025				<0.002		<0.002	0.0038
2/13/2025			0.0051				

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWA-3 (bg)	GWA-4 (bg)	GWC-11	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
8/30/2011	<0.001							
8/31/2011		<0.001	<0.001					
9/13/2011				<0.001				
9/16/2011					<0.001	<0.001		
9/17/2011							<0.001	<0.001
10/26/2011	<0.001							
10/27/2011			<0.001			<0.001		<0.001
10/28/2011				<0.001	<0.001		<0.001	
12/3/2011	<0.001							
12/4/2011				<0.001				
12/12/2011					<0.001		<0.001	
12/13/2011						<0.001		
12/14/2011			<0.001					<0.001
1/25/2012					<0.001			
1/31/2012						<0.001	<0.001	
2/1/2012			<0.001					
2/7/2012								<0.001
2/8/2012	<0.001							
2/9/2012				<0.001				
7/11/2012	<0.001							
7/16/2012					<0.001			
7/17/2012							<0.001	
7/18/2012				<0.001		<0.001		
7/23/2012			<0.001					<0.001
1/8/2013	<0.001			<0.001				
1/23/2013			<0.001					<0.001
1/24/2013					<0.001	<0.001	<0.001	
7/9/2013				<0.001				
7/16/2013	<0.001							
7/17/2013			<0.001			<0.001		
7/23/2013					<0.001			
7/24/2013							<0.001	<0.001
1/15/2014			<0.001	<0.001				
1/21/2014	<0.001					<0.001		
1/22/2014					<0.001		<0.001	<0.001
6/24/2014	<0.001							
6/25/2014		<0.001	<0.001	<0.001		<0.001		
7/1/2014					<0.001			<0.001
7/8/2014							<0.001	
1/13/2015	<0.001							
1/14/2015			<0.001			<0.001		
1/21/2015				<0.001	<0.001		<0.001	
1/22/2015								<0.001
7/21/2015		<0.001	<0.001		<0.001	<0.001		
7/22/2015							<0.001	<0.001
7/23/2015	<0.001							
7/28/2015				<0.001				
1/19/2016							<0.001	
1/20/2016			<0.001					<0.001
1/21/2016						<0.001		
1/22/2016					<0.001			
1/26/2016				<0.001				

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWA-3 (bg)	GWA-4 (bg)	GWC-11	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
1/27/2016	<0.001							
3/22/2016					<0.001		<0.001	
3/23/2016			<0.001			<0.001		<0.001
3/29/2016				<0.001				
3/30/2016	<0.001							
3/31/2016		<0.001						
5/19/2016			<0.001				<0.001	
5/20/2016						<0.001		
5/23/2016					<0.001			
5/24/2016								<0.001
5/25/2016		<0.001		<0.001				
5/26/2016	<0.001							
7/21/2016			<0.001			<0.001	<0.001	
7/25/2016	<0.001			<0.001	<0.001			
7/26/2016								<0.001
7/27/2016		<0.001						
9/14/2016			<0.001					
9/15/2016					<0.001	<0.001		
9/16/2016								<0.001
9/19/2016	<0.001			<0.001				
11/9/2016					<0.001			
11/10/2016			<0.001					<0.001
11/11/2016						<0.001		
11/16/2016				<0.001				
11/17/2016	<0.001							
1/17/2017			<0.001		<0.001		<0.001	
1/19/2017						<0.001		<0.001
1/31/2017				<0.001				
2/2/2017	<0.001							
3/15/2017							<0.001	
3/16/2017			<0.001		<0.001	<0.001		
3/17/2017								<0.001
3/23/2017				<0.001				
3/24/2017	<0.001							
4/27/2017			<0.001		<0.001		<0.001	
4/28/2017						<0.001		<0.001
5/2/2017				<0.001				
5/3/2017	0.0013							
7/18/2017							<0.001	
8/1/2017		<0.001			<0.001		<0.001	
8/2/2017			<0.001					<0.001
8/3/2017						<0.001		
8/7/2017	<0.001			<0.001				
10/3/2017		<0.001						
1/19/2018					<0.001	<0.001	<0.001	<0.001
1/22/2018			<0.001					
1/24/2018				<0.001				
1/25/2018	<0.001							
6/19/2018			<0.001		<0.001	<0.001	<0.001	<0.001
6/20/2018		<0.001		<0.001				
6/21/2018	<0.001							
1/17/2019			<0.001			<0.001		<0.001

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWA-3 (bg)	GWA-4 (bg)	GWC-11	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
1/18/2019		0.00011 (J)					<0.001	
1/21/2019					<0.001			
1/24/2019				<0.001				
1/28/2019	0.00011 (J)							
6/24/2019			<0.001			<0.001		<0.001
6/25/2019		<0.001			<0.001		0.00029 (J)	
6/26/2019	<0.001			<0.001				
9/9/2019						<0.001		
9/10/2019			<0.001		<0.001		0.00028 (J)	0.00014 (J)
9/11/2019		0.00017 (J)						
9/12/2019	<0.001							
9/16/2019				<0.001				
3/10/2020		0.002	<0.001		<0.001	<0.001	<0.001	<0.001
3/16/2020				0.00037 (J)				
3/18/2020	<0.001							
9/9/2020		0.00014 (J)	<0.001		0.00024 (J)	<0.001	0.00013 (J)	
9/10/2020				0.00023 (J)				<0.001
9/15/2020	<0.001							
3/15/2021		<0.001	<0.001		<0.001	<0.001	0.00013 (J)	<0.001
3/17/2021	0.00017 (J)			<0.001				
8/16/2021					<0.001	<0.001		
8/18/2021		<0.001	0.00031 (J)				0.00021 (J)	<0.001
8/23/2021				<0.001				
8/24/2021	0.00019 (J)							
2/28/2022						<0.001		
3/1/2022		<0.001	<0.001		<0.001			<0.001
3/2/2022							<0.001	
3/7/2022				<0.001				
3/8/2022	<0.001							
8/9/2022		<0.001	<0.001		<0.001	<0.001	<0.001	0.0002 (J)
8/11/2022	0.00019 (J)							
8/15/2022				<0.001				
2/13/2023							<0.001	
2/14/2023		<0.001	<0.001		<0.001	<0.001		<0.001
2/21/2023	<0.001			0.00039 (J)				
8/8/2023		<0.001					<0.001	
8/9/2023	<0.001		<0.001		<0.001	<0.001		<0.001
8/14/2023				<0.001				
2/13/2024						<0.001		
2/14/2024			<0.001	<0.001	<0.001		0.00021 (J)	0.0012
2/21/2024	<0.001							
7/29/2024			<0.001		<0.001			
7/30/2024						0.00021 (J)	<0.001	<0.001
7/31/2024		<0.001						
8/6/2024	<0.001			<0.001				
2/10/2025			<0.001		<0.001			
2/11/2025						<0.001	<0.001	<0.001
2/14/2025	0.0019							
2/18/2025				0.0022				

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3 (bg)	GWA-4 (bg)	GWC-13	GWC-32	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
8/31/2011	<0.002	<0.002						
9/13/2011			<0.002					
9/15/2011				<0.002				
9/16/2011					<0.002	<0.002		
9/17/2011							<0.002	<0.002
10/27/2011		<0.002				<0.002		<0.002
10/28/2011			<0.002		<0.002		<0.002	
10/31/2011				<0.002				
12/4/2011			<0.002					
12/12/2011					<0.002		<0.002	
12/13/2011				<0.002		<0.002		
12/14/2011		<0.002						<0.002
1/24/2012			<0.002					
1/25/2012					<0.002			
1/31/2012						<0.002	<0.002	
2/1/2012		<0.002		<0.002				
2/7/2012								<0.002
7/11/2012			<0.002					
7/16/2012					<0.002			
7/17/2012				<0.002			<0.002	
7/18/2012						<0.002		
7/23/2012		<0.002						<0.002
1/8/2013			<0.002					
1/23/2013		<0.002		<0.002				<0.002
1/24/2013					<0.002	<0.002	<0.002	
7/10/2013			<0.002					
7/17/2013		<0.002				<0.002		
7/23/2013					<0.002			
7/24/2013				<0.002			<0.002	<0.002
1/15/2014		0.0016 (J)						
1/21/2014			<0.002			<0.002		
1/22/2014					0.00072 (J)		<0.002	<0.002
1/23/2014				<0.002				
6/25/2014	<0.002	0.00084 (J)				<0.002		
7/1/2014			<0.002	<0.002	<0.002			0.0012 (J)
7/8/2014							<0.002	
1/14/2015		0.0014 (J)				<0.002		
1/20/2015				<0.002				
1/21/2015			<0.002		<0.002		<0.002	
1/22/2015								0.0013 (J)
7/21/2015	<0.002	<0.002			<0.002	<0.002		
7/22/2015							<0.002	<0.002
7/28/2015			<0.002					
7/30/2015				<0.002				
1/19/2016							<0.002	
1/20/2016		<0.002						<0.002
1/21/2016						<0.002		
1/22/2016					<0.002			
1/25/2016				<0.002				
1/27/2016			<0.002					
7/21/2016		0.0035				<0.002	<0.002	
7/22/2016				<0.002				

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3 (bg)	GWA-4 (bg)	GWC-13	GWC-32	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
7/25/2016					<0.002			
7/26/2016			<0.002					<0.002
7/27/2016	<0.002							
1/17/2017		<0.002			<0.002		<0.002	
1/19/2017						<0.002		<0.002
1/26/2017				0.0016 (J)				
1/31/2017			0.0015 (J)					
6/8/2017				<0.002 (D)				
8/1/2017	<0.002				<0.002		0.0041	
8/2/2017		<0.002						<0.002
8/3/2017				<0.002		<0.002		
8/4/2017			<0.002					
1/19/2018					<0.002	<0.002	<0.002	<0.002
1/22/2018		0.002 (J)						
1/23/2018				0.003				
1/25/2018			<0.002					
6/19/2018		0.0019 (J)			<0.002	<0.002	0.0014 (J)	0.0024 (J)
6/20/2018	<0.002		<0.002					
6/26/2018				<0.002				
1/17/2019		0.0016				0.0012		0.0016
1/18/2019	0.0019						0.0015	
1/21/2019					0.0012			
1/22/2019			0.0015					
1/30/2019				0.0012				
6/24/2019		0.002				0.0028		0.0018
6/25/2019	0.0028		0.0021		0.0025		0.0023	
6/27/2019				0.0021				
9/9/2019						<0.002		
9/10/2019		<0.002			0.0012		<0.002	0.0011
9/11/2019	0.0014							
9/12/2019			0.0015	0.0012				
3/10/2020	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
3/12/2020			<0.002					
3/18/2020				<0.002				
9/9/2020	0.0018	<0.002			<0.002	<0.002	<0.002	
9/10/2020			<0.002					<0.002
9/15/2020				<0.002				
3/15/2021	<0.002	<0.002			<0.002	<0.002	0.0017	<0.002
3/17/2021			<0.002	0.0011				
8/16/2021					0.0011	<0.002		
8/18/2021	0.0015	0.0011					0.0012	0.0011
8/23/2021			<0.002					
8/24/2021				0.0011				
2/28/2022						<0.002		
3/1/2022	0.0012	<0.002			<0.002			<0.002
3/2/2022							<0.002	
3/8/2022			<0.002					
3/9/2022				<0.002				
8/9/2022	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
8/10/2022				<0.002				
8/15/2022			<0.002					
2/13/2023							<0.002	

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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3 (bg)	GWA-4 (bg)	GWC-13	GWC-32	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)
2/14/2023	<0.002	0.00074 (J)			<0.002	0.00074 (J)		<0.002
2/15/2023				<0.002				
2/21/2023			<0.002					
8/8/2023	<0.002						<0.002	
8/9/2023		<0.002			0.00084 (J)	<0.002		<0.002
8/15/2023				<0.002				
8/16/2023			<0.002					
2/13/2024						<0.002		
2/14/2024		0.00067 (J)			<0.002		<0.002	<0.002
2/19/2024			0.00069 (J)					
2/20/2024				<0.002				
7/29/2024		<0.002			<0.002			
7/30/2024						<0.002	<0.002	<0.002
7/31/2024	<0.002							
8/5/2024			<0.002					
8/6/2024				<0.002				
2/10/2025		<0.002			<0.002			
2/11/2025						<0.002	<0.002	<0.002
2/18/2025			0.0023					
2/19/2025				0.0037				

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-11	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
8/31/2011	<0.005	0.0037					
9/13/2011			<0.005				
9/16/2011				0.0071	0.003		
9/17/2011						0.0061	0.026
10/27/2011	<0.005			0.0062		0.0059	
10/28/2011			<0.005		0.0073		0.019
12/4/2011			0.0025				
12/12/2011					0.0053		0.02
12/13/2011				0.0065			
12/14/2011	<0.005					0.0077	
1/25/2012					0.0046		
1/31/2012				0.0047			0.036
2/1/2012	<0.005						
2/7/2012						0.0053	
2/9/2012			<0.005				
7/16/2012					0.0034		
7/17/2012							0.015
7/18/2012			0.008	0.0044			
7/23/2012	0.0037					0.0043	
1/8/2013			<0.005				
1/23/2013	<0.005					0.0054	
1/24/2013				0.0058	0.0049		0.048
7/9/2013			<0.005				
7/17/2013	<0.005			0.0028			
7/23/2013					0.0026		
7/24/2013						0.004	0.048
1/15/2014	0.00085 (J)		0.00052 (J)				
1/21/2014				0.0037			
1/22/2014					0.0052	0.0056	0.044
6/25/2014	0.0014 (J)	0.015	0.00089 (J)	0.0026			
7/1/2014					0.0042	0.004	
7/8/2014							0.04
1/14/2015	0.0082			0.003			
1/21/2015			<0.005		0.0038		0.037
1/22/2015						0.0051	
7/21/2015	0.0015 (J)	0.042		0.0033	0.0042		
7/22/2015						0.0033	0.031
7/28/2015			0.0021 (J)				
1/19/2016							0.035
1/20/2016	0.0093					0.0029	
1/21/2016				0.0043			
1/22/2016					0.0041		
1/26/2016			<0.005				
7/21/2016	<0.005			0.01 (J)			0.038
7/25/2016			<0.005		<0.005		
7/26/2016						<0.005	
7/27/2016		0.011 (J)					
1/17/2017	0.014 (J)				<0.005		0.024
1/19/2017				0.0077 (J)		<0.005	
1/31/2017			<0.005				
8/1/2017		<0.005			<0.005		0.028
8/2/2017	<0.005					<0.005	

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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/7/2025 10:21 PM View: Appendix I - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-11	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
8/3/2017				<0.005			
8/7/2017			<0.005				
1/19/2018				<0.005	<0.005	<0.005	0.024
1/22/2018	<0.005						
1/24/2018			<0.005				
6/19/2018	<0.005			0.0068 (J)	<0.005	<0.005	0.028
6/20/2018		<0.005	<0.005				
1/17/2019	<0.005			0.0037 (J)		0.0024 (J)	
1/18/2019		0.0088					0.022
1/21/2019					0.0065		
1/24/2019			<0.005				
6/24/2019	0.0036 (J)			0.0048 (J)		0.0046 (J)	
6/25/2019		0.014			0.011		0.041
6/26/2019			<0.005				
9/9/2019				0.0064			
9/10/2019	0.006				0.01	0.0064	0.031
9/11/2019		0.02					
9/16/2019			0.005				
3/10/2020	0.052	0.015		0.0036 (J)	0.017	<0.005	0.034
3/16/2020			<0.005				
9/9/2020	<0.005	0.013		0.078	0.063		0.025
9/10/2020			0.017			<0.005	
3/15/2021	0.044	0.015		<0.005	0.0057	<0.005	0.024
3/17/2021			<0.005				
8/16/2021				<0.005	0.0061		
8/18/2021	0.0034 (J)	0.038				0.0046 (J)	0.024
8/23/2021			<0.005				
2/28/2022				0.0032 (J)			
3/1/2022	<0.005	0.012			0.0057	<0.005	
3/2/2022							0.024
3/7/2022			<0.005				
8/9/2022	<0.005	0.026		0.0066	0.0089	0.0069	0.032
8/15/2022			<0.005				
2/13/2023							0.025
2/14/2023	0.0029 (J)	0.017		0.0048 (J)	0.014	<0.005	
2/21/2023			<0.005				
8/8/2023		0.015					0.023
8/9/2023	<0.005			<0.005	0.011	<0.005	
8/14/2023			<0.005				
2/13/2024				0.0041 (J)			
2/14/2024	<0.005		<0.005		0.0059	0.0031 (J)	0.02
7/29/2024	<0.005				0.01		
7/30/2024				0.0036 (J)		<0.005	0.019
7/31/2024		0.01					
8/6/2024			0.022				
2/10/2025	<0.005				0.0053		
2/11/2025				0.0034 (J)		<0.005	0.021
2/18/2025			0.038				

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

FIGURE F.

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-4 (bg)**	**0.004249**	**264**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.000106**	**213**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-35**	**0.0004033**	**345**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	**GWA-29 (bg)**	**-0.0003573**	**-260**	**-152**	**Yes**	**31**	**9.677**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

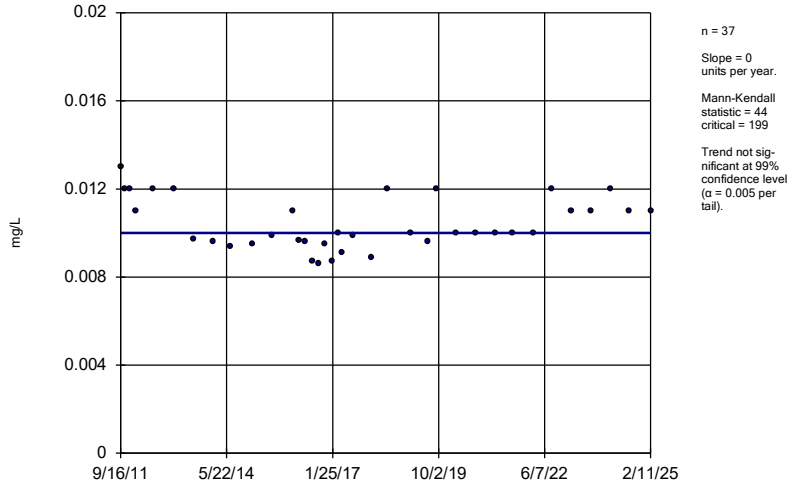
Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/7/2025, 10:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	0	44	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0	-30	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.006267	77	87	No	21	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-4 (bg)**	**0.004249**	**264**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-28 (bg)	0	126	199	No	37	45.95	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0.0000473	100	191	No	36	33.33	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5	0.0001775	80	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-16**	**0.000106**	**213**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0	-11	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-35**	**0.0004033**	**345**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	GWA-1 (bg)	0	0	152	No	31	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-2 (bg)	0	-36	-152	No	31	77.42	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-3 (bg)	0.00003868	26	68	No	18	33.33	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-4 (bg)	0	0	152	No	31	100	n/a	n/a	0.01	NP
Copper (mg/L)	GWA-28 (bg)	0	16	152	No	31	96.77	n/a	n/a	0.01	NP
Copper (mg/L)	**GWA-29 (bg)**	**-0.0003573**	**-260**	**-152**	**Yes**	**31**	**9.677**	**n/a**	**n/a**	**0.01**	**NP**
Copper (mg/L)	GWC-8	0	25	152	No	31	48.39	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-1 (bg)	0	-34	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-2 (bg)	0	-9	-199	No	37	91.89	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-3 (bg)	0	-2	-87	No	21	80.95	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-4 (bg)	0	-22	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-28 (bg)	0	-18	-199	No	37	97.3	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-29 (bg)	0	-117	-191	No	36	83.33	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-11	0	-28	-199	No	37	89.19	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-19	0	-34	-199	No	37	83.78	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-1 (bg)	0	-21	-152	No	31	90.32	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-2 (bg)	0	-6	-152	No	31	77.42	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-3 (bg)	0	-19	-68	No	18	66.67	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-4 (bg)	0	-45	-152	No	31	64.52	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-28 (bg)	0	-30	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-29 (bg)	0	-29	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-13	0	-4	-152	No	31	80.65	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-32	0	-10	-161	No	32	75	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	-0.00004585	-40	-152	No	31	16.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	0	-75	-152	No	31	41.94	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0.0005803	28	68	No	18	11.11	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	26	152	No	31	58.06	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0002671	124	152	No	31	16.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.001057	-139	-152	No	31	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-11	0	110	152	No	31	70.97	n/a	n/a	0.01	NP

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Sen's Slope Estimator

GWA-1 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = 44 critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

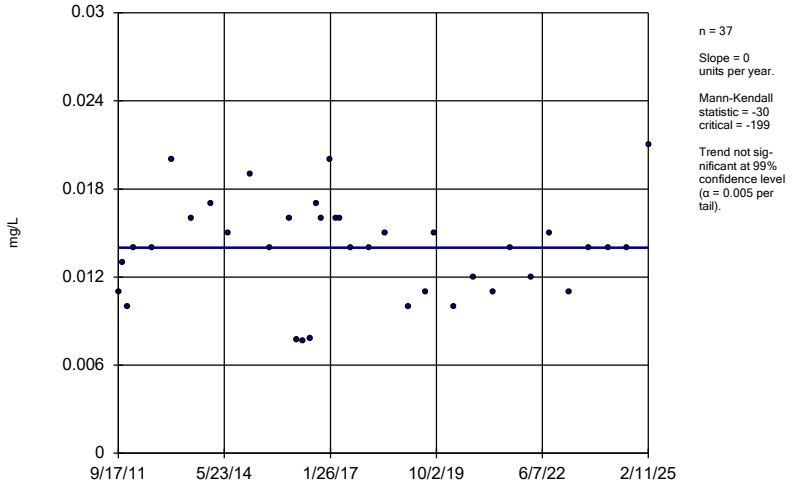
Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-2 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -30 critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

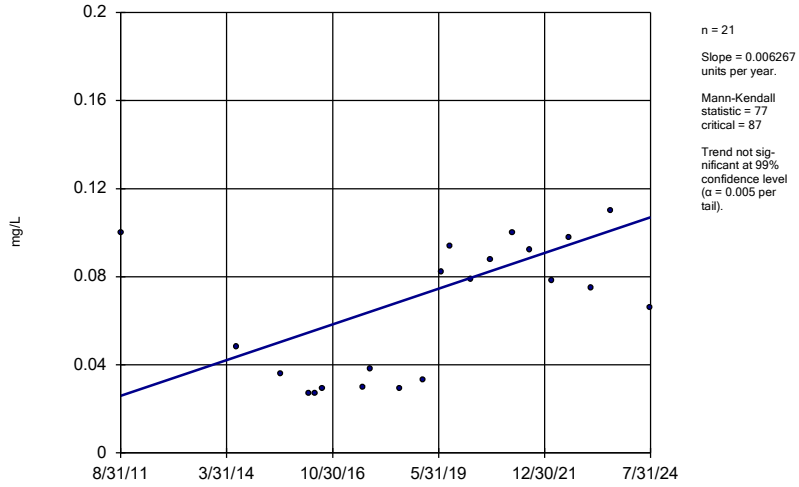
Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-3 (bg)



n = 21

Slope = 0.006267 units per year.

Mann-Kendall statistic = 77 critical = 87

Trend not significant at 99% confidence level (α = 0.005 per tail).

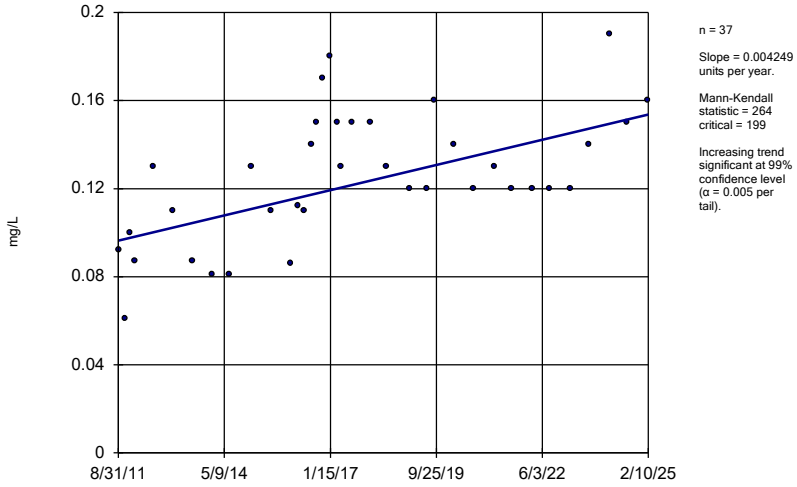
Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-4 (bg)



n = 37

Slope = 0.004249 units per year.

Mann-Kendall statistic = 264 critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

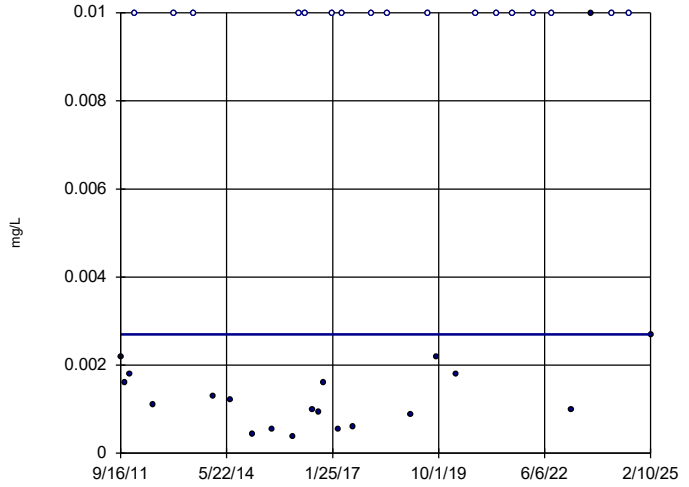
Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = 126 critical = 199

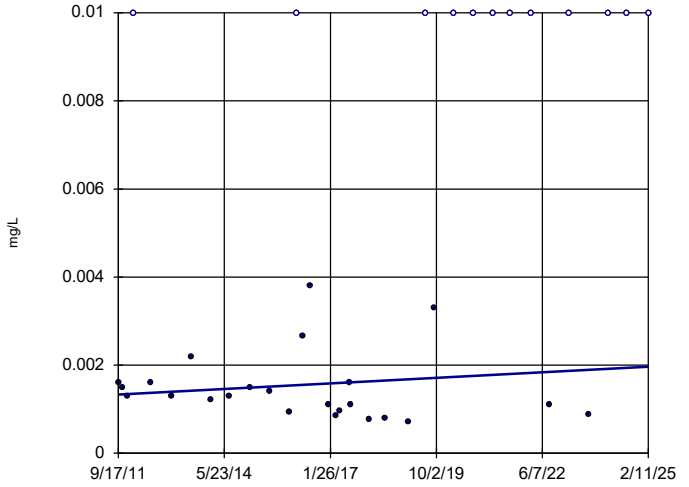
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-29 (bg)



n = 36

Slope = 0.0000473 units per year.

Mann-Kendall statistic = 100 critical = 191

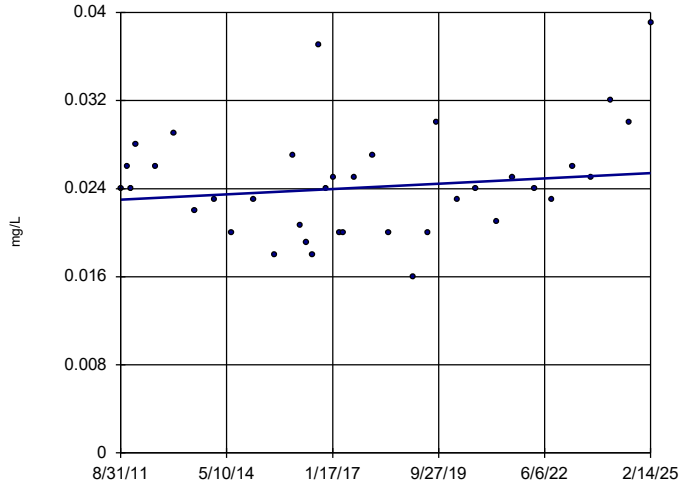
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWC-5



n = 37

Slope = 0.0001775 units per year.

Mann-Kendall statistic = 80 critical = 199

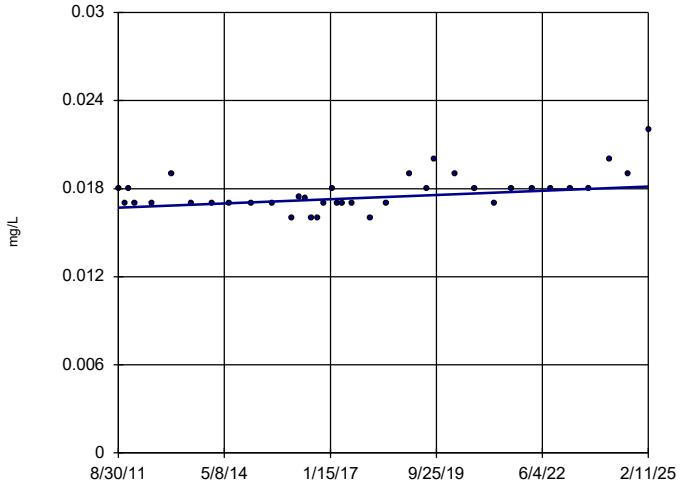
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWC-16



n = 37

Slope = 0.000106 units per year.

Mann-Kendall statistic = 213 critical = 199

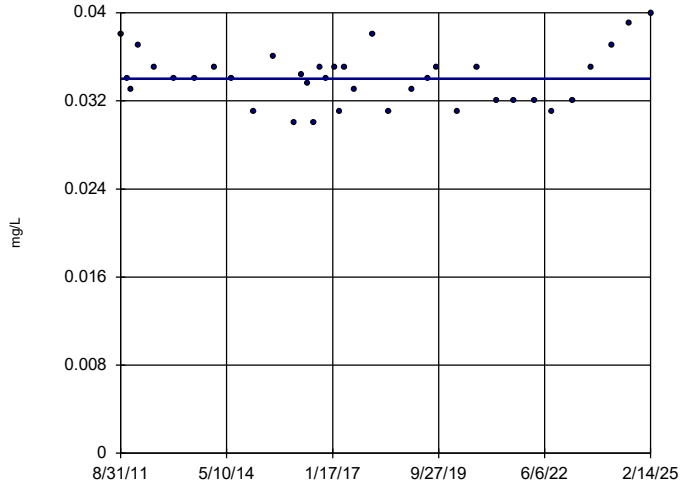
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWC-20



n = 37

Slope = 0
units per year.

Mann-Kendall
statistic = -11
critical = -199

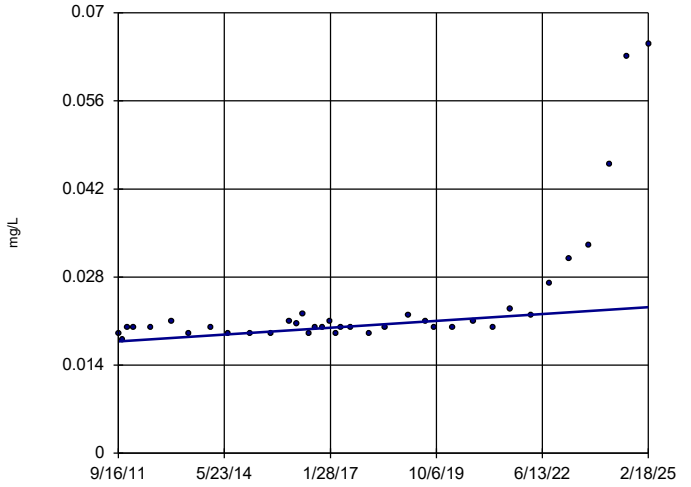
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWC-35



n = 37

Slope = 0.0004033
units per year.

Mann-Kendall
statistic = 345
critical = 199

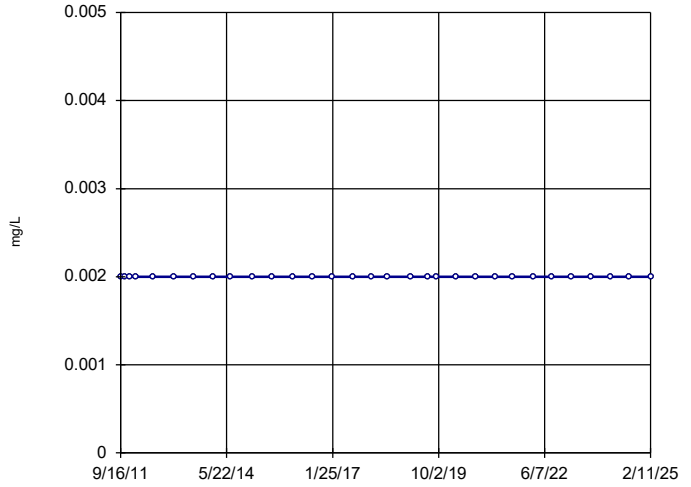
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Barium Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 31

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 152

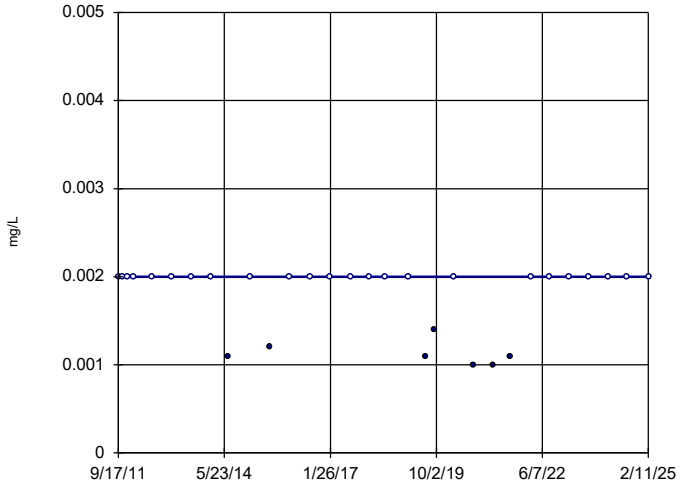
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Copper Analysis Run 4/7/2025 10:23 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 31

Slope = 0
units per year.

Mann-Kendall
statistic = -36
critical = -152

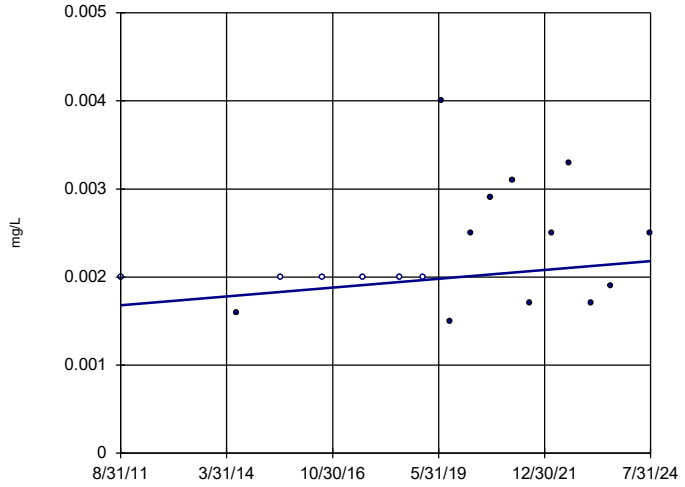
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 18

Slope = 0.00003868 units per year.

Mann-Kendall statistic = 26
critical = 68

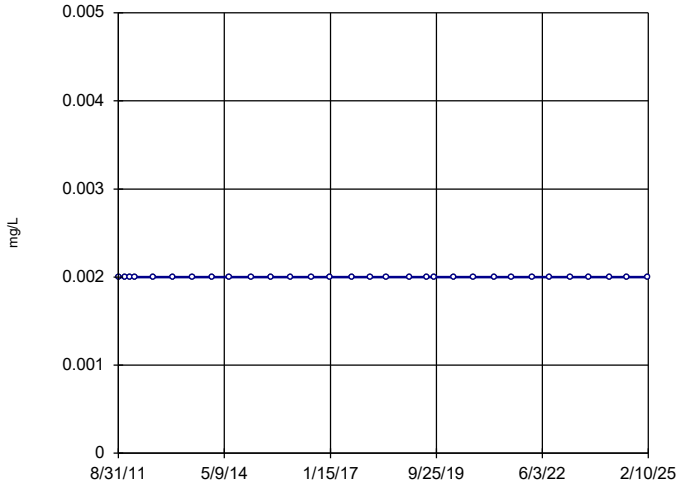
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 152

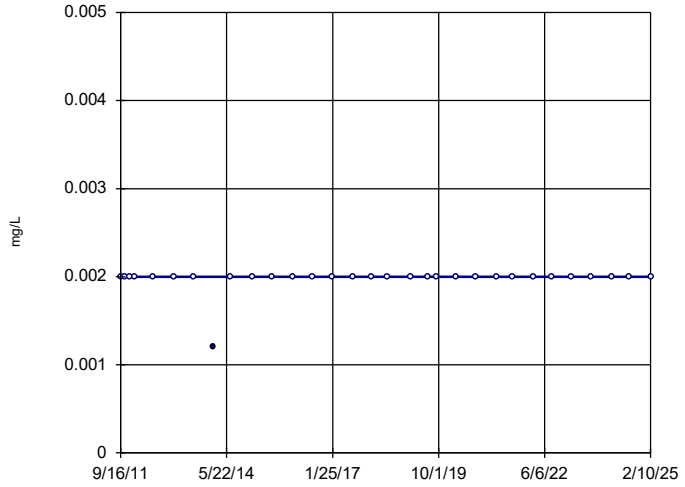
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 152

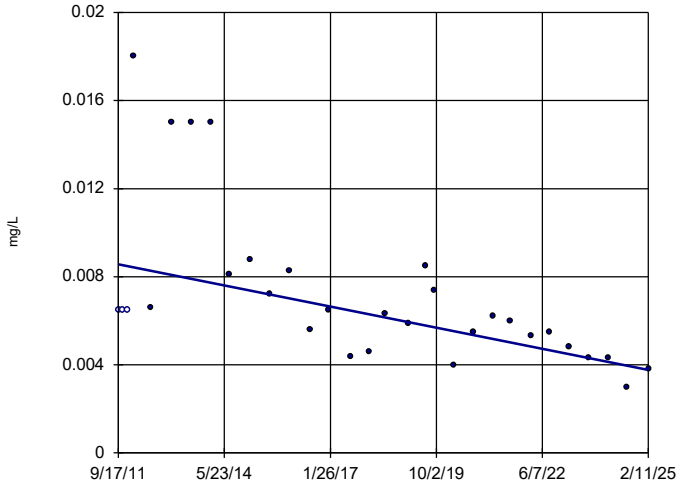
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-29 (bg)



n = 31

Slope = -0.0003573 units per year.

Mann-Kendall statistic = -260
critical = -152

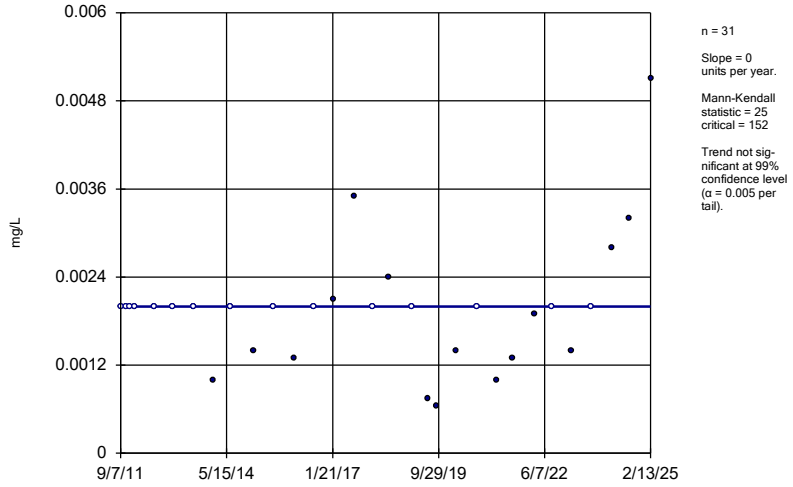
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-8

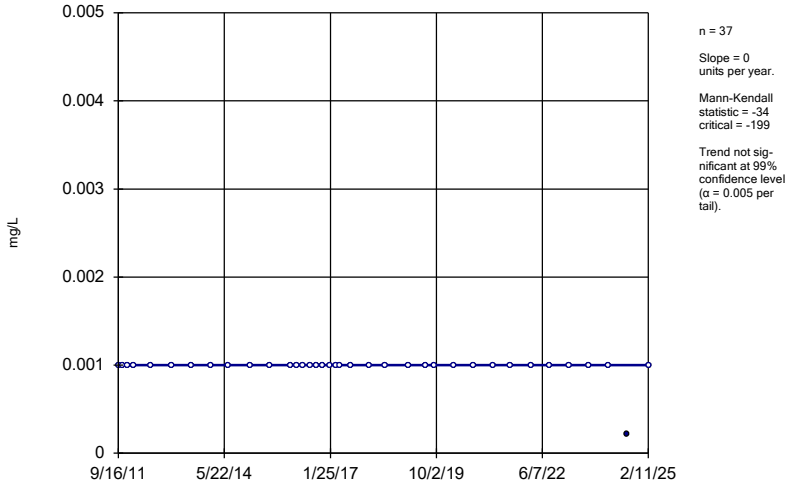


Constituent: Copper Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)

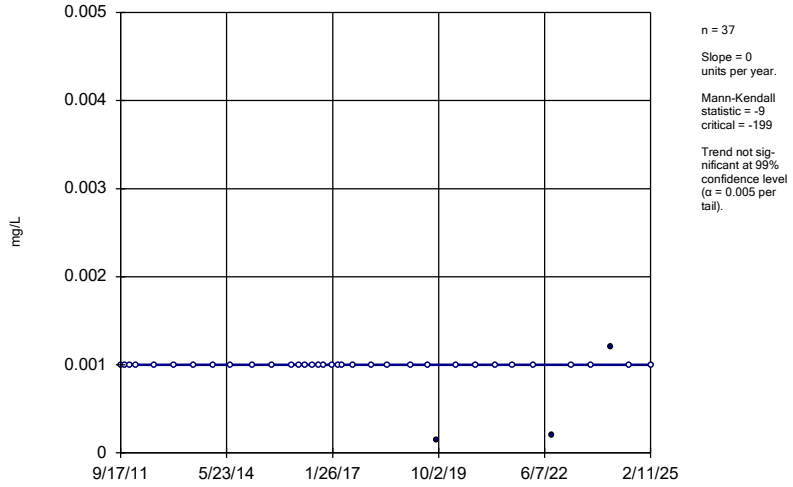


Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)

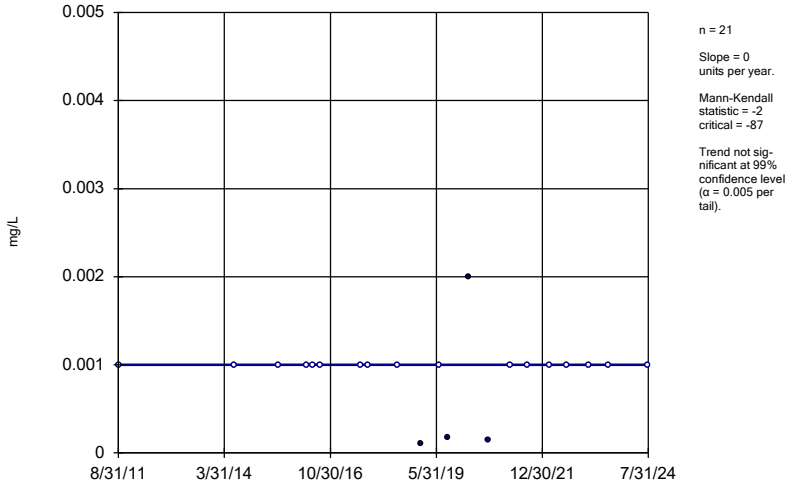


Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)

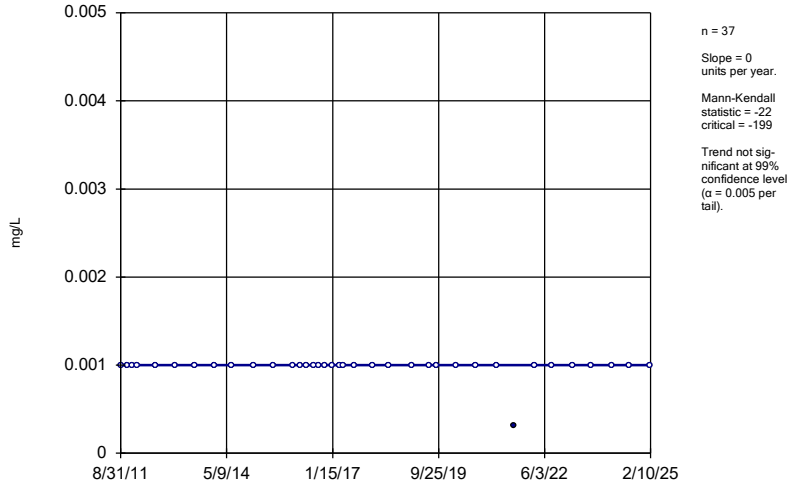


Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -22
critical = -199

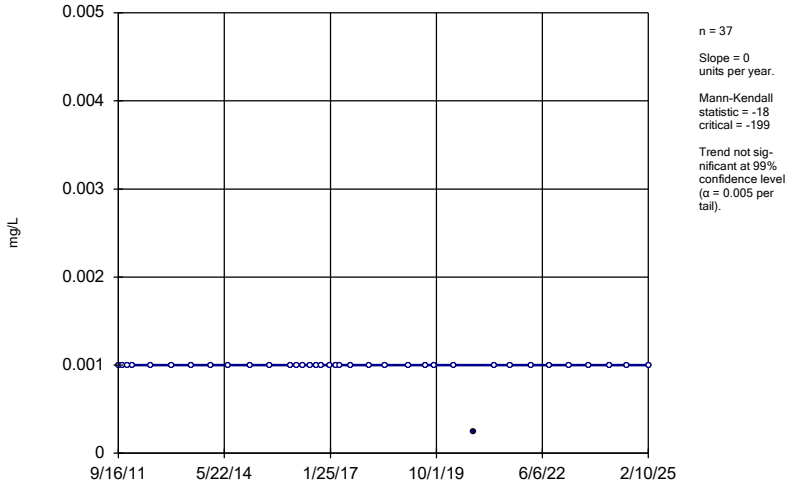
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -18
critical = -199

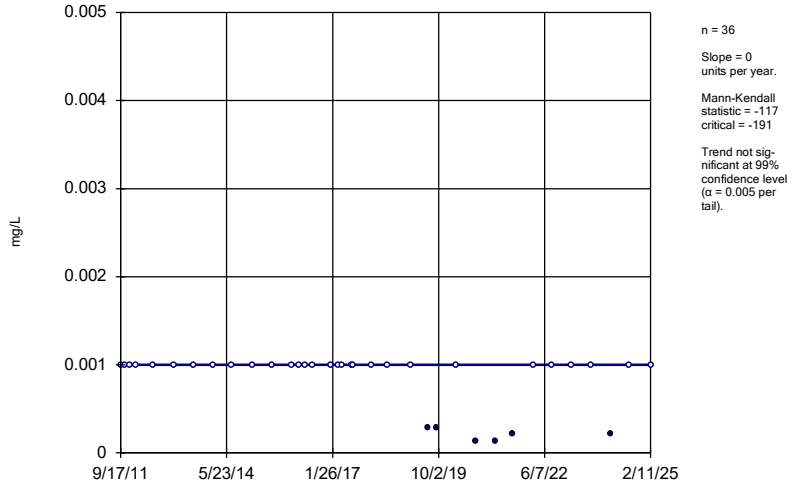
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-29 (bg)



n = 36

Slope = 0 units per year.

Mann-Kendall statistic = -117
critical = -191

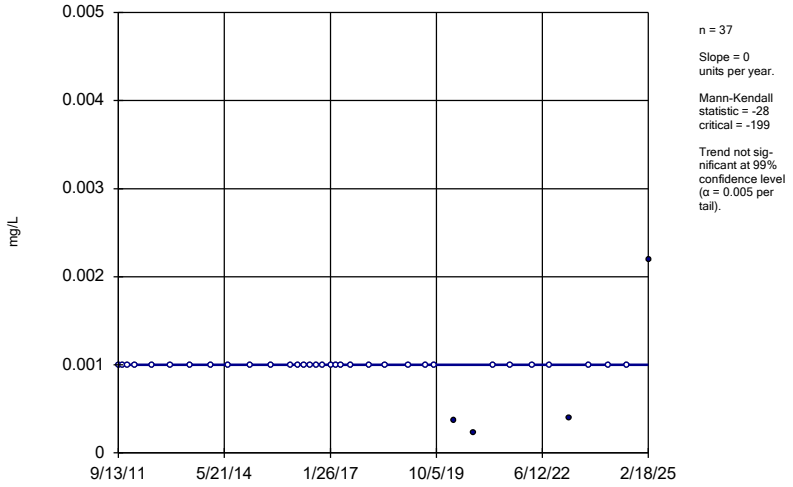
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-11



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -28
critical = -199

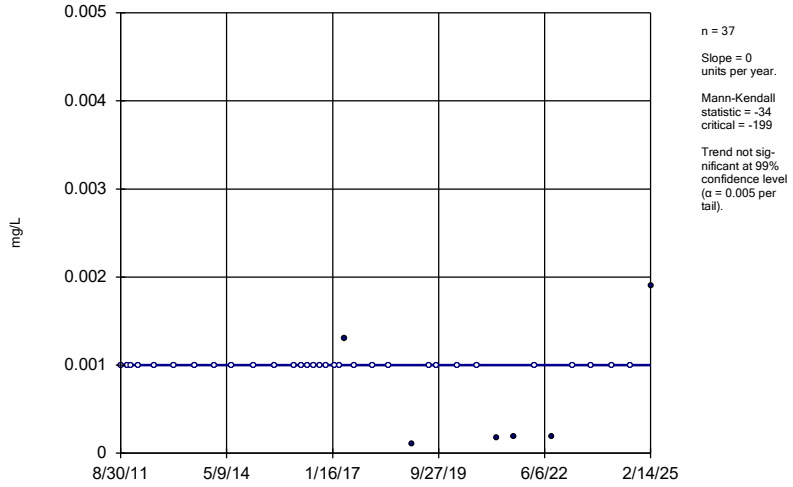
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-19

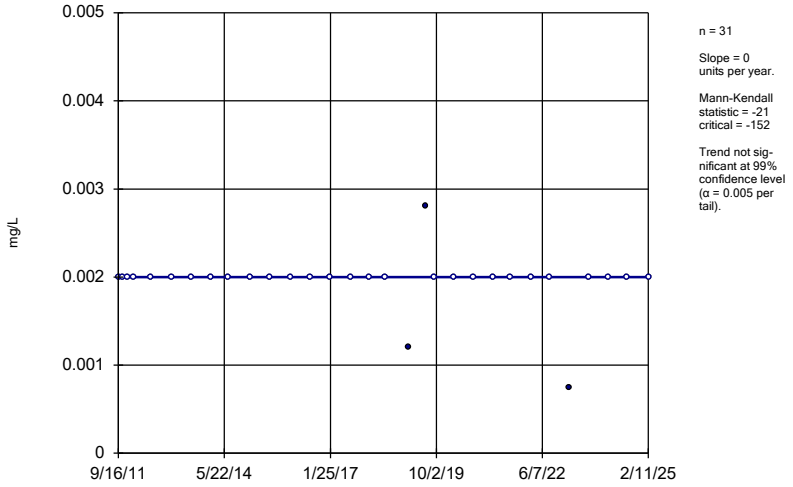


Constituent: Lead Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)

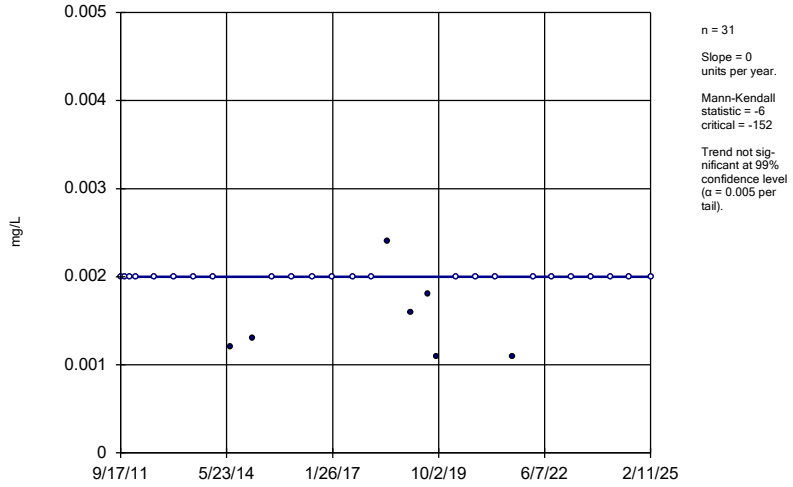


Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)

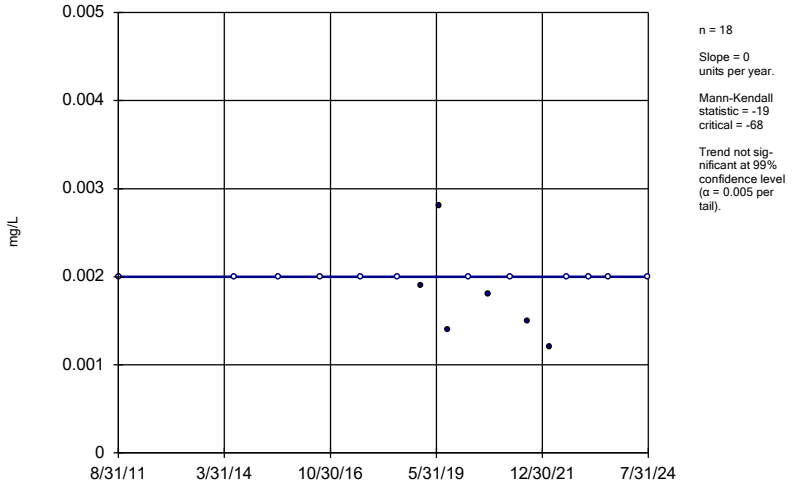


Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)

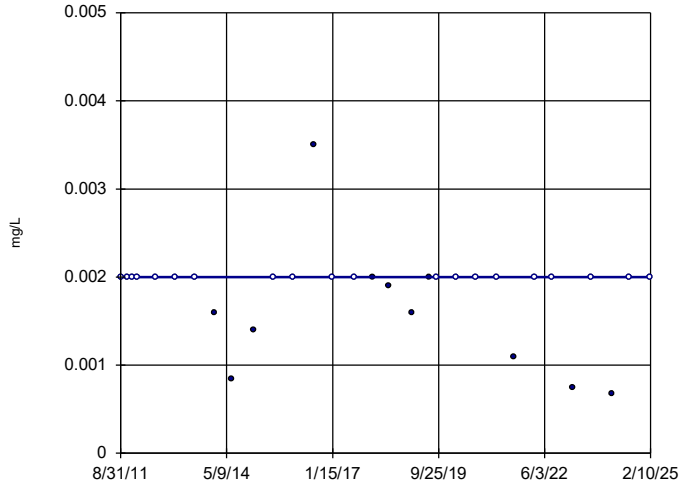


Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -45 critical = -152

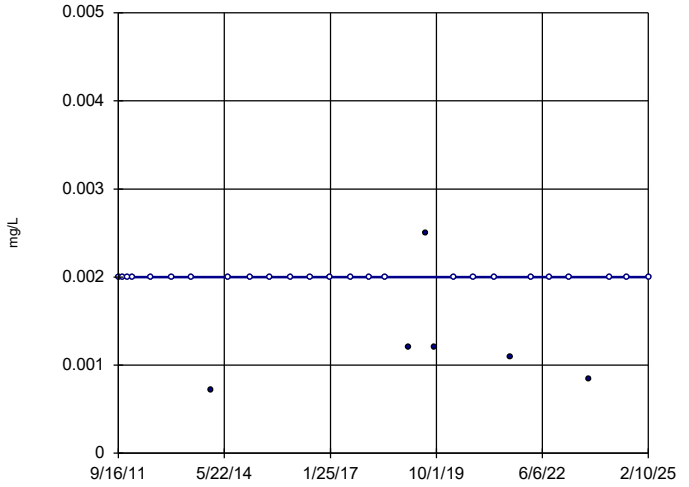
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -30 critical = -152

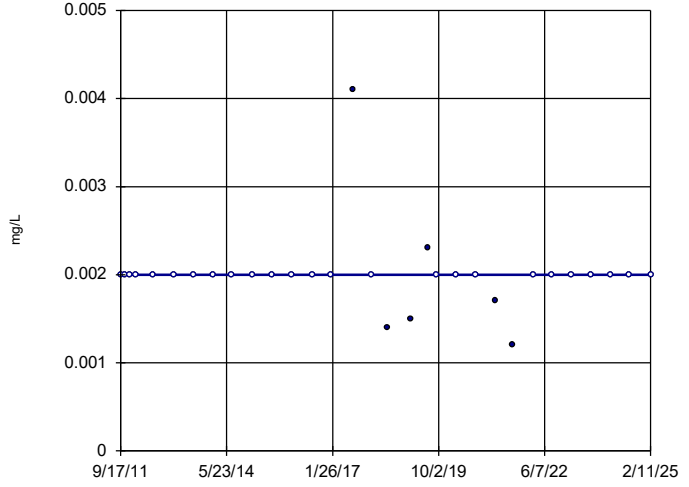
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-29 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -29 critical = -152

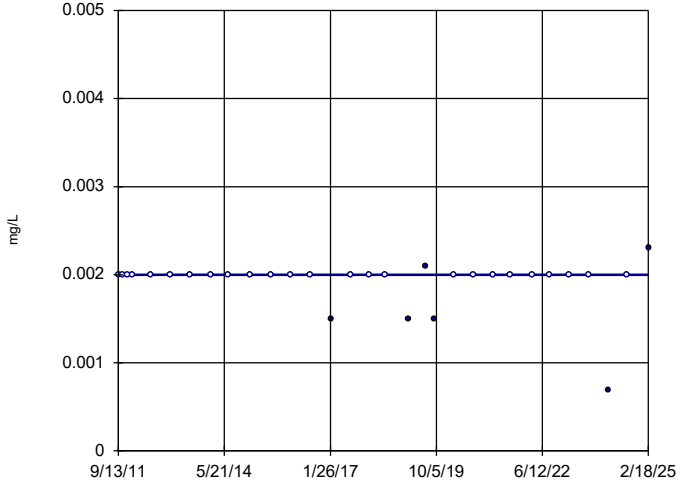
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-13



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -4 critical = -152

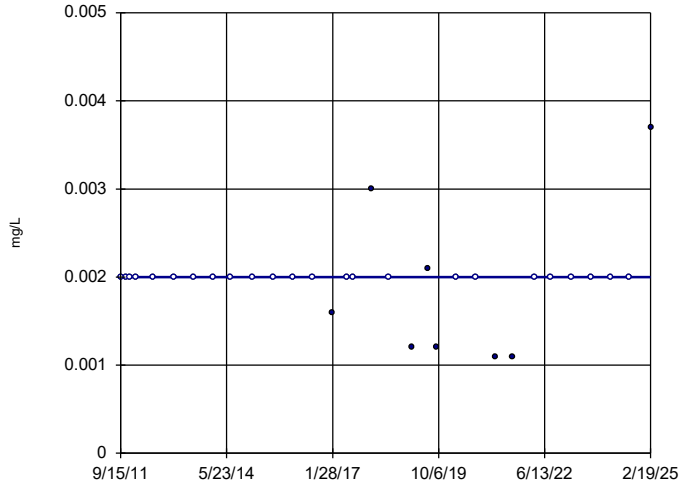
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-32



n = 32

Slope = 0 units per year.

Mann-Kendall statistic = -10
critical = -161

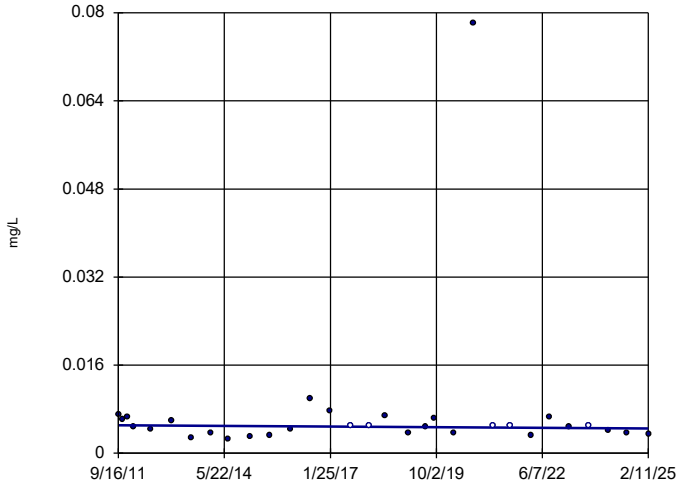
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 31

Slope = -0.00004585 units per year.

Mann-Kendall statistic = -40
critical = -152

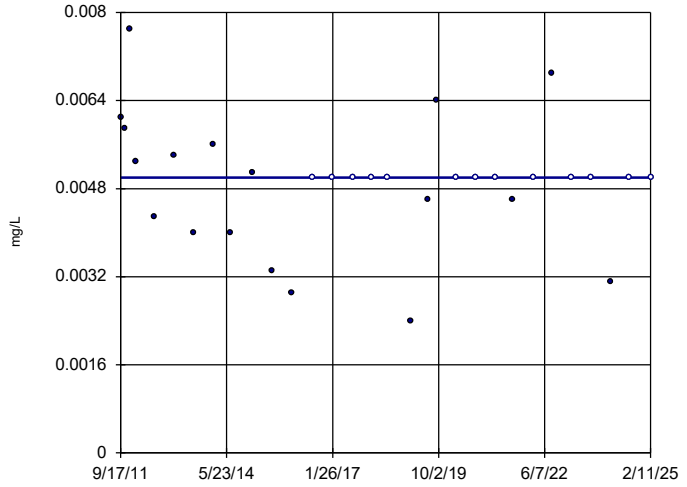
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -75
critical = -152

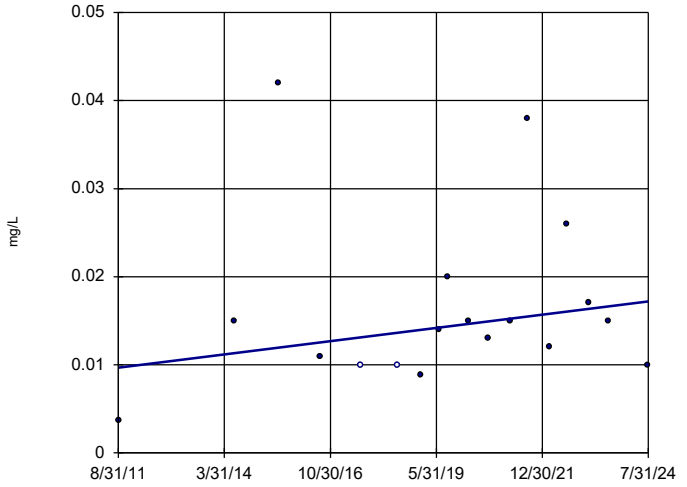
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 18

Slope = 0.0005803 units per year.

Mann-Kendall statistic = 28
critical = 68

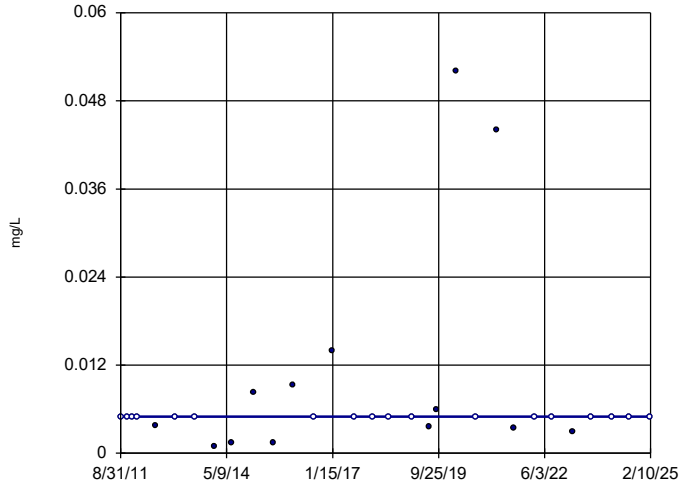
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)



n = 31

Slope = 0
units per year.

Mann-Kendall
statistic = 26
critical = 152

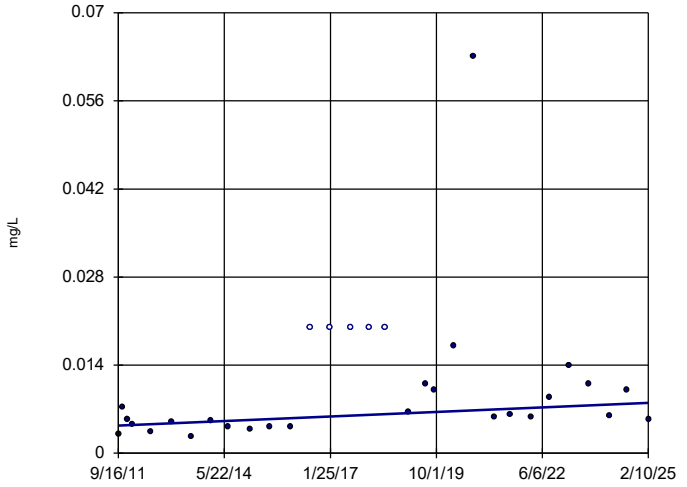
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 31

Slope = 0.0002671
units per year.

Mann-Kendall
statistic = 124
critical = 152

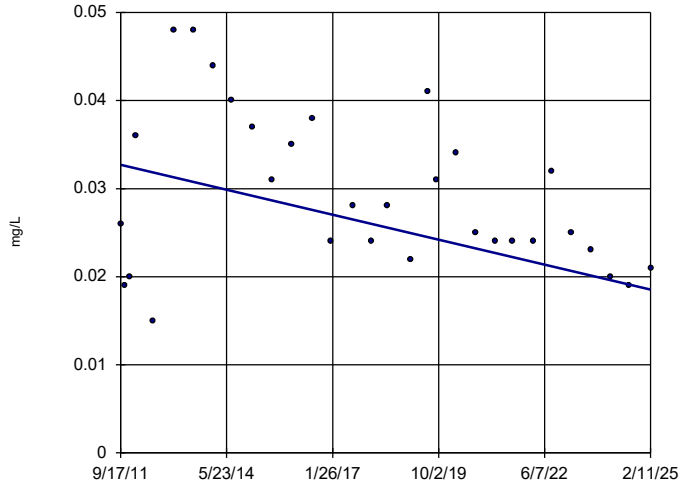
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-29 (bg)



n = 31

Slope = -0.001057
units per year.

Mann-Kendall
statistic = -139
critical = -152

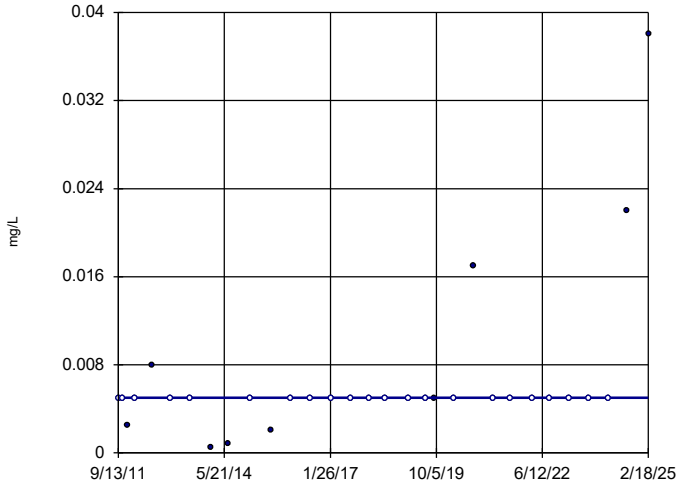
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-11



n = 31

Slope = 0
units per year.

Mann-Kendall
statistic = 110
critical = 152

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Zinc Analysis Run 4/7/2025 10:24 PM View: Appendix I - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	**GWC-9**	**6.149**	**5.312**	**2/18/2025**	**5.26**	**Yes**	**25**	**5.731**	**0.1676**	**0**	**None**	**No**	**0.0001297**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2**	**3.226**	**n/a**	**2/11/2025**	**15**	**Yes**	**23**	**1.121**	**0.2654**	**0**	**None**	**sqrt(x)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-8**	**34.34**	**n/a**	**2/13/2025**	**52**	**Yes**	**22**	**2.576**	**0.2627**	**0**	**None**	**x^(1/3)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-11**	**1.5**	**n/a**	**2/18/2025**	**1.6**	**Yes**	**22**	**n/a**	**n/a**	**72.73**	**n/a**	**n/a**	**0.003707**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-35**	**4.7**	**n/a**	**2/18/2025**	**7**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
TDS (mg/L)	**GWC-35**	**76.97**	**n/a**	**2/18/2025**	**82**	**Yes**	**23**	**37.67**	**15.45**	**4.348**	**None**	**No**	**0.0002595**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWA-1	5.782	5.022	2/11/2025	5.36	No	25	5.402	0.1523	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-2	5.975	5.343	2/11/2025	5.66	No	25	5.659	0.1265	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-4	6.597	5.917	2/10/2025	6.34	No	24	6.257	0.1349	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWA-28	6.72	5.79	2/10/2025	6.06	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-29	6.231	5.5	2/11/2025	5.85	No	23	5.866	0.1436	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-5	7.05	6.15	2/14/2025	6.21	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-6	6.5	5.71	2/18/2025	5.76	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.613	6.127	2/13/2025	6.45	No	24	6.37	0.09655	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-8	6.377	5.568	2/13/2025	5.86	No	26	5.973	0.1628	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	**GWC-9**	**6.149**	**5.312**	**2/18/2025**	**5.26**	**Yes**	**25**	**5.731**	**0.1676**	**0**	**None**	**No**	**0.0001297**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-10	6.99	5.032	2/19/2025	5.68	No	23	6.011	0.3849	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.494	5.681	2/18/2025	6.05	No	26	6.087	0.1636	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-12	7.776	6.922	2/17/2025	7.28	No	27	7.349	0.1728	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-13	7.49	6.52	2/18/2025	6.54	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.299	4.603	2/17/2025	5.94	No	26	5.451	0.3411	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-15	7.24	6.31	2/18/2025	6.45	No	27	n/a	n/a	0	n/a	n/a	0.005004	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-16	6.382	5.815	2/11/2025	6.15	No	24	6.099	0.1125	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-17	6.456	5.903	2/13/2025	6	No	26	6.18	0.1113	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-18	6.191	5.676	2/13/2025	5.89	No	23	5.933	0.1011	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-19	6.199	5.552	2/14/2025	5.79	No	25	5.876	0.1295	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-20	6.91	6.01	2/14/2025	6.1	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-21	5.976	5.105	2/11/2025	5.79	No	24	5.54	0.1727	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-22	6.968	6.226	2/11/2025	6.54	No	25	6.597	0.1485	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-23	6.382	5.547	2/11/2025	5.91	No	24	5.964	0.1655	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-24	6.525	4.411	2/14/2025	5.16	No	22	5.468	0.4119	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-25	7.126	5.124	2/14/2025	6.12	No	27	6.125	0.4049	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-26	6.038	5.52	2/13/2025	5.7	No	24	n/a	n/a	0	n/a	n/a	0.006247	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-27	5.965	5.152	2/11/2025	5.51	No	25	5.558	0.1629	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-30	6.78	5.77	2/13/2025	6.12	No	25	n/a	n/a	0	n/a	n/a	0.005664	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-31	6.423	5.765	2/18/2025	6	No	25	6.094	0.1317	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-32	6.378	5.838	2/19/2025	6.03	No	23	6.108	0.106	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-33	6.932	5.716	2/19/2025	6.2	No	25	6.324	0.2435	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-34	6.236	5.539	2/13/2025	6	No	24	5.887	0.1382	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (SU)	GWC-35	5.874	5.253	2/18/2025	5.44	No	24	5.563	0.1233	0	None	No	0.0001297	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	1.7	n/a	2/11/2025	0.44J	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWA-2**	**3.226**	**n/a**	**2/11/2025**	**15**	**Yes**	**23**	**1.121**	**0.2654**	**0**	**None**	**sqrt(x)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWA-4	15	n/a	2/10/2025	11	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-28	2.588	n/a	2/10/2025	1	No	24	1.089	0.206	4.167	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWA-29	26	n/a	2/11/2025	5.4	No	24	n/a	n/a	0	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	36.29	n/a	2/14/2025	35	No	16	27.63	3.138	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	30	n/a	2/18/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-7	63.97	n/a	2/13/2025	36	No	9	43.78	5.652	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-8**	**34.34**	**n/a**	**2/13/2025**	**52**	**Yes**	**22**	**2.576**	**0.2627**	**0**	**None**	**x^(1/3)**	**0.0002595**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-9	40.67	n/a	2/18/2025	14	No	23	4.09	0.8992	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	25.15	n/a	2/19/2025	10	No	11	12.35	4.014	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-11**	**1.5**	**n/a**	**2/18/2025**	**1.6**	**Yes**	**22**	**n/a**	**n/a**	**72.73**	**n/a**	**n/a**	**0.003707**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-12	45.86	n/a	2/17/2025	37	No	11	29.73	5.061	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-13	4.05	n/a	2/18/2025	2.3	No	23	1.596	0.1639	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	35.58	n/a	2/17/2025	7.8	No	23	3.618	0.9225	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-15	2.901	n/a	2/18/2025	2.4	No	23	1.584	0.518	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16	1.1	n/a	2/11/2025	1.1	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-17	5	n/a	2/13/2025	0.84J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	1.1	n/a	2/13/2025	0.71J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	2.627	n/a	2/14/2025	1.3	No	22	-0.2904	0.4895	31.82	Kaplan-Meier	ln(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	1.455	n/a	2/14/2025	0.65J	No	23	0.8776	0.2268	8.696	None	No	0.0002595	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:25 PM

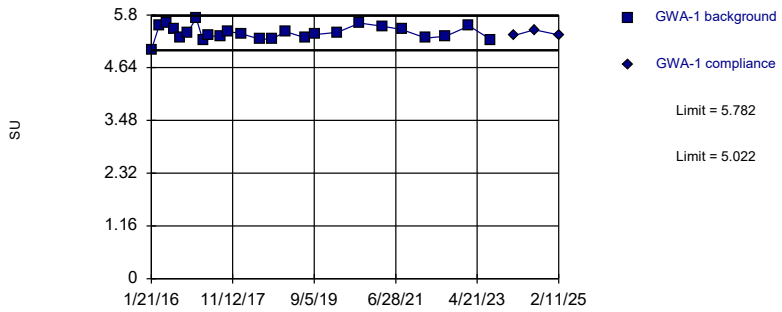
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-21	10	n/a	2/11/2025	0.46J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-22	1.2	n/a	2/11/2025	0.87J	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-23	1	n/a	2/11/2025	0.73J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-24	2.3	n/a	2/14/2025	0.57J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-25	20.17	n/a	2/14/2025	6.3	No	20	8.151	4.604	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-26	1.8	n/a	2/13/2025	0.53J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-27	3.795	n/a	2/11/2025	1.9	No	24	1.617	0.8639	8.333	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-30	3.3	n/a	2/13/2025	1.2	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-31	22.02	n/a	2/18/2025	8.8	No	19	12.87	3.453	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-32	14.17	n/a	2/19/2025	7.2	No	24	10.08	1.625	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-33	22.45	n/a	2/19/2025	8.6	No	16	3.242	0.5416	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate (mg/L)	GWC-34	3.8	n/a	2/13/2025	1.3	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-35**	**4.7**	**n/a**	**2/18/2025**	**7**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
TDS (mg/L)	GWA-1	34.16	n/a	2/11/2025	22	No	23	11.81	8.787	30.43	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-2	84.54	n/a	2/11/2025	57	No	23	35.72	19.19	13.04	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-4	210.8	n/a	2/10/2025	170	No	23	158.4	20.57	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-28	113.2	n/a	2/10/2025	91	No	23	64.13	19.3	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWA-29	139.2	n/a	2/11/2025	84	No	23	78.22	23.96	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-5	272.3	n/a	2/14/2025	220	No	23	184.4	34.58	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-6	187.7	n/a	2/18/2025	120	No	23	117.1	27.73	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-7	485.3	n/a	2/13/2025	320	No	18	391.7	34.85	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-8	271	n/a	2/13/2025	160	No	23	173	38.56	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-9	254.7	n/a	2/18/2025	75	No	21	140	44.34	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-10	282.1	n/a	2/19/2025	120	No	23	154.2	50.29	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-11	297.9	n/a	2/18/2025	130	No	23	146.9	59.38	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-12	291.4	n/a	2/17/2025	260	No	23	197.7	36.87	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-13	88.74	n/a	2/18/2025	63	No	23	50.91	14.87	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-14	565.7	n/a	2/17/2025	230	No	23	305.1	102.4	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-15	114.8	n/a	2/18/2025	100	No	23	80.39	13.53	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-16	118.6	n/a	2/11/2025	110	No	23	6575	2941	0	None	x^2	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-17	128.2	n/a	2/13/2025	120	No	23	8817	2991	0	None	x^2	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-18	117.8	n/a	2/13/2025	96	No	23	77.87	15.68	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-19	115	n/a	2/14/2025	77	No	23	64.22	19.97	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-20	122.5	n/a	2/14/2025	99	No	24	90.17	12.82	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-21	91.2	n/a	2/11/2025	68	No	24	49.92	16.38	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-22	126.4	n/a	2/11/2025	110	No	23	1051424	380214	4.348	None	x^3	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-23	73.69	n/a	2/11/2025	43	No	22	36.77	14.39	4.545	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-24	43.69	n/a	2/14/2025	26	No	23	22.78	8.218	8.696	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-25	124.3	n/a	2/14/2025	75	No	23	76.87	18.64	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-26	86.86	n/a	2/13/2025	39	No	23	37.98	19.22	4.348	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-27	79.04	n/a	2/11/2025	40	No	23	35.09	17.28	13.04	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-30	80.74	n/a	2/13/2025	57	No	23	43.83	14.51	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-31	158.7	n/a	2/18/2025	79	No	19	102.5	21.22	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-32	136	n/a	2/19/2025	80	No	24	88.83	18.71	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-33	156.2	n/a	2/19/2025	95	No	24	100.4	22.14	0	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	GWC-34	99.11	n/a	2/13/2025	52	No	23	43.48	21.87	8.696	None	No	0.0002595	Param Intra 1 of 2
TDS (mg/L)	**GWC-35**	**76.97**	**n/a**	**2/18/2025**	**82**	**Yes**	**23**	**37.67**	**15.45**	**4.348**	**None**	**No**	**0.0002595**	**Param Intra 1 of 2**

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.402, Std. Dev.=0.1523, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9698, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

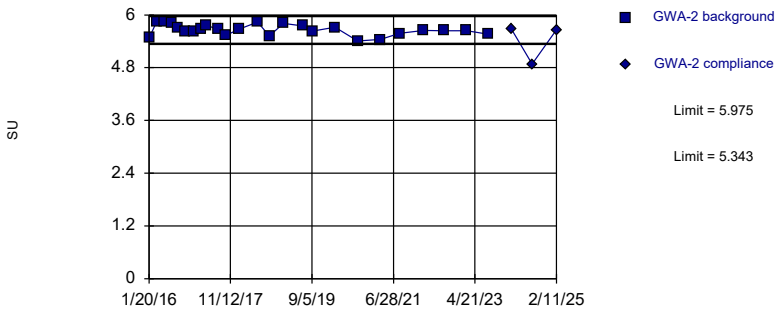
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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.659, Std. Dev.=0.1265, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

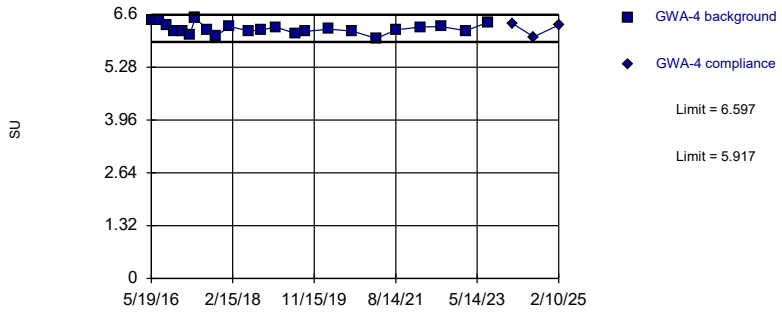
Constituent: pH, Field Analysis Run 7/30/2025 2:21 PM View: Appendix III - Intrawell
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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.257, Std. Dev.=0.1349, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9534, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

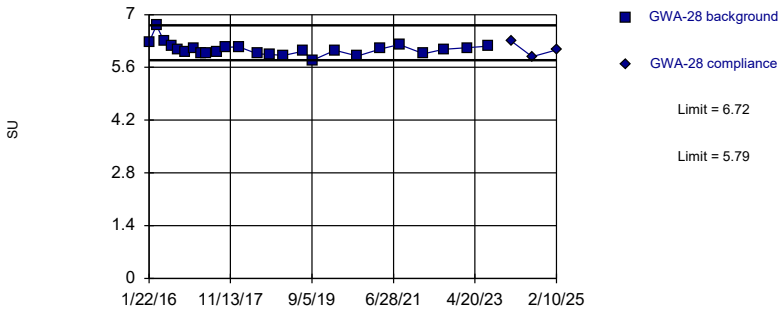
Constituent: pH, Field Analysis Run 7/30/2025 2:21 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 25 background values. Well-constituent pair annual alpha = 0.01131. Individual comparison alpha = 0.005664 (1 of 2).

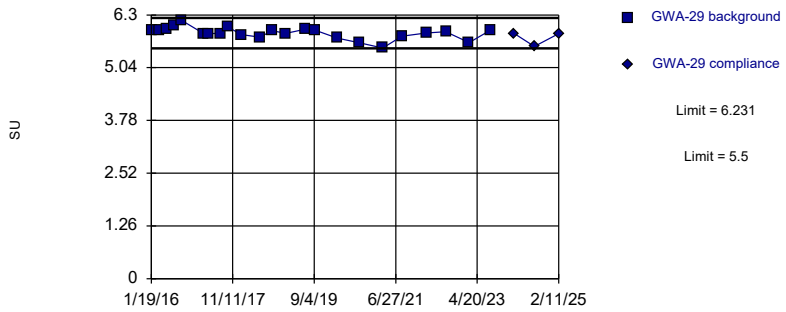
Constituent: pH, Field Analysis Run 7/30/2025 2:21 PM View: Appendix III - Intrawell
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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.866, Std. Dev.=0.1436, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9527, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

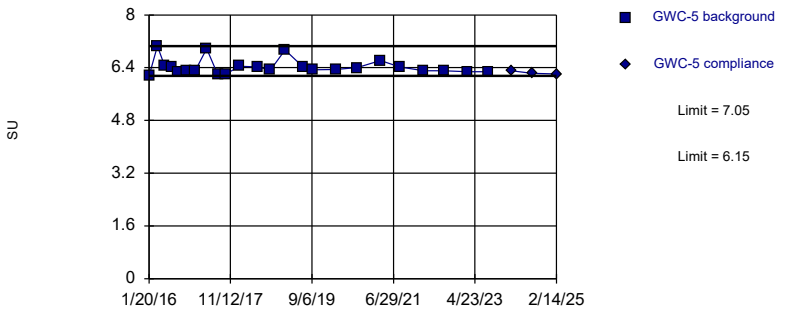
Constituent: pH, Field Analysis Run 7/30/2025 2:21 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

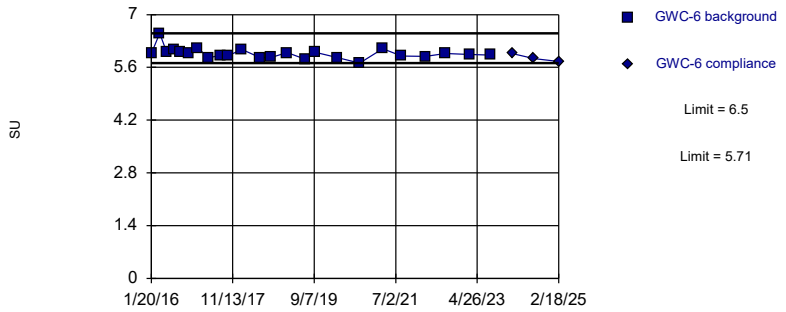
Constituent: pH, Field Analysis Run 7/30/2025 2:21 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

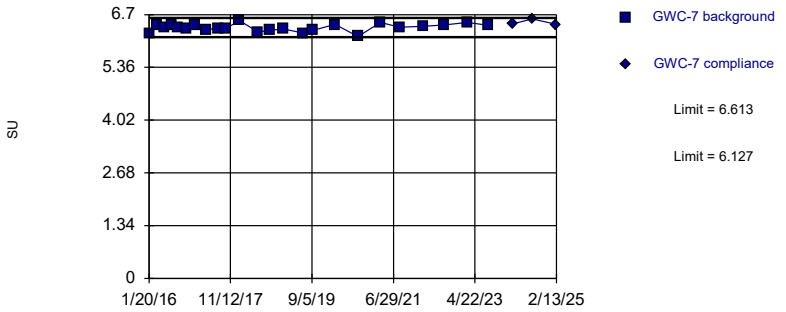
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.37, Std. Dev.=0.09655, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9819, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

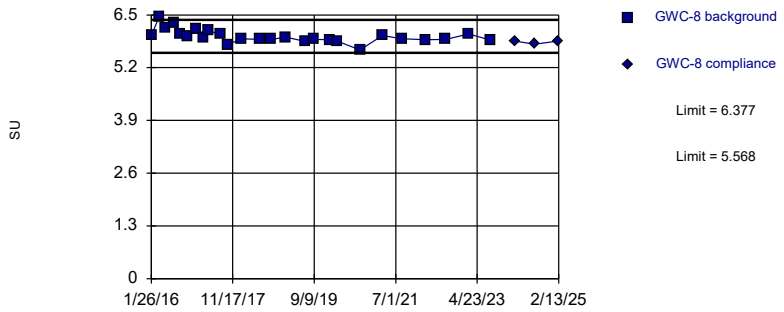
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.973, Std. Dev.=0.1628, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9095, critical = 0.891. Kappa = 2.485 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

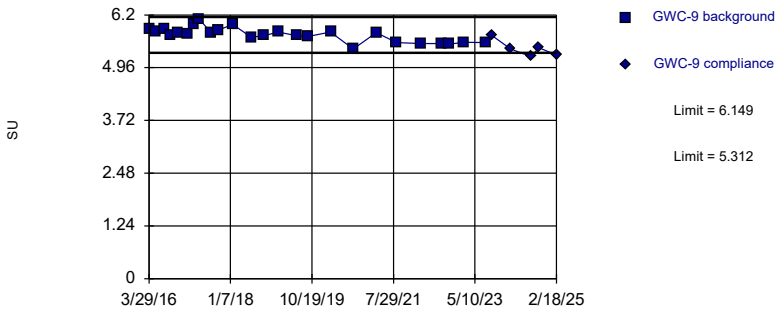
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.731, Std. Dev.=0.1676, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9717, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

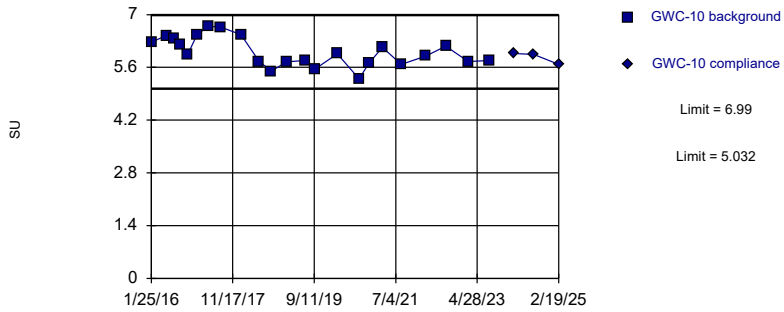
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.011, Std. Dev.=0.3849, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

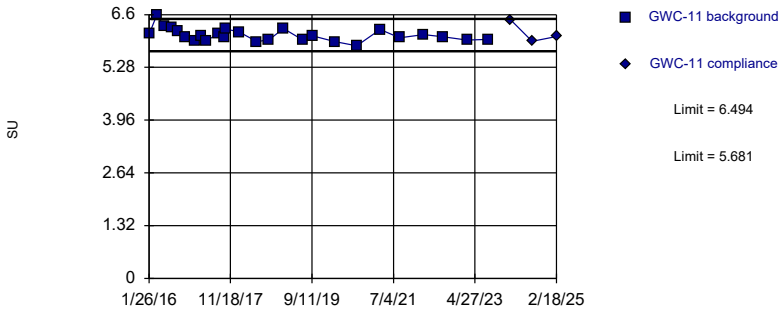
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.087, Std. Dev.=0.1636, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9242, critical = 0.891. Kappa = 2.485 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

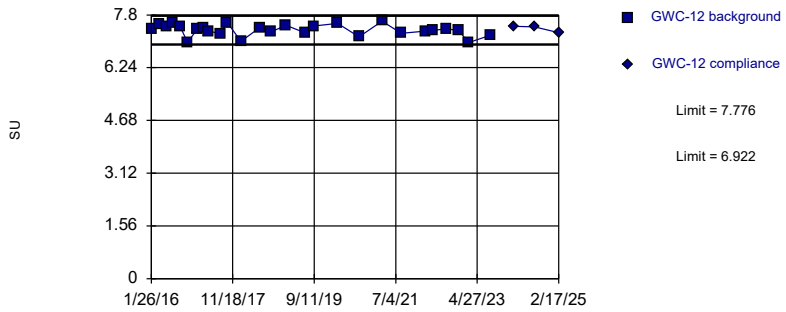
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.349, Std. Dev.=0.1728, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.894. Kappa = 2.472 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

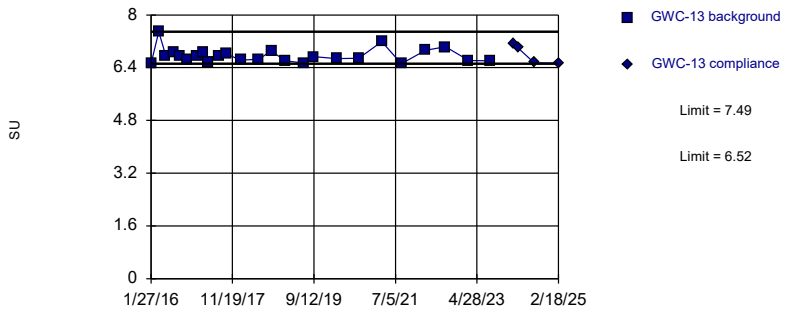
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 25 background values. Well-constituent pair annual alpha = 0.01131. Individual comparison alpha = 0.005664 (1 of 2).

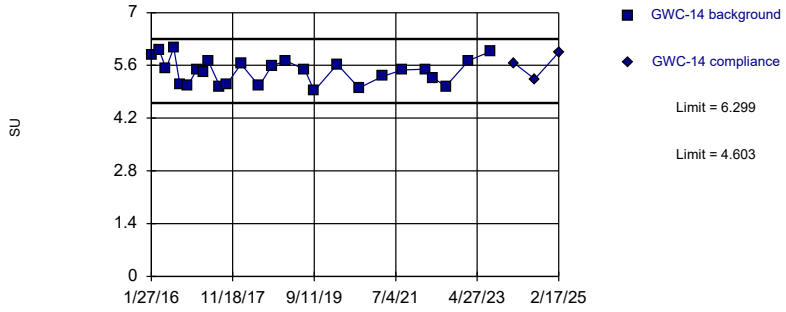
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.451, Std. Dev.=0.3411, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9422, critical = 0.891. Kappa = 2.485 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

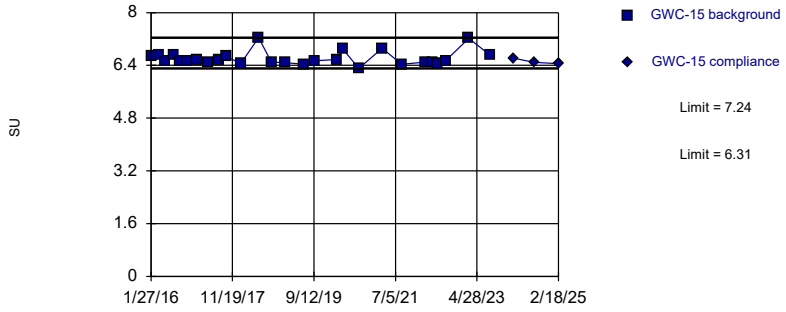
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 27 background values. Well-constituent pair annual alpha = 0.009996. Individual comparison alpha = 0.005004 (1 of 2).

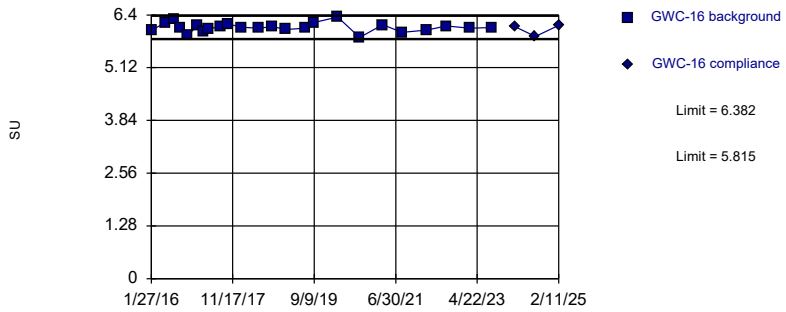
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.099, Std. Dev.=0.1125, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9735, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

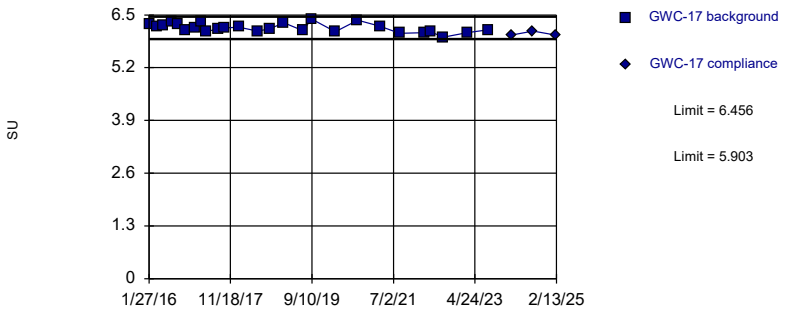
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.18, Std. Dev.=0.1113, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9721, critical = 0.891. Kappa = 2.485 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

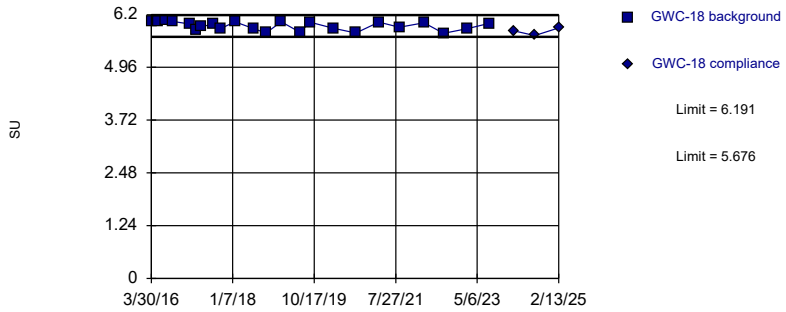
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.933, Std. Dev.=0.1011, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

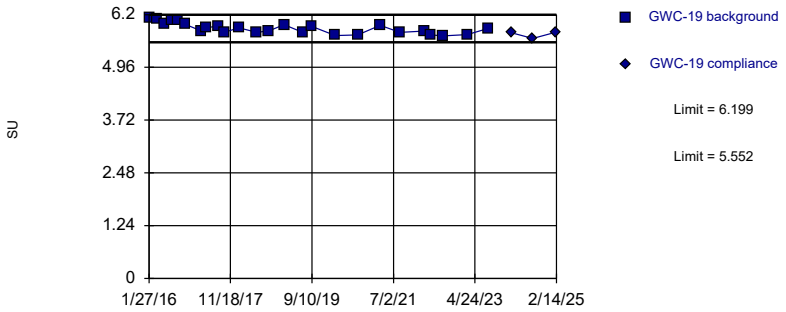
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.876, Std. Dev.=0.1295, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9418, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

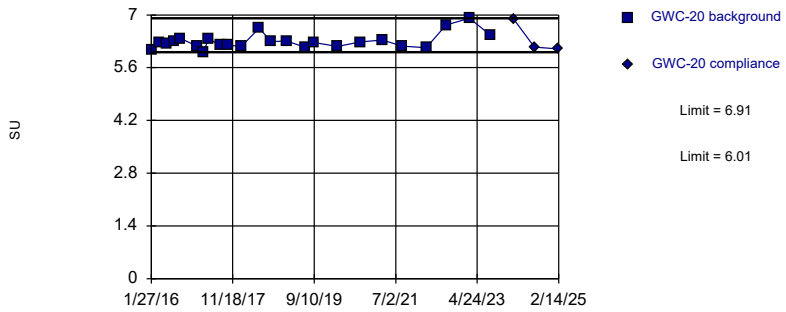
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

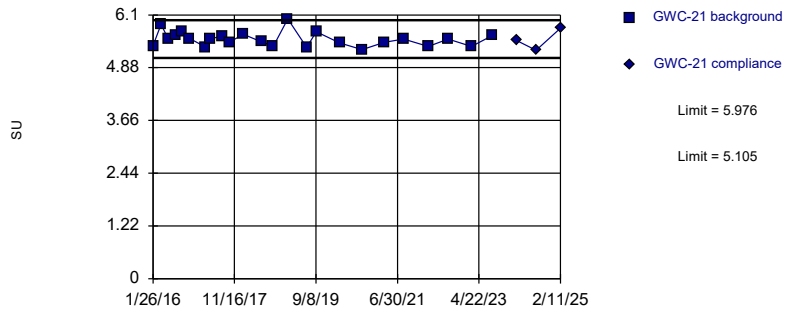
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.54, Std. Dev.=0.1727, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9248, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

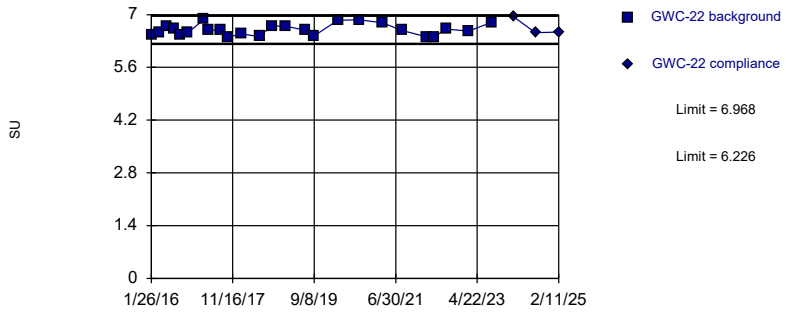
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.597, Std. Dev.=0.1485, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

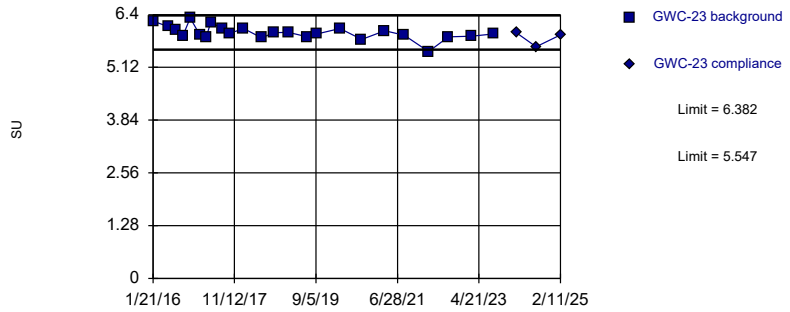
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.964, Std. Dev.=0.1655, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

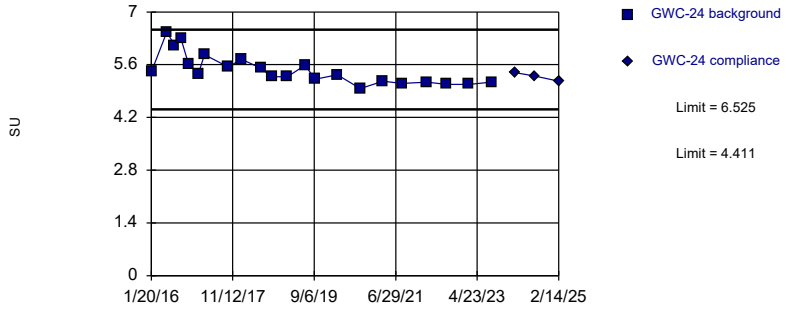
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.468, Std. Dev.=0.4119, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8854, critical = 0.878. Kappa = 2.566 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

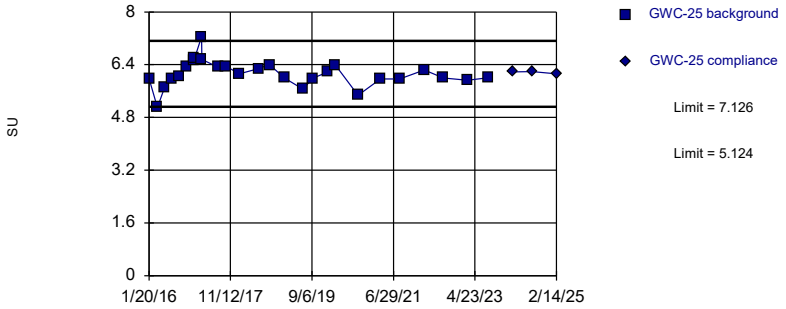
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.125, Std. Dev.=0.4049, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9479, critical = 0.894. Kappa = 2.472 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

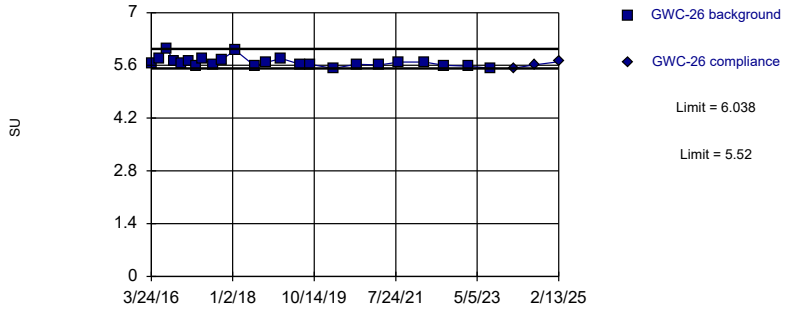
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 24 background values. Well-constituent pair annual alpha = 0.01248. Individual comparison alpha = 0.006247 (1 of 2).

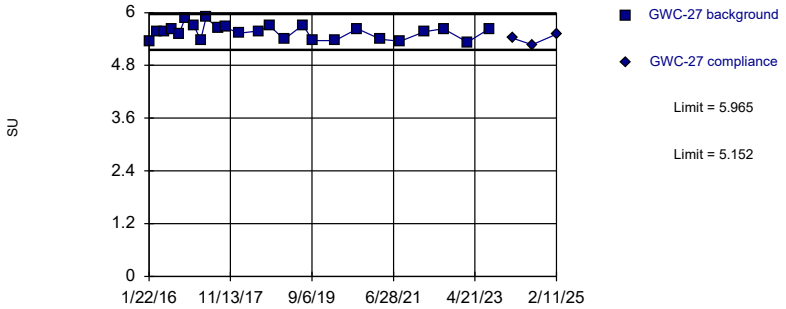
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.558, Std. Dev.=0.1629, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9217, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

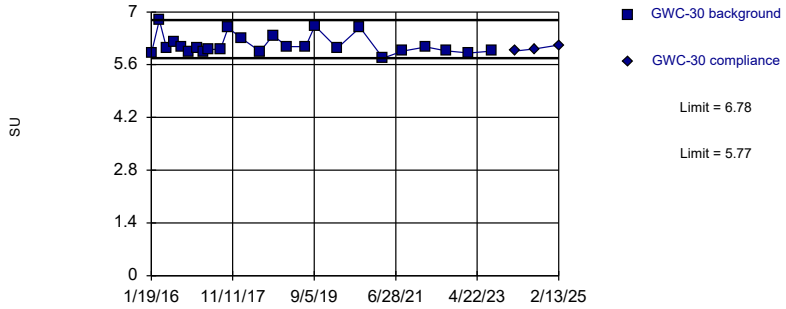
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 25 background values. Well-constituent pair annual alpha = 0.01131. Individual comparison alpha = 0.005664 (1 of 2).

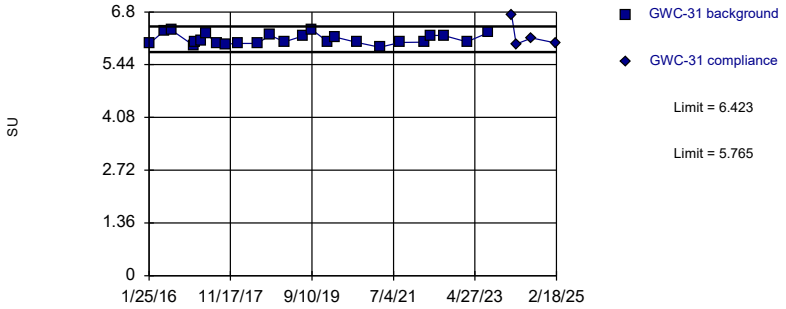
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.094, Std. Dev.=0.1317, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9115, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

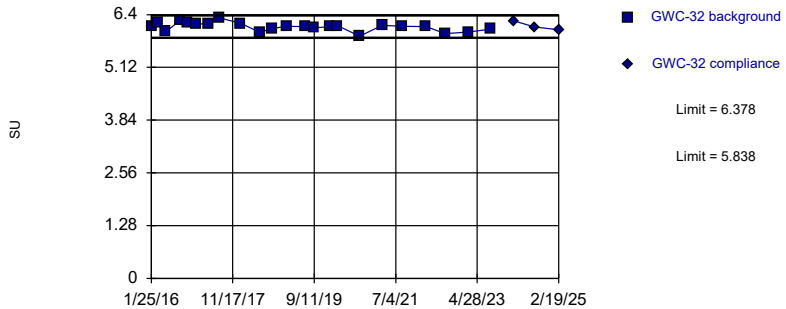
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.108, Std. Dev.=0.106, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9779, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

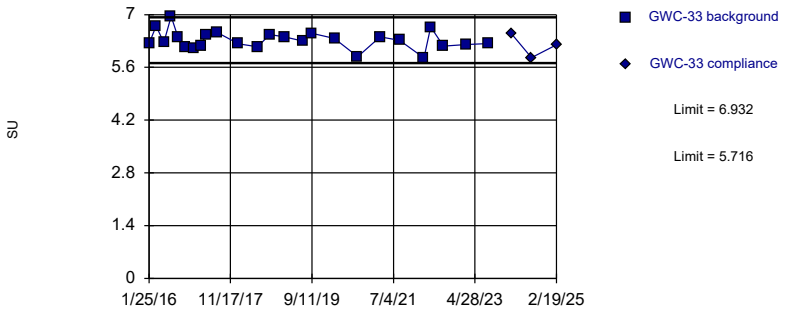
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.324, Std. Dev.=0.2435, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.888. Kappa = 2.499 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

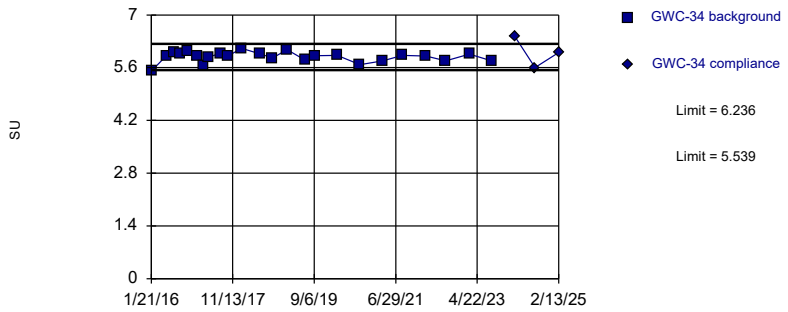
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.887, Std. Dev.=0.1382, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9359, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

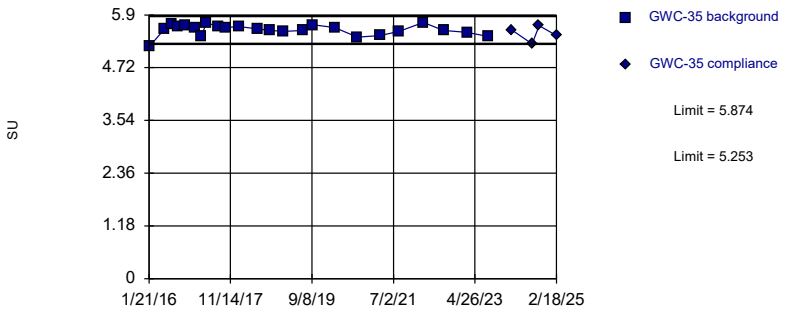
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.563, Std. Dev.=0.1233, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9133, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

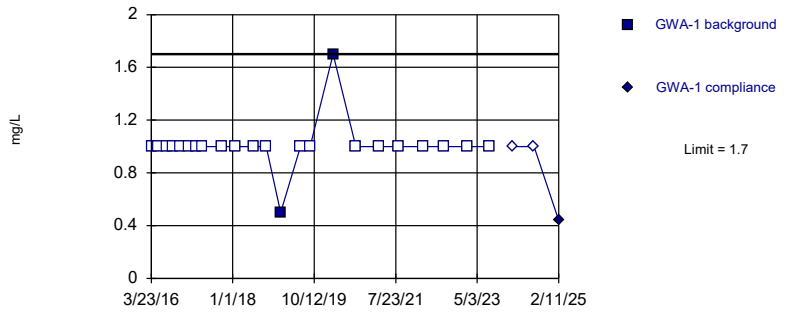
Constituent: pH, Field Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

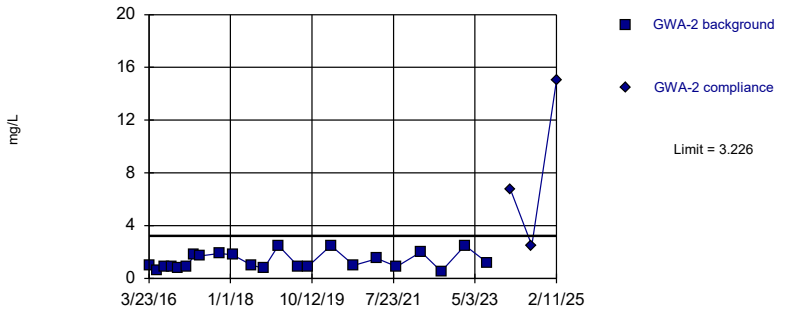
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.121, Std. Dev.=0.2654, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8964, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

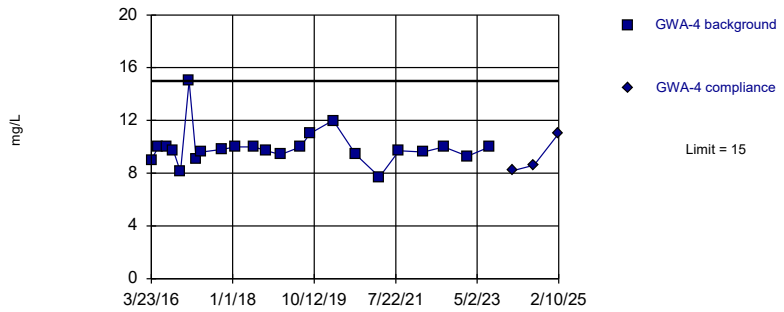
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

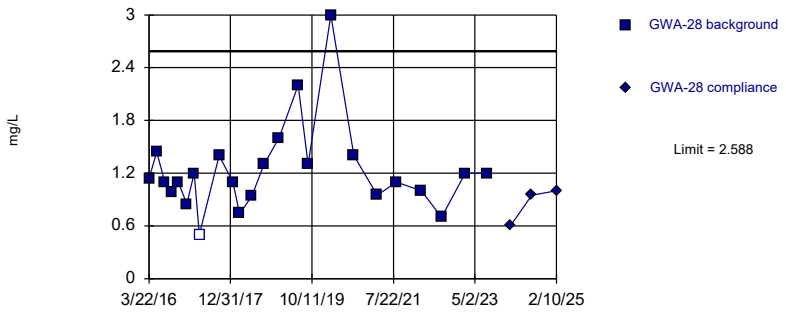
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.089, Std. Dev.=0.206, n=24, 4.167% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8934, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

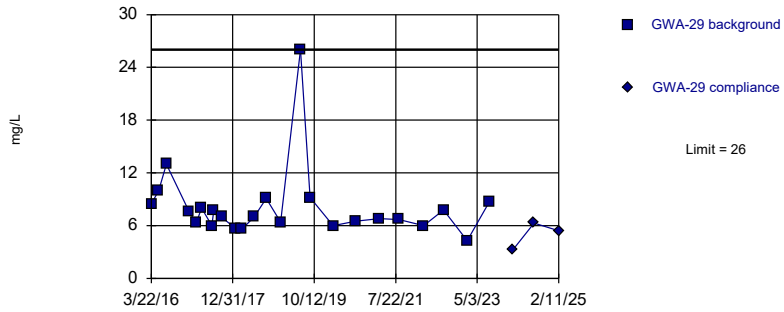
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

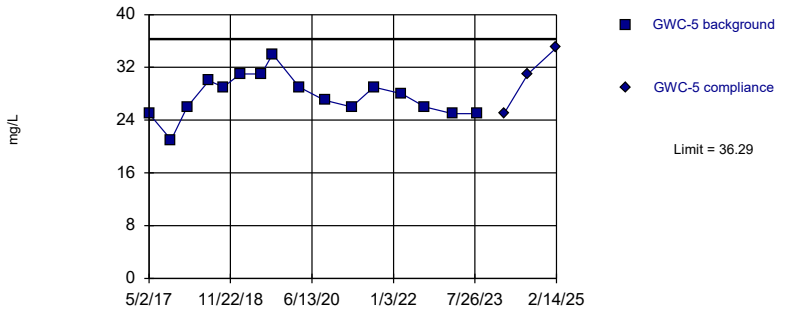
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=27.63, Std. Dev.=3.138, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9685, critical = 0.887. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

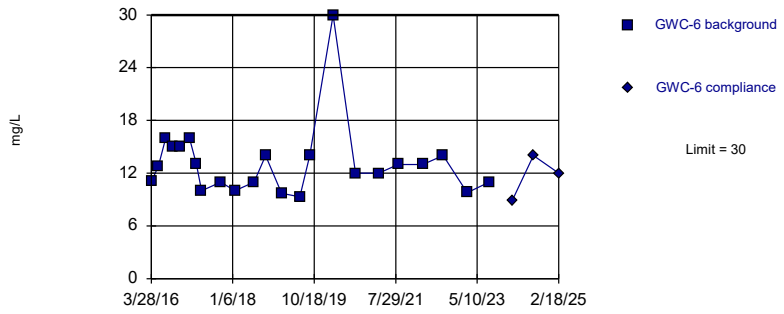
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

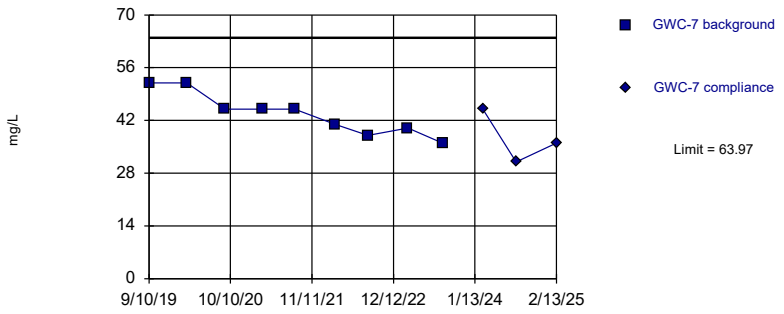
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=43.78, Std. Dev.=5.652, n=9. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9195, critical = 0.859. Kappa = 3.572 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

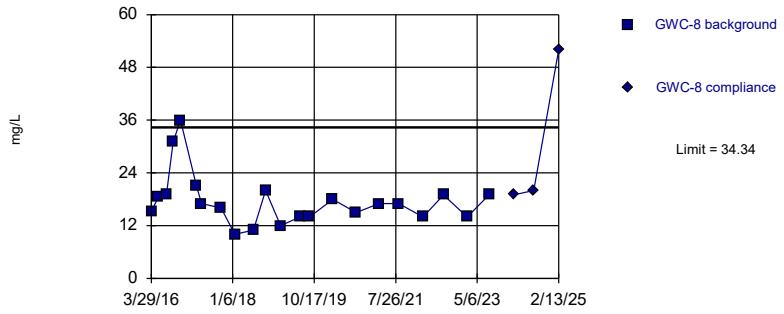
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=2.576, Std. Dev.=0.2627, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8973, critical = 0.878. Kappa = 2.566 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

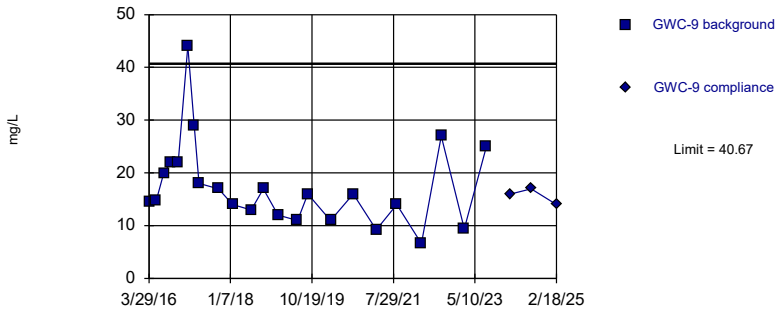
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=4.09, Std. Dev.=0.8992, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9495, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

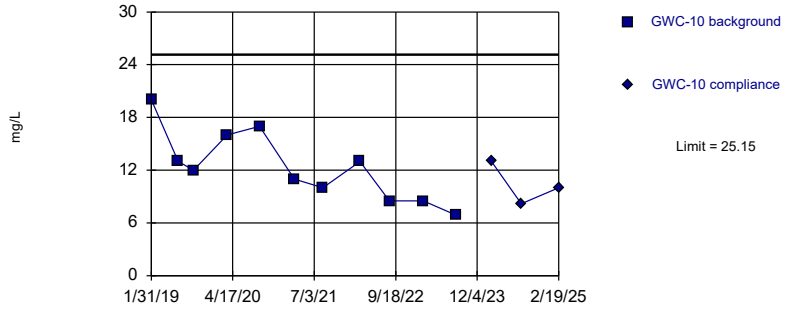
Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.35, Std. Dev.=4.014, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.957, critical = 0.85. Kappa = 3.188 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

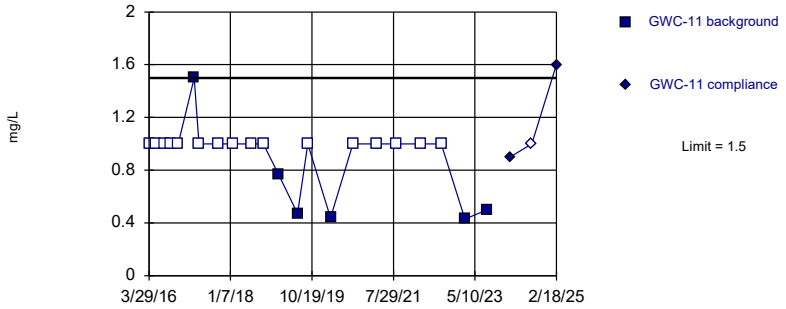
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

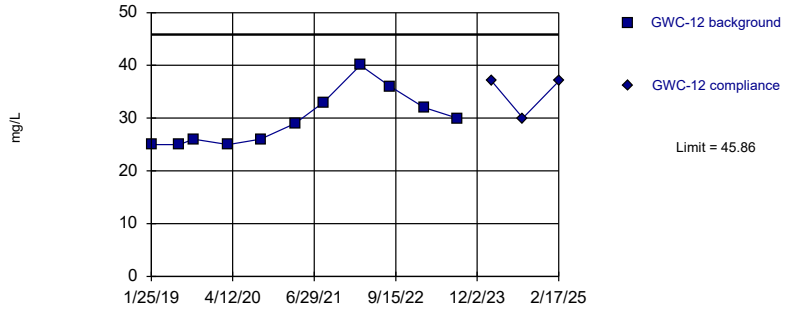
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=29.73, Std. Dev.=5.061, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8773, critical = 0.85. Kappa = 3.188 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

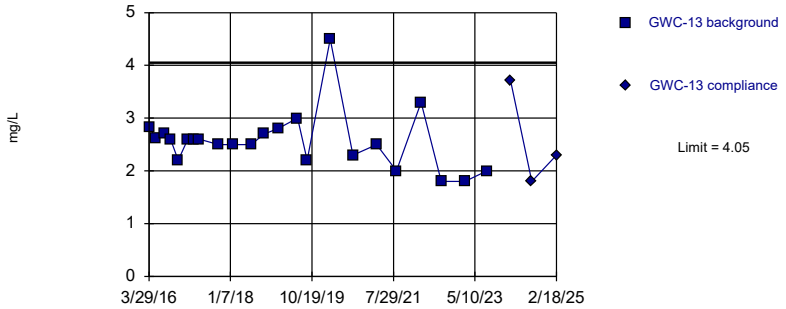
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.596, Std. Dev.=0.1639, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8828, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

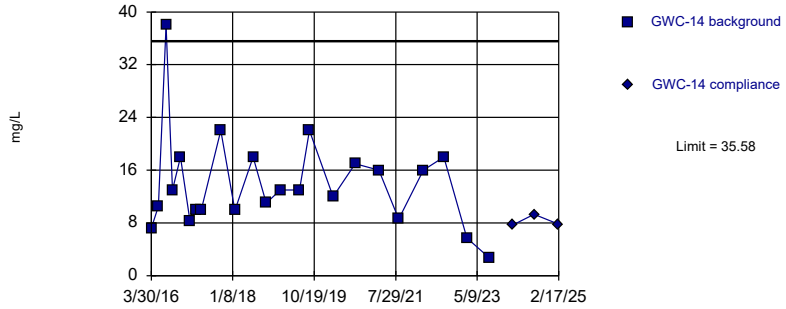
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.618, Std. Dev.=0.9225, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9614, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

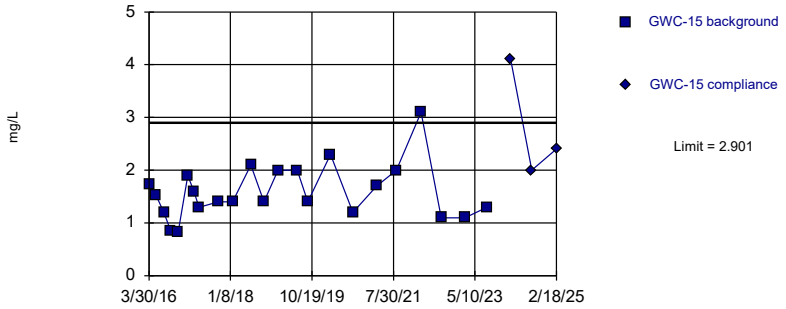
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.584, Std. Dev.=0.518, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9275, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

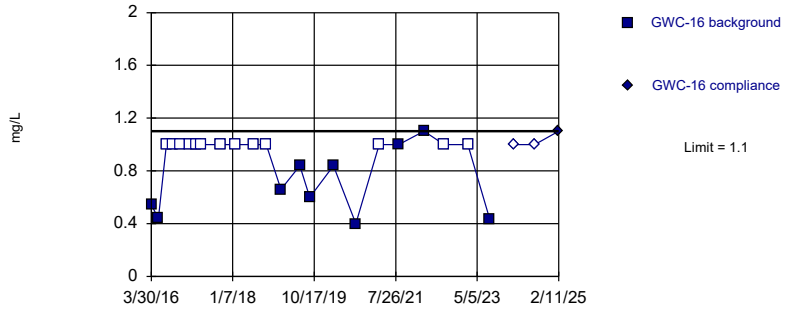
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

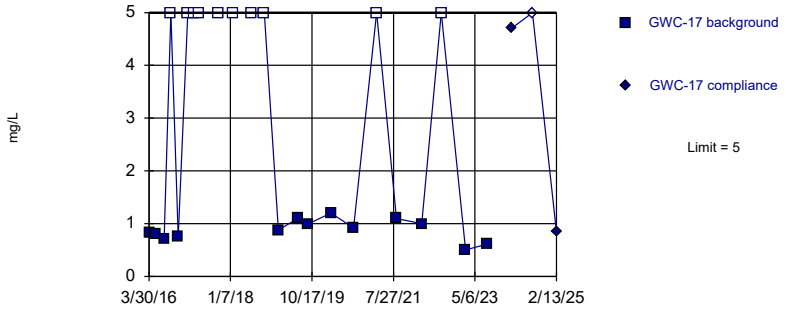
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

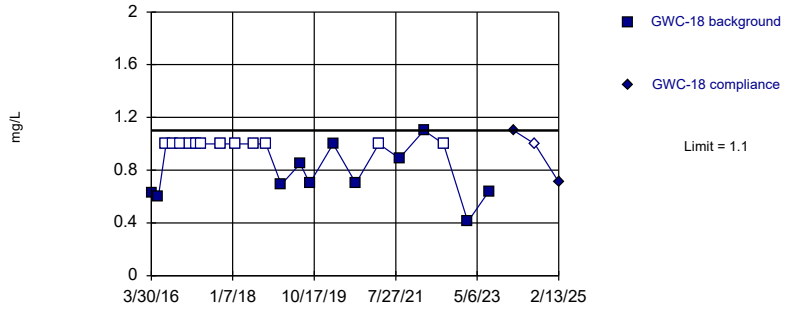
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

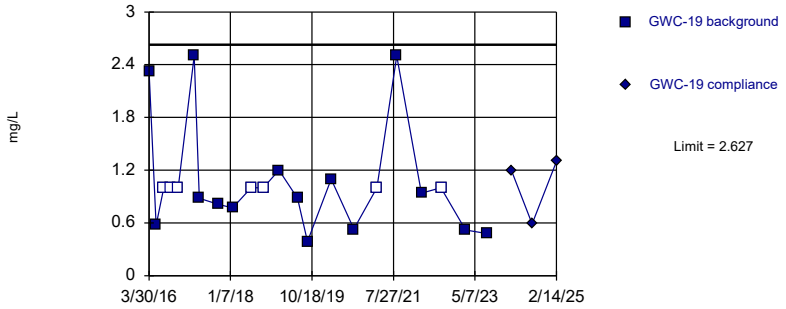
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-0.2904, Std. Dev.=0.4895, n=22, 31.82% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8968, critical = 0.878. Kappa = 2.566 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:22 PM View: Appendix III - Intrawell

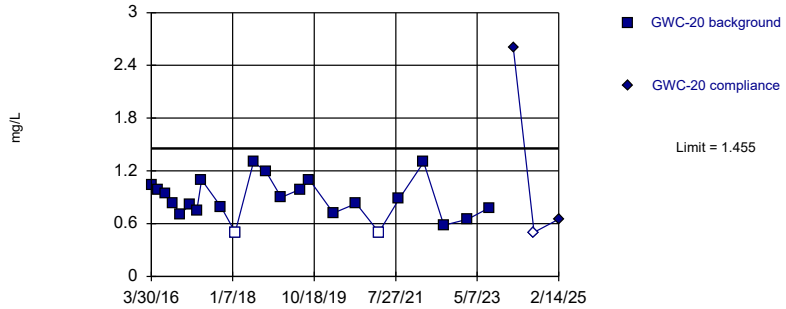
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.8776, Std. Dev.=0.2268, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9701, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

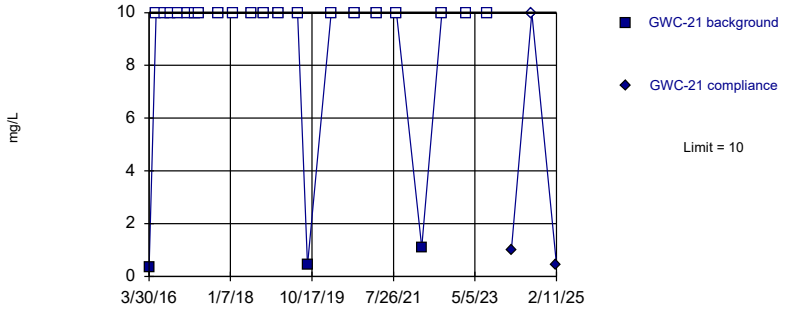
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

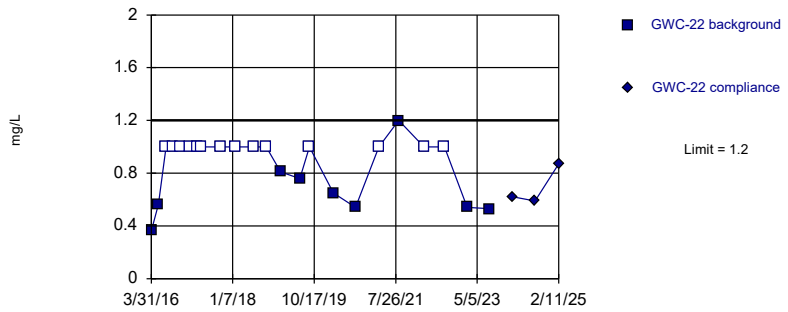
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

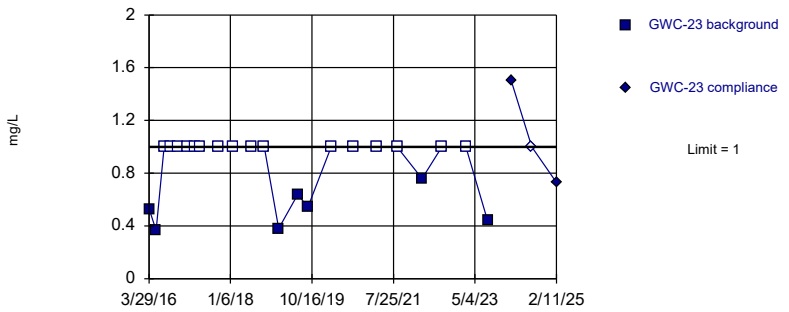
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

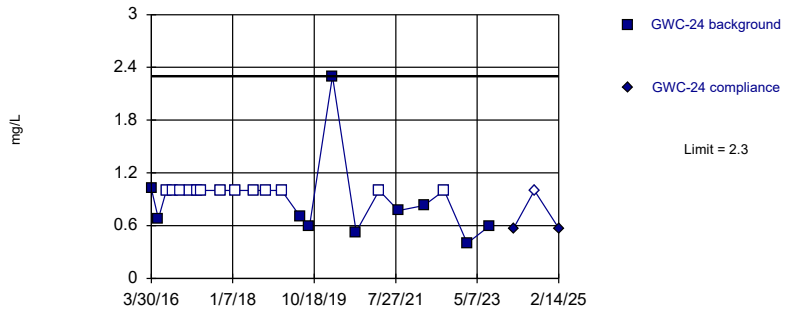
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

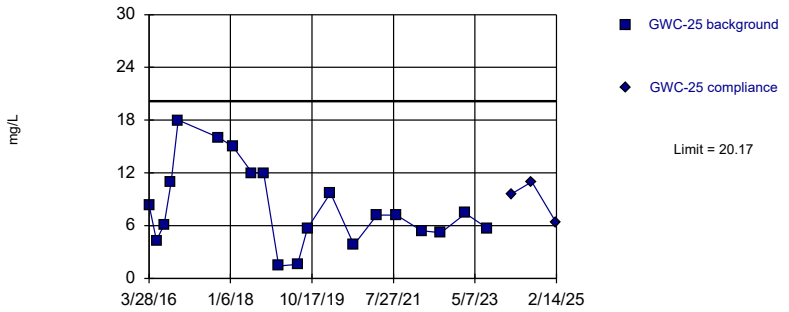
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.151, Std. Dev.=4.604, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.944, critical = 0.868. Kappa = 2.611 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

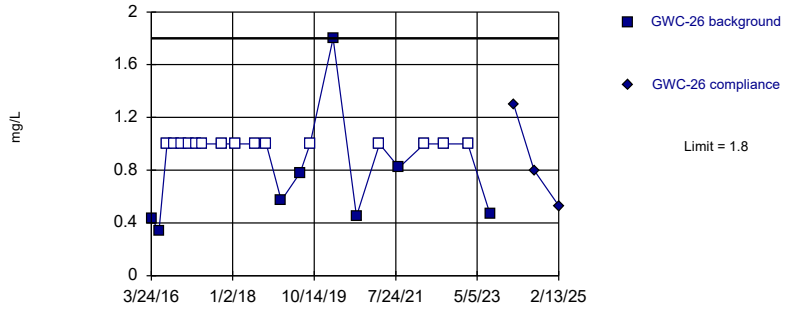
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

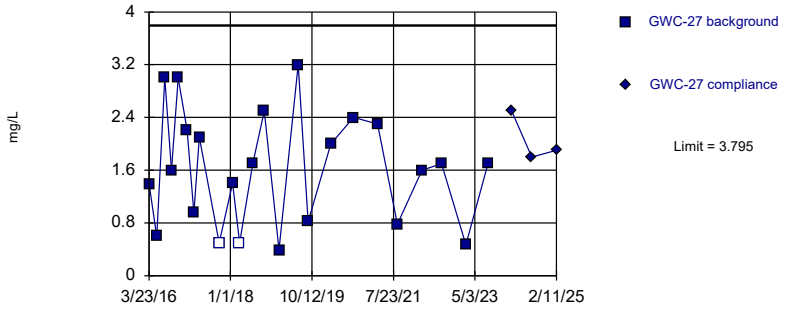
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.617, Std. Dev.=0.8639, n=24, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9427, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

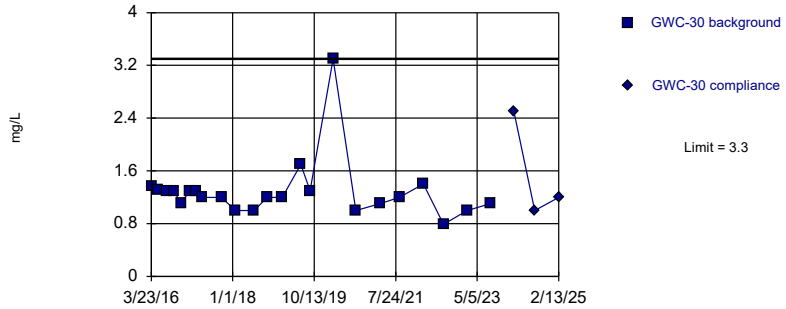
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

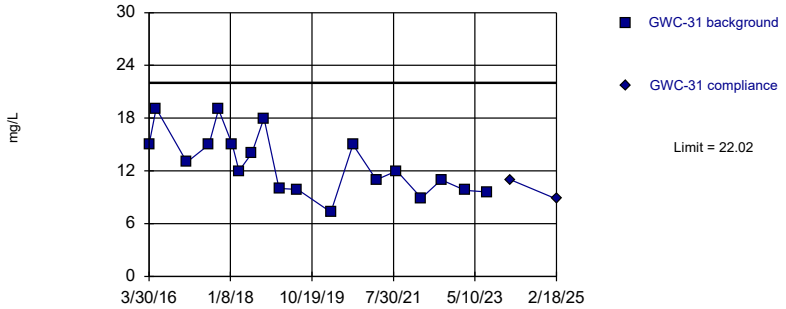
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.87, Std. Dev.=3.453, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9421, critical = 0.901. Kappa = 2.649 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

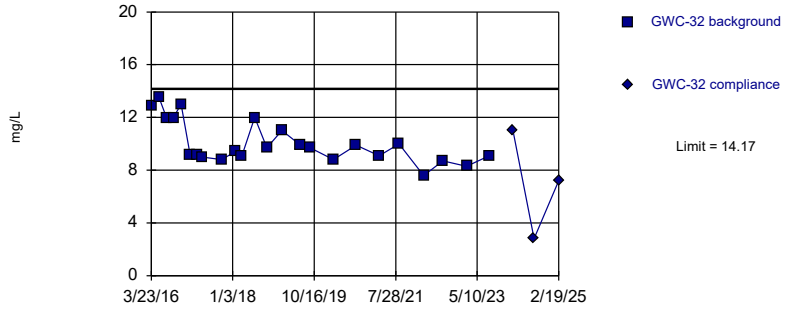
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.08, Std. Dev.=1.625, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

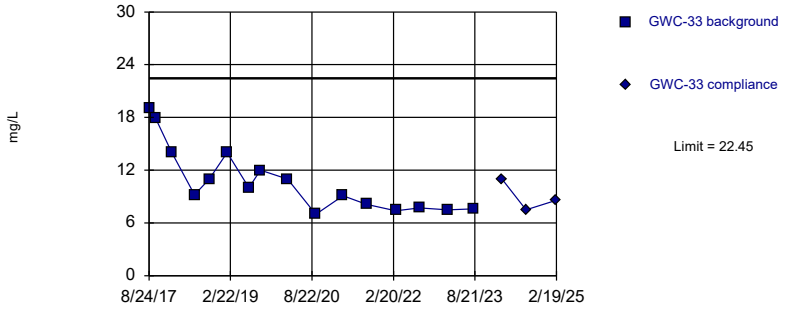
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.242, Std. Dev.=0.5416, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8892, critical = 0.887. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

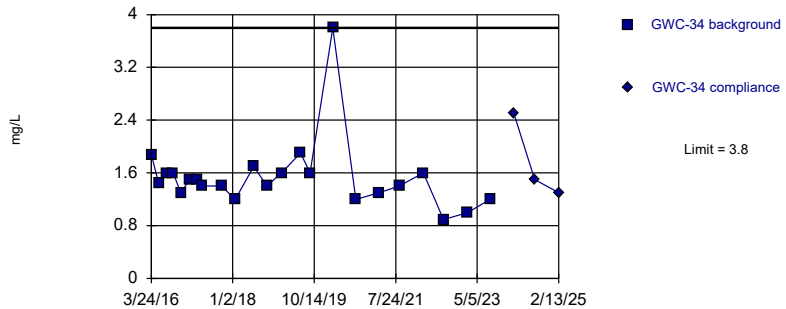
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

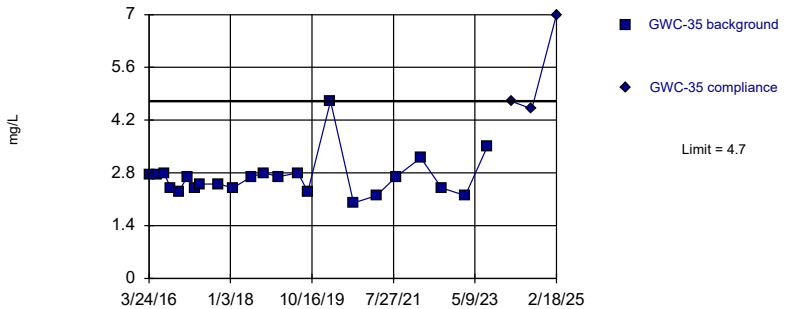
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

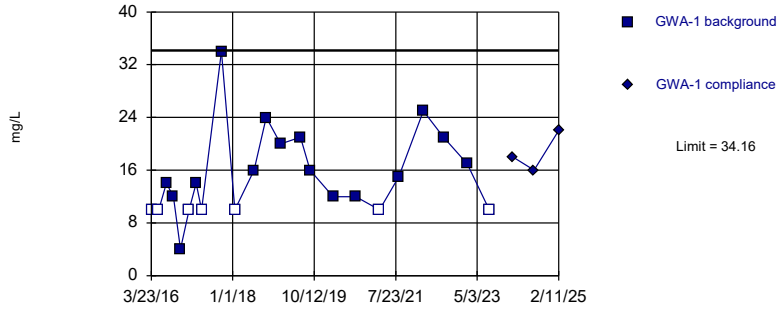
Constituent: Sulfate Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=11.81, Std. Dev.=8.787, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9015, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

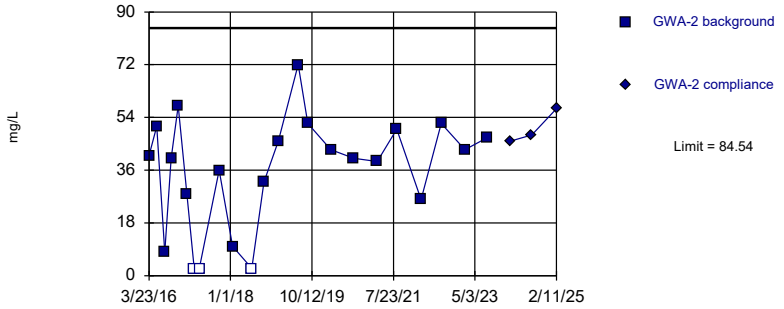
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.72, Std. Dev.=19.19, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

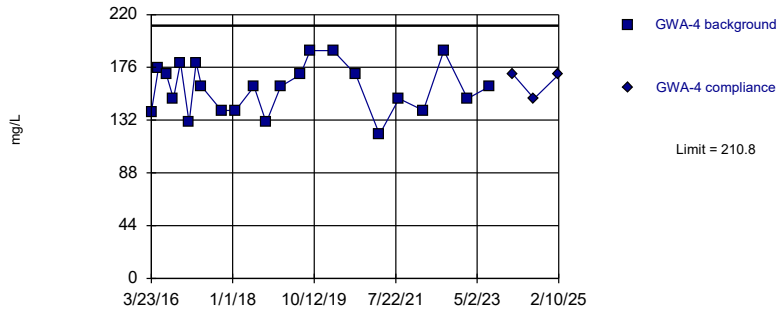
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=158.4, Std. Dev.=20.57, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9564, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

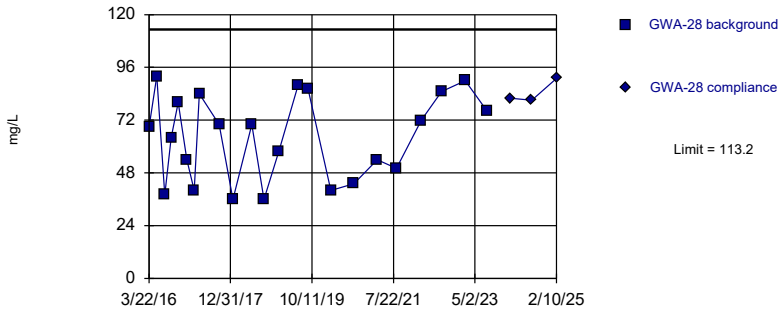
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=64.13, Std. Dev.=19.3, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

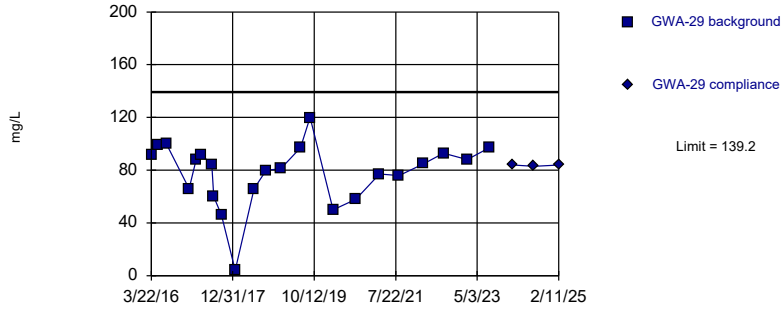
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=78.22, Std. Dev.=23.96, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9056, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

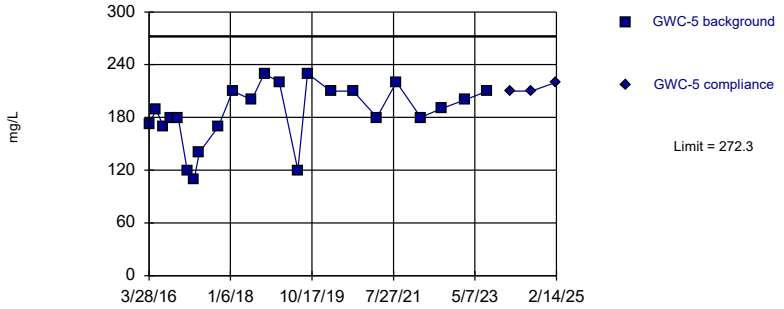
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=184.4, Std. Dev.=34.58, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.909, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

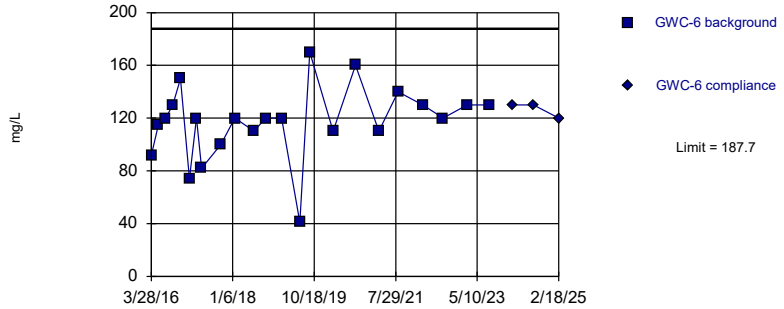
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=117.1, Std. Dev.=27.73, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9401, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

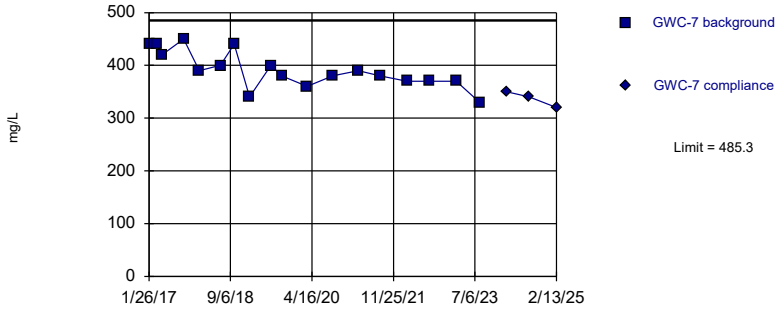
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=391.7, Std. Dev.=34.85, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9442, critical = 0.897. Kappa = 2.687 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

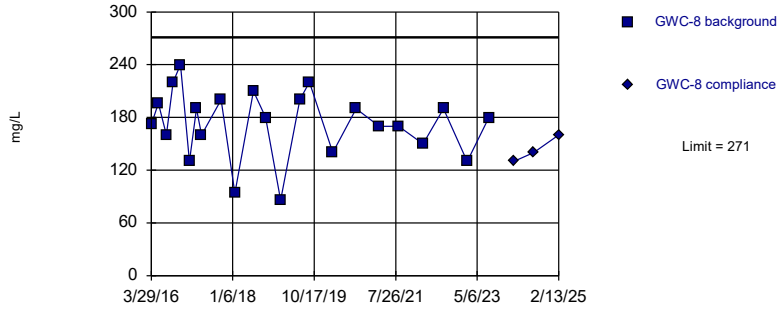
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=173, Std. Dev.=38.56, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

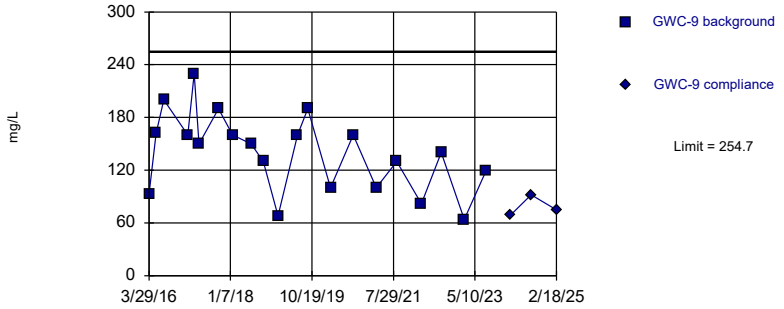
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=140, Std. Dev.=44.34, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9701, critical = 0.873. Kappa = 2.589 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

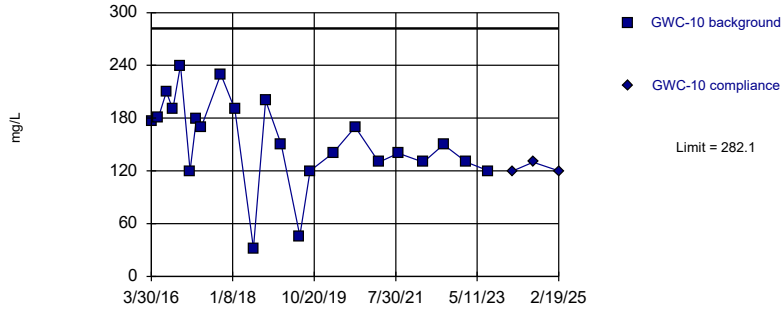
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=154.2, Std. Dev.=50.29, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.941, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

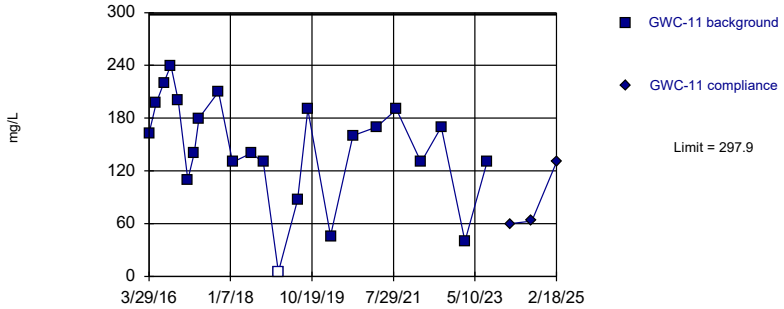
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=146.9, Std. Dev.=59.38, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

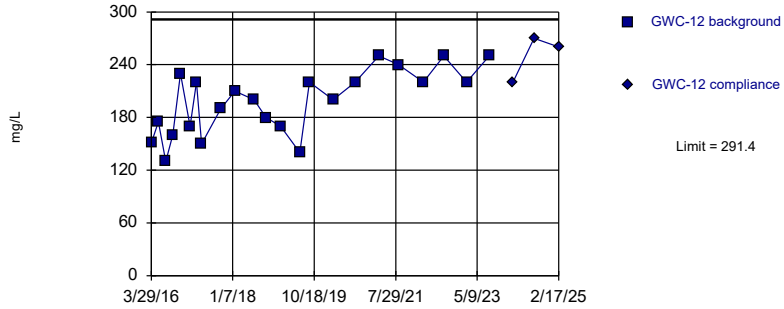
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=197.7, Std. Dev.=36.87, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

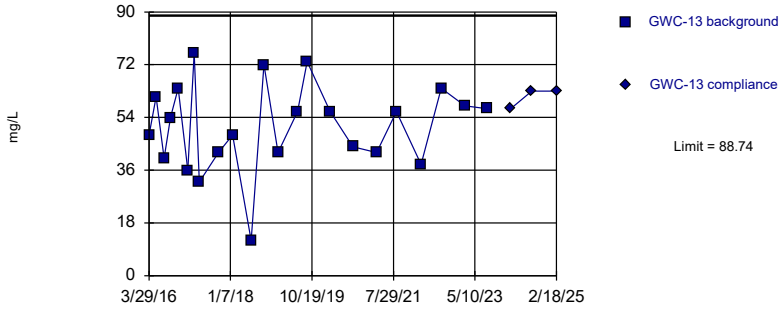
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=50.91, Std. Dev.=14.87, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

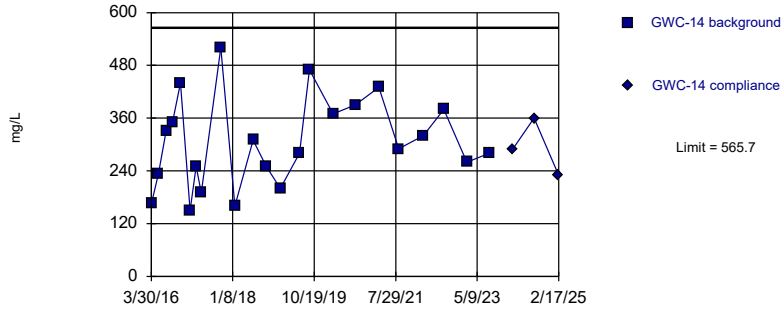
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=305.1, Std. Dev.=102.4, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9718, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

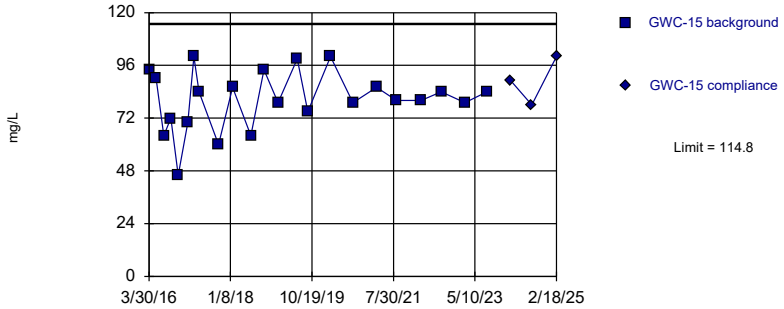
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=80.39, Std. Dev.=13.53, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9546, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

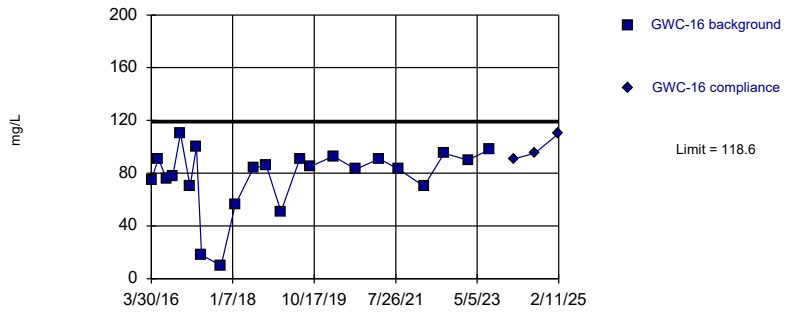
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=6575, Std. Dev.=2941, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9471, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

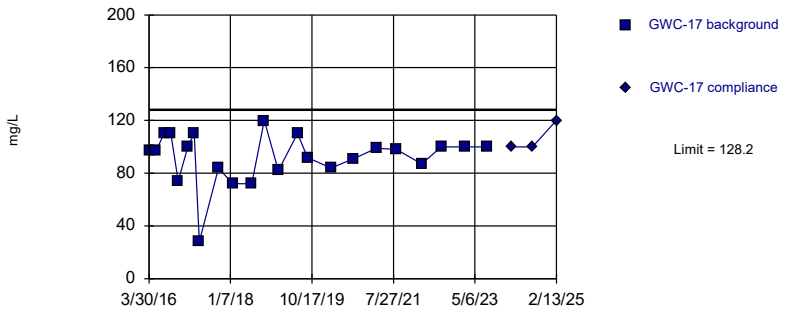
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=8817, Std. Dev.=2991, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

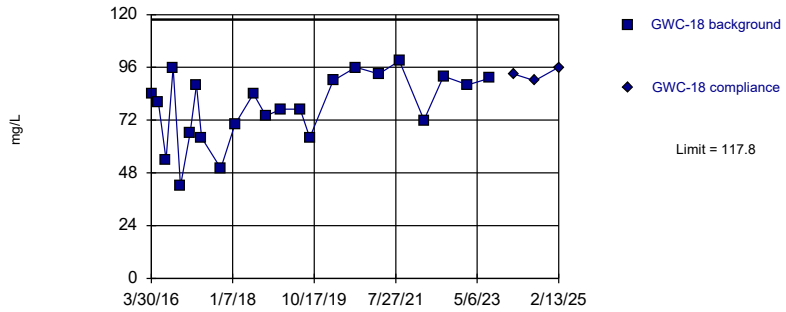
Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=77.87, Std. Dev.=15.68, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.94, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

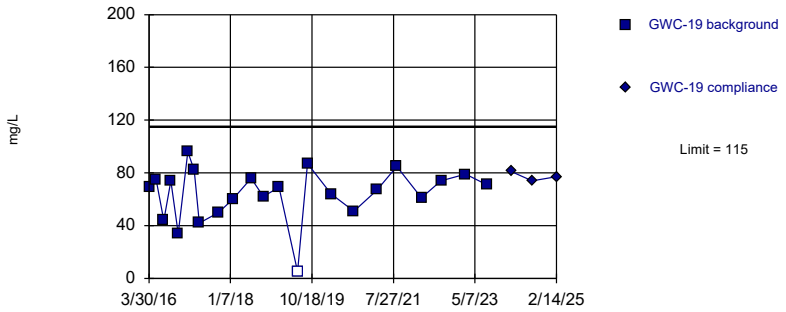
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=64.22, Std. Dev.=19.97, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9264, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

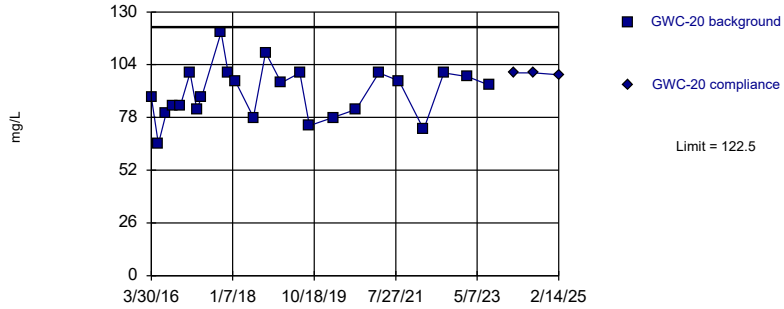
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=90.17, Std. Dev.=12.82, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.97, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

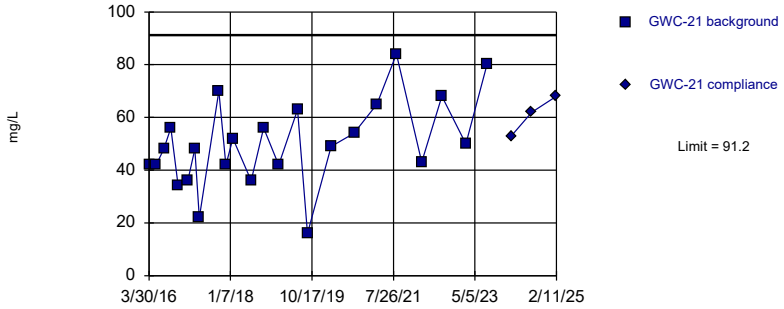
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=49.92, Std. Dev.=16.38, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9766, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

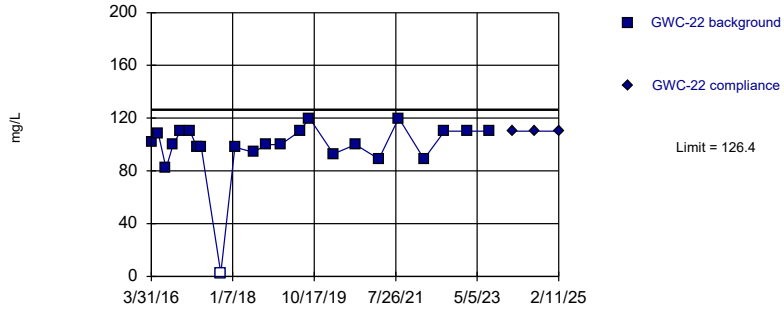
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=1051424, Std. Dev.=380214, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

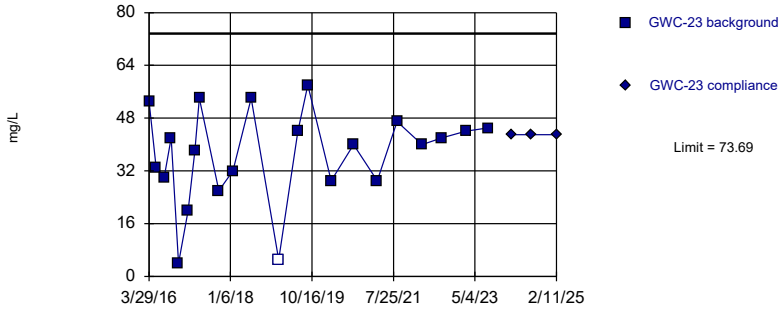
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=36.77, Std. Dev.=14.39, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9307, critical = 0.878. Kappa = 2.566 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

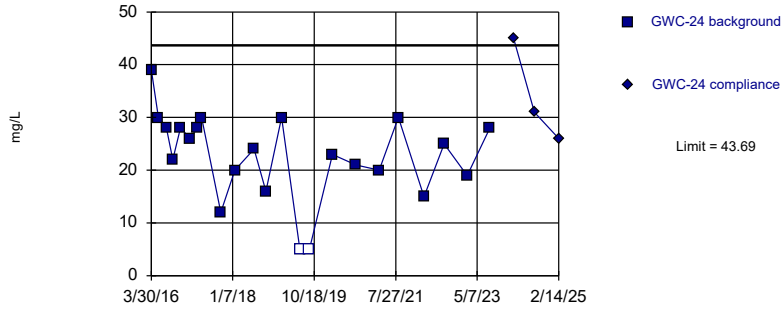
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=22.78, Std. Dev.=8.218, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

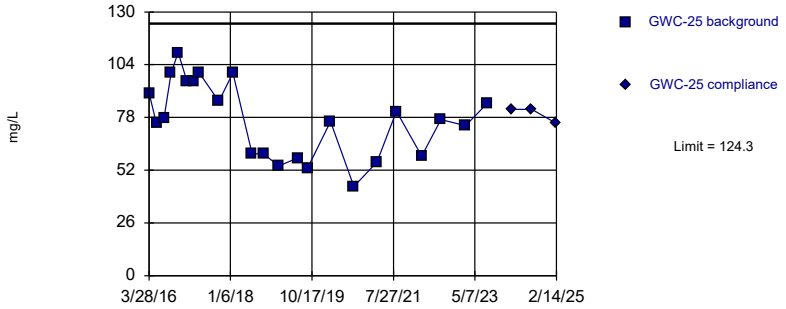
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=76.87, Std. Dev.=18.64, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9517, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

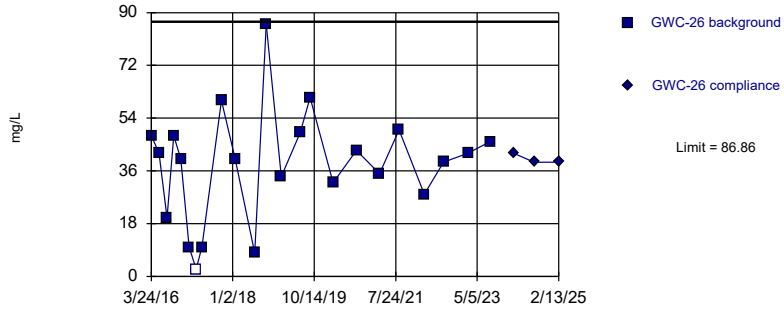
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=37.98, Std. Dev.=19.22, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9487, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:23 PM View: Appendix III - Intrawell

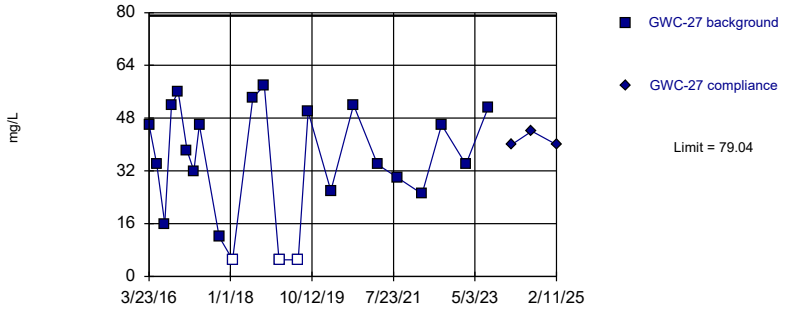
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=35.09, Std. Dev.=17.28, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9122, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell

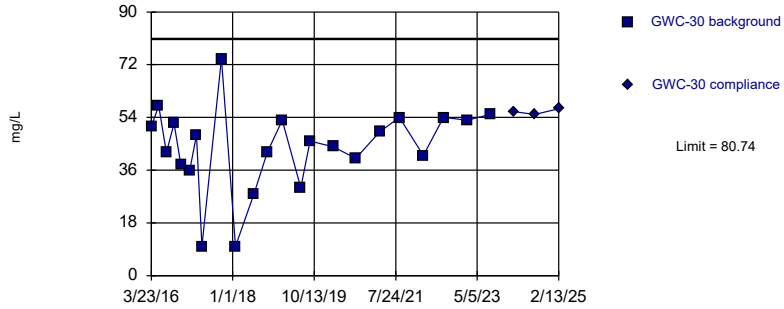
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=43.83, Std. Dev.=14.51, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell

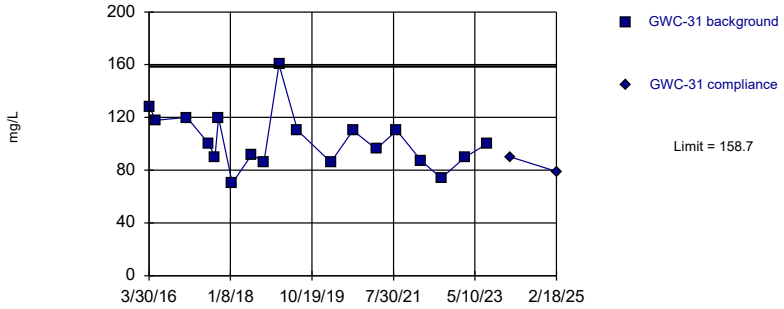
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=102.5, Std. Dev.=21.22, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9366, critical = 0.901. Kappa = 2.649 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell

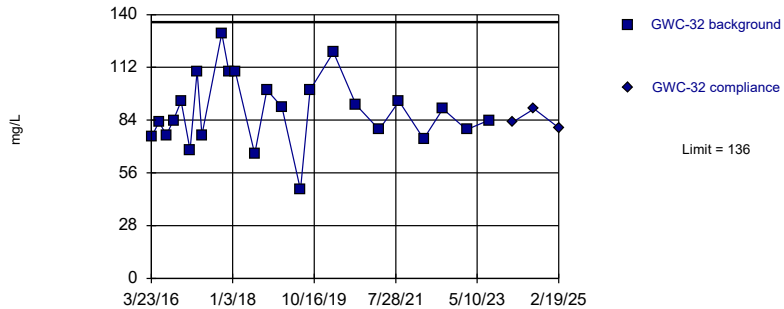
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=88.83, Std. Dev.=18.71, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9802, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell

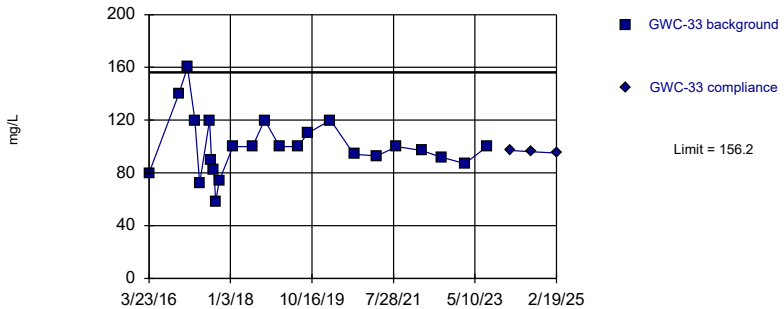
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=100.4, Std. Dev.=22.14, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9471, critical = 0.884. Kappa = 2.521 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell

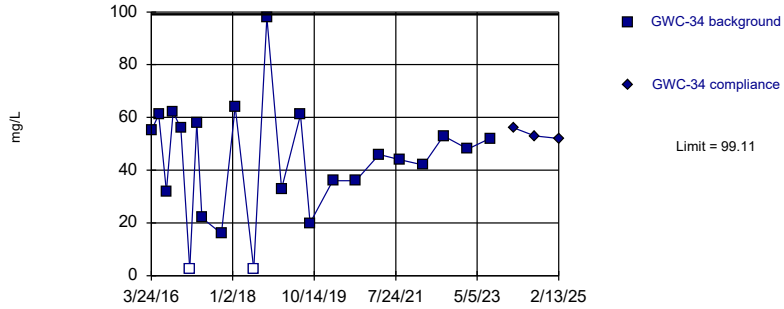
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=43.48, Std. Dev.=21.87, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9553, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

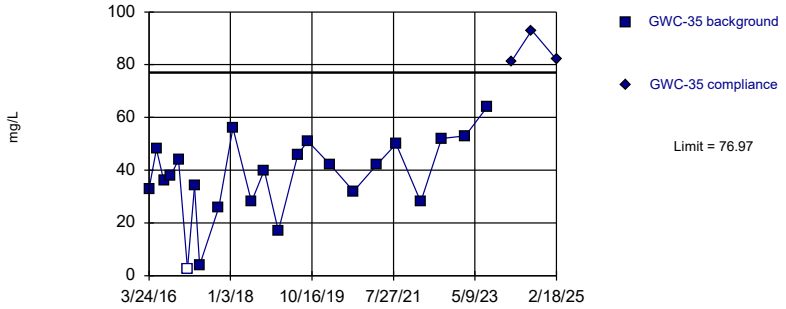
Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=37.67, Std. Dev.=15.45, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9481, critical = 0.881. Kappa = 2.544 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: TDS Analysis Run 7/30/2025 2:24 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
1/21/2016	5.03	
3/23/2016	5.56	
5/20/2016	5.62	
7/21/2016	5.500376	
9/15/2016	5.31	
11/11/2016	5.4	
1/19/2017	5.73	
3/16/2017	5.25	
4/28/2017	5.35	
8/3/2017	5.32	
10/4/2017	5.44	
1/19/2018	5.39	
6/19/2018	5.27	
9/25/2018	5.27	
1/17/2019	5.43	
6/24/2019	5.3	
9/9/2019	5.37	
3/10/2020	5.42	
9/9/2020	5.62	
3/15/2021	5.55	
8/16/2021	5.48	
2/28/2022	5.29	
8/9/2022	5.33	
2/14/2023	5.56	
8/9/2023	5.26	
2/13/2024		5.35
7/30/2024		5.47
2/11/2025		5.36

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
1/20/2016	5.47	
3/23/2016	5.85	
5/24/2016	5.86	
7/26/2016	5.808275	
9/15/2016	5.711552	
11/10/2016	5.63	
1/19/2017	5.63	
3/17/2017	5.68	
4/28/2017	5.77	
8/2/2017	5.67	
10/3/2017	5.53	
1/19/2018	5.68	
6/19/2018	5.84	
9/25/2018	5.52	
1/17/2019	5.81	
6/24/2019	5.75	
9/10/2019	5.63	
3/10/2020	5.72	
9/10/2020	5.41	
3/15/2021	5.44	
8/18/2021	5.58	
3/1/2022	5.65	
8/9/2022	5.64	
2/14/2023	5.64	
8/9/2023	5.56	
2/14/2024		5.67
7/30/2024		4.88
2/11/2025		5.66

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
5/19/2016	6.45	
7/21/2016	6.449699	
9/14/2016	6.339431	
11/10/2016	6.19	
1/17/2017	6.18	
3/16/2017	6.1	
4/27/2017	6.51	
4/28/2017	6.51	
8/2/2017	6.23	
10/3/2017	6.06	
1/22/2018	6.3	
6/19/2018	6.2	
9/25/2018	6.21	
1/17/2019	6.29	
6/24/2019	6.12	
9/10/2019	6.18	
3/10/2020	6.24	
9/9/2020	6.19	
3/15/2021	6	
8/18/2021	6.22	
3/1/2022	6.29	
8/9/2022	6.3	
2/14/2023	6.2	
8/9/2023	6.41	
2/14/2024		6.38
7/29/2024		6.04
2/10/2025		6.34

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
1/22/2016	6.27	
3/22/2016	6.72	
5/23/2016	6.29	
7/25/2016	6.178217	
9/16/2016	6.087127	
11/9/2016	6	
1/17/2017	6.09	
3/16/2017	5.98	
4/27/2017	5.96	
8/1/2017	6.01	
10/3/2017	6.13	
1/19/2018	6.15	
6/19/2018	5.96	
9/25/2018	5.94	
1/21/2019	5.92	
6/25/2019	6.03	
9/10/2019	5.79	
3/10/2020	6.05	
9/9/2020	5.9	
3/15/2021	6.09	
8/16/2021	6.21	
3/1/2022	5.96	
8/9/2022	6.08	
2/14/2023	6.12	
8/9/2023	6.16	
2/14/2024		6.29
7/29/2024		5.88
2/10/2025		6.06

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
1/19/2016	5.92	
3/22/2016	5.92	
5/19/2016	5.95	
7/21/2016	6.049508	
9/15/2016	6.180374	
3/15/2017	5.86	
4/27/2017	5.85	
8/1/2017	5.86	
10/3/2017	6.01	
1/19/2018	5.83	
6/19/2018	5.77	
9/25/2018	5.92	
1/18/2019	5.86	
6/25/2019	5.96	
9/10/2019	5.94	
3/10/2020	5.75	
9/9/2020	5.63	
3/15/2021	5.51	
8/18/2021	5.79	
3/2/2022	5.87	
8/9/2022	5.9	
2/13/2023	5.64	
8/8/2023	5.94	
2/14/2024		5.86
7/30/2024		5.55
2/11/2025		5.85

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
1/20/2016	6.15	
3/28/2016	7.05	
5/23/2016	6.47	
7/21/2016	6.424029	
9/15/2016	6.26111	
11/15/2016	6.29	
1/26/2017	6.29	
5/2/2017	6.98	
8/3/2017	6.18	
10/3/2017	6.2	
1/23/2018	6.44	
6/25/2018	6.42	
10/3/2018	6.33	
1/30/2019	6.94	
6/26/2019	6.42	
9/12/2019	6.34	
3/16/2020	6.35	
9/9/2020	6.4	
3/17/2021	6.62	
8/19/2021	6.42	
3/2/2022	6.31	
8/11/2022	6.31	
2/20/2023	6.28	
8/14/2023	6.28	
2/14/2024		6.31
7/31/2024		6.23
2/14/2025		6.21

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
1/20/2016	5.97	
3/28/2016	6.5	
5/24/2016	6	
7/21/2016	6.08222	
9/15/2016	6.011749	
11/16/2016	5.99	
1/26/2017	6.12	
5/2/2017	5.86	
8/3/2017	5.92	
10/3/2017	5.9	
1/23/2018	6.08	
6/25/2018	5.86	
9/25/2018	5.87	
1/30/2019	5.99	
6/26/2019	5.82	
9/12/2019	6	
3/16/2020	5.86	
9/11/2020	5.71	
3/17/2021	6.1	
8/18/2021	5.9	
3/2/2022	5.89	
8/11/2022	5.97	
2/20/2023	5.94	
8/14/2023	5.93	
2/14/2024		5.96
8/1/2024		5.83
2/18/2025		5.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
1/20/2016	6.23	
3/29/2016	6.42	
5/24/2016	6.38	
7/22/2016	6.438562	
9/15/2016	6.380158	
11/16/2016	6.35	
1/26/2017	6.45	
5/2/2017	6.32	
8/4/2017	6.35	
10/3/2017	6.34	
1/23/2018	6.55	
6/25/2018	6.26	
10/2/2018	6.31	
1/21/2019	6.33	
6/25/2019	6.23	
9/10/2019	6.3	
3/12/2020	6.45	
9/14/2020	6.14	
3/16/2021	6.5	
8/19/2021	6.38	
3/2/2022	6.4	
8/11/2022	6.44	
2/21/2023	6.5	
8/9/2023	6.43	
2/21/2024		6.46
8/1/2024		6.59
2/13/2025		6.45

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
1/26/2016	5.99	
3/29/2016	6.45	
5/24/2016	6.17	
7/26/2016	6.291124	
9/19/2016	6.046436	
11/16/2016	5.96	
1/26/2017	6.14	
3/23/2017	5.95	
5/2/2017	6.11	
8/7/2017	6.02	
10/5/2017	5.76	
1/24/2018	5.91	
6/21/2018	5.9	
9/26/2018	5.9	
1/22/2019	5.95	
6/25/2019	5.85	
9/10/2019	5.9	
1/13/2020	5.89	
3/12/2020	5.86	
9/14/2020	5.64	
3/16/2021	5.99	
8/20/2021	5.91	
3/2/2022	5.89	
8/11/2022	5.9	
2/15/2023	6.03	
8/9/2023	5.88	
2/21/2024		5.86
7/30/2024		5.78
2/13/2025		5.86

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
3/29/2016	5.86	
5/24/2016	5.81	
7/25/2016	5.876175	
9/19/2016	5.720024	
11/16/2016	5.77	
1/31/2017	5.75	
3/23/2017	5.97	
5/2/2017	6.11	
8/7/2017	5.78	
10/3/2017	5.84	
1/24/2018	5.98	
6/21/2018	5.68	
9/26/2018	5.71	
1/22/2019	5.8	
6/25/2019	5.71	
9/16/2019	5.69	
3/16/2020	5.8	
9/11/2020	5.4	
3/16/2021	5.78	
8/25/2021	5.55	
3/9/2022	5.53	
8/16/2022	5.53	
10/12/2022	5.51	
2/15/2023	5.56	
8/9/2023	5.55	
9/27/2023		5.71
2/19/2024		5.4
7/31/2024		5.22
9/30/2024		5.43
2/18/2025		5.26

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	6.27	
5/25/2016	6.44	
7/27/2016	6.364588	
9/16/2016	6.202937	
11/17/2016	5.95	
1/31/2017	6.47	
5/2/2017	6.69	
8/8/2017	6.67	
1/24/2018	6.47	
6/21/2018	5.76	
9/27/2018	5.5	
1/31/2019	5.75	
6/26/2019	5.78	
9/17/2019	5.55	
3/17/2020	5.96	
9/10/2020	5.3	
12/2/2020	5.72	
3/18/2021	6.13	
8/20/2021	5.68	
3/8/2022	5.9	
8/16/2022	6.16	
2/15/2023	5.76	
8/10/2023	5.78	
2/20/2024		5.97
7/31/2024		5.94
2/19/2025		5.68

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
1/26/2016	6.11	
3/29/2016	6.59	
5/25/2016	6.31	
7/25/2016	6.287783	
9/19/2016	6.191975	
11/16/2016	6.04	
1/31/2017	5.94	
3/23/2017	6.06	
5/2/2017	5.95	
8/7/2017	6.11	
10/4/2017	6.02	
10/13/2017	6.24	
1/24/2018	6.17	
6/20/2018	5.92	
9/27/2018	5.97	
1/24/2019	6.25	
6/26/2019	5.97	
9/16/2019	6.07	
3/16/2020	5.92	
9/10/2020	5.82	
3/17/2021	6.23	
8/23/2021	6.02	
3/7/2022	6.1	
8/15/2022	6.04	
2/21/2023	5.96	
8/14/2023	5.98	
2/14/2024		6.46
8/6/2024		5.93
2/18/2025		6.05

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
1/26/2016	7.37	
3/29/2016	7.53	
5/25/2016	7.44	
7/22/2016	7.57	
9/15/2016	7.450908	
11/16/2016	6.99	
1/31/2017	7.37	
3/23/2017	7.41	
5/3/2017	7.32	
8/7/2017	7.25	
10/4/2017	7.58	
1/24/2018	7.02	
6/26/2018	7.43	
9/28/2018	7.3	
1/25/2019	7.49	
6/26/2019	7.28	
9/11/2019	7.47	
3/18/2020	7.55	
9/10/2020	7.15	
3/16/2021	7.62	
8/19/2021	7.26	
3/7/2022	7.32	
5/3/2022	7.34	
8/16/2022	7.39	
11/29/2022	7.34	
2/15/2023	6.98	
8/14/2023	7.2	
2/20/2024		7.46
8/6/2024		7.45
2/17/2025		7.28

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
1/27/2016	6.52	
3/29/2016	7.49	
5/25/2016	6.76	
7/26/2016	6.859244	
9/15/2016	6.735831	
11/17/2016	6.63	
1/31/2017	6.76	
3/23/2017	6.85	
5/3/2017	6.57	
8/4/2017	6.77	
10/5/2017	6.81	
1/25/2018	6.63	
6/20/2018	6.66	
10/2/2018	6.91	
1/22/2019	6.61	
6/25/2019	6.54	
9/12/2019	6.73	
3/12/2020	6.68	
9/10/2020	6.69	
3/17/2021	7.19	
8/23/2021	6.52	
3/8/2022	6.93	
8/15/2022	7.03	
2/21/2023	6.62	
8/16/2023	6.61	
2/19/2024		7.14
3/27/2024		7
8/5/2024		6.55
2/18/2025		6.54

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
1/27/2016	5.88	
3/30/2016	6.01	
5/25/2016	5.52	
7/26/2016	6.066915	
9/15/2016	5.1	
11/17/2016	5.05	
2/1/2017	5.5	
3/23/2017	5.41	
5/3/2017	5.71	
8/7/2017	5.03	
10/4/2017	5.11	
1/25/2018	5.64	
6/20/2018	5.05	
10/1/2018	5.59	
1/22/2019	5.72	
6/25/2019	5.49	
9/12/2019	4.92	
3/17/2020	5.63	
9/10/2020	5	
3/17/2021	5.31	
8/23/2021	5.48	
3/7/2022	5.5	
5/3/2022	5.27	
8/16/2022	5.04	
2/17/2023	5.73	
8/14/2023	5.97	
2/19/2024		5.66
8/6/2024		5.24
2/17/2025		5.94

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
1/27/2016	6.67	
3/30/2016	6.7	
5/25/2016	6.52	
7/26/2016	6.719922	
9/20/2016	6.519229	
11/17/2016	6.54	
2/1/2017	6.56	
5/3/2017	6.5	
8/4/2017	6.55	
10/4/2017	6.67	
1/25/2018	6.45	
6/20/2018	7.24	
10/1/2018	6.5	
1/22/2019	6.48	
6/25/2019	6.43	
9/17/2019	6.54	
3/16/2020	6.58	
5/4/2020	6.9	
9/10/2020	6.31	
3/18/2021	6.92	
8/24/2021	6.43	
3/7/2022	6.5	
5/4/2022	6.51	
6/7/2022	6.44	
8/16/2022	6.54	
2/21/2023	7.22	
8/14/2023	6.7	
2/21/2024		6.62
8/6/2024		6.49
2/18/2025		6.45

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
1/27/2016	6.03	
5/25/2016	6.22	
7/27/2016	6.30178	
9/16/2016	6.096227	
11/17/2016	5.9	
2/1/2017	6.14	
3/24/2017	5.99	
5/3/2017	6.06	
8/7/2017	6.12	
10/5/2017	6.19	
1/25/2018	6.1	
6/20/2018	6.08	
10/1/2018	6.12	
1/25/2019	6.05	
6/25/2019	6.08	
9/11/2019	6.22	
3/17/2020	6.35	
9/11/2020	5.85	
3/17/2021	6.16	
8/20/2021	5.98	
3/8/2022	6.03	
8/16/2022	6.13	
2/20/2023	6.08	
8/14/2023	6.09	
2/21/2024		6.12
8/5/2024		5.88
2/11/2025		6.15

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
1/27/2016	6.27	
3/30/2016	6.22	
5/25/2016	6.24	
7/27/2016	6.321385	
9/19/2016	6.272624	
11/17/2016	6.11	
2/1/2017	6.18	
3/24/2017	6.34	
5/3/2017	6.09	
8/7/2017	6.16	
10/4/2017	6.18	
1/25/2018	6.2	
6/26/2018	6.1	
10/2/2018	6.16	
1/24/2019	6.31	
6/25/2019	6.12	
9/11/2019	6.39	
3/17/2020	6.09	
9/14/2020	6.37	
3/16/2021	6.22	
8/20/2021	6.05	
3/8/2022	6.06	
5/4/2022	6.08	
8/11/2022	5.95	
2/20/2023	6.06	
8/10/2023	6.13	
2/20/2024		6.01
8/7/2024		6.1
2/13/2025		6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
3/30/2016	6.03	
5/26/2016	6.03	
7/25/2016	6.066342	
9/19/2016	6.040669	
2/1/2017	5.98	
3/24/2017	5.85	
5/3/2017	5.92	
8/7/2017	5.98	
10/5/2017	5.87	
1/25/2018	6.03	
6/21/2018	5.87	
9/28/2018	5.77	
1/28/2019	6.03	
6/27/2019	5.78	
9/11/2019	6.02	
3/17/2020	5.88	
9/14/2020	5.77	
3/16/2021	6.02	
8/24/2021	5.9	
3/8/2022	6.01	
8/11/2022	5.76	
2/20/2023	5.87	
8/9/2023	5.99	
2/21/2024		5.82
8/7/2024		5.71
2/13/2025		5.89

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
1/27/2016	6.14	
3/30/2016	6.1	
5/26/2016	5.99	
7/25/2016	6.063209	
9/19/2016	6.059689	
11/17/2016	5.97	
3/24/2017	5.82	
5/3/2017	5.89	
8/7/2017	5.93	
10/5/2017	5.79	
1/25/2018	5.89	
6/21/2018	5.78	
9/27/2018	5.82	
1/28/2019	5.96	
6/26/2019	5.78	
9/12/2019	5.92	
3/18/2020	5.71	
9/15/2020	5.72	
3/17/2021	5.95	
8/24/2021	5.78	
3/8/2022	5.81	
5/4/2022	5.72	
8/11/2022	5.7	
2/21/2023	5.73	
8/9/2023	5.87	
2/21/2024		5.77
8/6/2024		5.64
2/14/2025		5.79

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
1/27/2016	6.08	
3/30/2016	6.27	
5/26/2016	6.23	
7/25/2016	6.3145	
9/20/2016	6.379374	
2/2/2017	6.17	
3/28/2017	6.01	
5/4/2017	6.38	
8/7/2017	6.19	
10/6/2017	6.2	
1/26/2018	6.16	
6/21/2018	6.65	
9/27/2018	6.29	
1/28/2019	6.31	
6/25/2019	6.15	
9/11/2019	6.27	
3/18/2020	6.16	
9/15/2020	6.28	
3/16/2021	6.33	
8/24/2021	6.17	
3/7/2022	6.13	
8/16/2022	6.73	
2/22/2023	6.91	
8/9/2023	6.47	
2/20/2024		6.87
8/2/2024		6.15
2/14/2025		6.1

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
1/26/2016	5.39	
3/30/2016	5.88	
5/26/2016	5.55	
7/26/2016	5.64011	
9/20/2016	5.721614	
11/17/2016	5.56	
3/28/2017	5.36	
5/4/2017	5.55	
8/7/2017	5.61	
10/6/2017	5.47	
1/26/2018	5.65	
6/20/2018	5.48	
9/27/2018	5.38	
1/24/2019	6.01	
6/25/2019	5.35	
9/11/2019	5.71	
3/18/2020	5.45	
9/15/2020	5.3	
3/16/2021	5.47	
8/19/2021	5.54	
3/7/2022	5.37	
8/16/2022	5.54	
2/21/2023	5.37	
8/9/2023	5.62	
2/19/2024		5.51
7/30/2024		5.28
2/11/2025		5.79

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
1/26/2016	6.46	
3/31/2016	6.53	
5/26/2016	6.69	
7/26/2016	6.620398	
9/20/2016	6.475767	
11/17/2016	6.52	
3/28/2017	6.87	
5/3/2017	6.59	
8/8/2017	6.59	
10/5/2017	6.4	
1/25/2018	6.49	
6/20/2018	6.42	
10/1/2018	6.7	
1/24/2019	6.69	
6/25/2019	6.59	
9/10/2019	6.44	
3/18/2020	6.85	
9/10/2020	6.86	
3/15/2021	6.78	
8/19/2021	6.58	
3/8/2022	6.41	
5/4/2022	6.41	
8/17/2022	6.61	
2/14/2023	6.56	
8/14/2023	6.79	
2/14/2024		6.94
8/6/2024		6.52
2/11/2025		6.54

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
1/21/2016	6.24	
3/29/2016	4.87 (O)	
5/25/2016	6.11	
7/27/2016	6.04	
9/20/2016	5.887537	
11/18/2016	6.32	
2/3/2017	5.91	
3/28/2017	5.86	
5/4/2017	6.2	
8/8/2017	6.07	
10/5/2017	5.95	
1/25/2018	6.06	
6/20/2018	5.84	
10/1/2018	5.96	
1/25/2019	5.97	
6/26/2019	5.86	
9/12/2019	5.93	
3/18/2020	6.06	
9/10/2020	5.8	
3/18/2021	6.01	
8/23/2021	5.9	
3/9/2022	5.5	
8/16/2022	5.86	
2/21/2023	5.88	
8/15/2023	5.93	
2/19/2024		5.96
7/30/2024		5.62
2/11/2025		5.91

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
1/20/2016	5.41	
5/25/2016	6.46	
7/27/2016	6.119047	
9/16/2016	6.310241	
11/18/2016	5.62	
2/6/2017	5.36	
3/28/2017	5.87	
5/3/2017	7.5 (O)	
10/4/2017	5.54	
1/25/2018	5.74	
6/27/2018	5.51	
9/28/2018	5.28	
1/31/2019	5.28	
6/26/2019	5.59	
9/11/2019	5.21	
3/12/2020	5.33	
9/15/2020	4.97	
3/18/2021	5.16	
8/19/2021	5.1	
3/10/2022	5.14	
8/18/2022	5.08	
2/16/2023	5.08	
8/16/2023	5.14	
2/22/2024		5.39
8/6/2024		5.3
2/14/2025		5.16

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
1/20/2016	5.98	
3/28/2016	5.1	
5/25/2016	5.7	
7/27/2016	5.966094	
9/19/2016	6.031435	
11/15/2016	6.35	
1/20/2017	6.54	
1/23/2017	6.59	
3/23/2017	7.25	
3/24/2017	6.56	
8/3/2017	6.33	
10/5/2017	6.36	
1/24/2018	6.12	
6/27/2018	6.28	
9/26/2018	6.4	
1/24/2019	6	
6/25/2019	5.66	
9/11/2019	5.99	
1/14/2020	6.18	
3/12/2020	6.4	
9/14/2020	5.47	
3/17/2021	5.97	
8/19/2021	5.97	
3/8/2022	6.24	
8/10/2022	6	
2/21/2023	5.93	
8/15/2023	6.01	
2/21/2024		6.18
8/1/2024		6.19
2/14/2025		6.12

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
3/24/2016	5.64	
5/24/2016	5.78	
7/26/2016	6.038068	
9/20/2016	5.701864	
11/14/2016	5.64	
1/19/2017	5.7	
3/16/2017	5.58	
5/1/2017	5.78	
8/3/2017	5.61	
10/4/2017	5.75	
1/22/2018	6	
6/27/2018	5.59	
9/27/2018	5.68	
1/24/2019	5.78	
6/25/2019	5.63	
9/12/2019	5.63	
3/13/2020	5.52	
9/15/2020	5.63	
3/17/2021	5.61	
8/19/2021	5.69	
3/9/2022	5.69	
8/10/2022	5.6	
2/21/2023	5.58	
8/16/2023	5.53	
2/20/2024		5.53
8/2/2024		5.61
2/13/2025		5.7

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
1/22/2016	5.35	
3/23/2016	5.57	
5/24/2016	5.58	
7/26/2016	5.614371	
9/19/2016	5.506855	
11/11/2016	5.88	
1/20/2017	5.71	
3/16/2017	5.37	
4/28/2017	5.89	
8/3/2017	5.65	
10/3/2017	5.67	
1/19/2018	5.53	
6/27/2018	5.58	
9/27/2018	5.7	
1/24/2019	5.39	
6/26/2019	5.72	
9/12/2019	5.36	
3/12/2020	5.36	
9/9/2020	5.63	
3/18/2021	5.39	
8/23/2021	5.35	
3/8/2022	5.57	
8/10/2022	5.63	
2/20/2023	5.33	
8/15/2023	5.63	
2/20/2024		5.42
7/30/2024		5.27
2/11/2025		5.51

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
1/19/2016	5.9	
3/23/2016	6.78	
5/20/2016	6.05	
7/21/2016	6.188237	
9/20/2016	6.075727	
11/14/2016	5.93	
1/24/2017	6.03	
3/17/2017	5.94	
5/1/2017	6	
8/4/2017	6.01	
10/4/2017	6.58	
1/24/2018	6.29	
6/21/2018	5.95	
10/3/2018	6.38	
1/30/2019	6.08	
6/27/2019	6.08	
9/10/2019	6.63	
3/11/2020	6.04	
9/10/2020	6.59	
3/18/2021	5.77	
8/23/2021	5.96	
3/2/2022	6.07	
8/10/2022	5.97	
2/14/2023	5.91	
8/16/2023	5.96	
2/21/2024		5.96
8/5/2024		6.02
2/13/2025		6.12

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
1/25/2016	5.98	
5/25/2016	6.3	
7/27/2016	6.327805	
1/24/2017	5.93	
2/6/2017	6.04	
3/28/2017	6.06	
5/1/2017	6.24	
8/3/2017	5.98	
10/5/2017	5.97	
1/22/2018	5.99	
6/27/2018	5.99	
10/3/2018	6.2	
1/31/2019	6.03	
6/26/2019	6.18	
9/11/2019	6.34	
1/14/2020	6.04	
3/17/2020	6.15	
9/11/2020	6.01	
3/16/2021	5.89	
8/25/2021	6.01	
3/10/2022	6.02	
5/4/2022	6.19	
8/16/2022	6.19	
2/22/2023	6.03	
8/16/2023	6.27	
2/21/2024		6.72
3/27/2024		5.97
8/2/2024		6.13
2/18/2025		6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
1/25/2016	6.13	
3/23/2016	6.22	
5/23/2016	5.99	
7/22/2016	7.552699 (O)	
9/16/2016	6.260319	
11/15/2016	6.22	
1/25/2017	6.17	
5/1/2017	6.18	
8/3/2017	6.32	
1/22/2018	6.19	
6/26/2018	5.97	
10/2/2018	6.06	
1/30/2019	6.12	
6/27/2019	6.11	
9/12/2019	6.08	
1/14/2020	6.11	
3/18/2020	6.13	
9/15/2020	5.88	
3/17/2021	6.14	
8/24/2021	6.12	
3/9/2022	6.11	
8/10/2022	5.94	
2/15/2023	5.98	
8/15/2023	6.05	
2/20/2024		6.25
8/6/2024		6.1
2/19/2025		6.03

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
1/25/2016	6.23	
3/23/2016	6.7	
5/24/2016	6.26	
7/22/2016	6.956045	
9/16/2016	6.411956	
11/16/2016	6.15	
1/25/2017	6.09	
3/22/2017	6.18	
5/1/2017	6.45	
8/3/2017	6.52	
1/22/2018	6.22	
6/26/2018	6.15	
10/2/2018	6.47	
1/30/2019	6.41	
6/26/2019	6.3	
9/12/2019	6.5	
3/12/2020	6.37	
9/16/2020	5.88	
3/18/2021	6.41	
8/24/2021	6.32	
3/9/2022	5.85	
5/4/2022	6.67	
8/15/2022	6.16	
2/20/2023	6.21	
8/15/2023	6.23	
2/20/2024		6.49
7/31/2024		5.86
2/19/2025		6.2

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
1/21/2016	5.51	
3/24/2016	6.66 (O)	
5/23/2016	5.92	
7/21/2016	6.008569	
9/15/2016	5.982305	
11/15/2016	6.03	
1/25/2017	5.92	
3/22/2017	5.66	
5/1/2017	5.88	
8/3/2017	5.98	
10/3/2017	5.91	
1/23/2018	6.11	
6/20/2018	5.97	
10/2/2018	5.86	
1/28/2019	6.08	
6/26/2019	5.8	
9/11/2019	5.92	
3/11/2020	5.93	
9/11/2020	5.68	
3/16/2021	5.78	
8/24/2021	5.93	
3/2/2022	5.91	
8/10/2022	5.78	
2/20/2023	5.96	
8/16/2023	5.78	
2/22/2024		6.43
8/5/2024		5.6
2/13/2025		6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
1/21/2016	5.19	
3/24/2016	6.32 (O)	
5/25/2016	5.58	
7/21/2016	5.701591	
9/15/2016	5.629095	
11/15/2016	5.66	
1/26/2017	5.61	
3/22/2017	5.42	
5/2/2017	5.72	
8/3/2017	5.65	
10/3/2017	5.62	
1/23/2018	5.64	
6/19/2018	5.59	
10/1/2018	5.55	
1/21/2019	5.53	
6/26/2019	5.55	
9/12/2019	5.68	
3/11/2020	5.62	
9/11/2020	5.4	
3/16/2021	5.44	
8/18/2021	5.53	
3/2/2022	5.73	
8/15/2022	5.55	
2/20/2023	5.51	
8/16/2023	5.42	
2/22/2024		5.56
8/5/2024		5.25
9/30/2024		5.66
2/18/2025		5.44

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
3/23/2016	<1	
5/20/2016	<1	
7/21/2016	<1	
9/15/2016	<1	
11/11/2016	<1	
1/19/2017	<1	
3/16/2017	<1	
4/28/2017	<1	
10/4/2017	<1	
1/19/2018	<1	
6/19/2018	<1	
9/25/2018	<1	
1/17/2019	0.5 (J)	
6/24/2019	<1	
9/9/2019	<1	
3/10/2020	1.7	
9/9/2020	<1	
3/15/2021	<1	
8/16/2021	<1	
2/28/2022	<1	
8/9/2022	<1	
2/14/2023	<1	
8/9/2023	<1	
2/13/2024		<1
7/30/2024		<1
2/11/2025		0.44 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
3/23/2016	1.001	
5/24/2016	0.576 (J)	
7/26/2016	0.91 (J)	
9/16/2016	0.87 (J)	
11/10/2016	0.79 (J)	
1/19/2017	0.87 (J)	
3/17/2017	1.8	
4/28/2017	1.7	
10/3/2017	1.9	
1/19/2018	1.8	
6/19/2018	1	
9/25/2018	0.78 (J)	
1/17/2019	2.5	
6/24/2019	0.91 (J)	
9/10/2019	0.9 (J)	
3/10/2020	2.5	
9/10/2020	1	
3/15/2021	1.5	
8/18/2021	0.9 (J)	
3/1/2022	2	
8/9/2022	0.54 (J)	
2/14/2023	2.5	
8/9/2023	1.2	
2/14/2024		6.7
7/30/2024		2.5
2/11/2025		15

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
3/23/2016	9.0208	
5/19/2016	10	
7/21/2016	10	
9/14/2016	9.7	
11/10/2016	8.1	
1/17/2017	15	
3/16/2017	9.1	
4/27/2017	9.6	
10/3/2017	9.8	
1/22/2018	10	
6/19/2018	10	
9/25/2018	9.7	
1/17/2019	9.4	
6/24/2019	10	
9/10/2019	11	
3/10/2020	12	
9/9/2020	9.4	
3/15/2021	7.7	
8/18/2021	9.7	
3/1/2022	9.6	
8/9/2022	10	
2/14/2023	9.3	
8/9/2023	10	
2/14/2024		8.2
7/29/2024		8.6
2/10/2025		11

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
3/22/2016	1.1423	
5/23/2016	1.44	
7/25/2016	1.1	
9/15/2016	0.99 (J)	
11/9/2016	1.1	
1/17/2017	0.85 (J)	
3/16/2017	1.2	
4/27/2017	<1	
10/3/2017	1.4	
1/19/2018	1.1	
3/15/2018	0.74 (J)	
6/19/2018	0.94 (J)	
9/25/2018	1.3	
1/21/2019	1.6	
6/25/2019	2.2	
9/10/2019	1.3	
3/10/2020	3	
9/9/2020	1.4	
3/15/2021	0.95 (J)	
8/16/2021	1.1	
3/1/2022	1	
8/9/2022	0.7 (J)	
2/14/2023	1.2	
8/9/2023	1.2	
2/14/2024		0.61 (J)
7/29/2024		0.95 (J)
2/10/2025		1

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
3/22/2016	8.4662	
5/19/2016	10	
7/21/2016	13	
1/17/2017	7.6	
3/15/2017	6.3	
4/27/2017	8	
7/18/2017	6	
8/1/2017	7.7	
10/3/2017	7	
1/19/2018	5.7	
3/15/2018	5.6	
6/19/2018	7	
9/25/2018	9.1	
1/18/2019	6.4	
6/25/2019	26	
9/10/2019	9.2	
3/10/2020	6	
9/9/2020	6.5	
3/15/2021	6.8	
8/18/2021	6.7	
3/2/2022	6	
8/9/2022	7.8	
2/13/2023	4.3	
8/8/2023	8.7	
2/14/2024		3.3
7/30/2024		6.3
2/11/2025		5.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
3/28/2016	19.9405	
5/23/2016	21	
7/21/2016	17	
9/15/2016	16	
11/15/2016	15	
1/26/2017	13	
3/22/2017	13	
5/2/2017	25	
10/3/2017	21	
1/23/2018	26	
6/25/2018	30	
10/3/2018	29	
1/30/2019	31	
6/26/2019	31	
9/12/2019	34	
3/16/2020	29	
9/9/2020	27	
3/17/2021	26	
8/19/2021	29	
3/2/2022	28	
8/11/2022	26	
2/20/2023	25	
8/14/2023	25	
2/14/2024		25
7/31/2024		31
2/14/2025		35

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
3/28/2016	11.0351	
5/24/2016	12.8	
7/21/2016	16	
9/15/2016	15	
11/16/2016	15	
1/26/2017	16	
3/22/2017	13	
5/2/2017	10	
10/3/2017	11	
1/23/2018	10	
6/25/2018	11	
9/25/2018	14	
1/30/2019	9.7	
6/26/2019	9.3	
9/12/2019	14	
3/16/2020	30	
9/11/2020	12	
3/17/2021	12	
8/18/2021	13	
3/2/2022	13	
8/11/2022	14	
2/20/2023	9.8	
8/14/2023	11	
2/14/2024		8.9
8/1/2024		14
2/18/2025		12

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
3/29/2016	22.385 (JO)	
5/24/2016	85.8	
7/22/2016	86	
9/15/2016	84	
11/16/2016	89	
1/26/2017	85	
3/22/2017	81	
5/2/2017	76	
10/3/2017	74	
1/23/2018	57	
6/25/2018	62	
10/2/2018	60	
1/21/2019	64	
6/25/2019	59	
9/10/2019	52	
3/12/2020	52	
9/14/2020	45	
3/16/2021	45	
8/19/2021	45	
3/2/2022	41	
8/11/2022	38	
2/21/2023	40	
8/9/2023	36	
2/21/2024		45
8/1/2024		31
2/13/2025		36

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
3/29/2016	15.2958	
5/24/2016	18.5	
7/26/2016	19	
9/19/2016	31	
11/16/2016	36	
1/26/2017	49 (O)	
3/23/2017	21	
5/3/2017	17	
10/5/2017	16	
1/24/2018	10	
6/21/2018	11	
9/26/2018	20	
1/22/2019	12	
6/25/2019	14	
9/10/2019	14	
3/12/2020	18	
9/14/2020	15	
3/16/2021	17	
8/20/2021	17	
3/2/2022	14	
8/11/2022	19	
2/15/2023	14	
8/9/2023	19	
2/21/2024		19
7/30/2024		20
2/13/2025		52

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
3/29/2016	14.6203	
5/24/2016	14.7	
7/25/2016	20	
9/19/2016	22	
11/16/2016	22	
1/31/2017	44	
3/23/2017	29	
5/2/2017	18	
10/3/2017	17	
1/24/2018	14	
6/21/2018	13	
9/26/2018	17	
1/22/2019	12	
6/25/2019	11	
9/16/2019	16	
3/16/2020	11	
9/11/2020	16	
3/16/2021	9.2	
8/25/2021	14	
3/9/2022	6.6	
8/16/2022	27	
2/15/2023	9.4	
8/9/2023	25	
2/19/2024		16
7/31/2024		17
2/18/2025		14

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:25 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
3/30/2016	24.0688	
5/25/2016	20.7	
7/27/2016	28	
9/16/2016	29	
11/17/2016	40	
2/1/2017	40	
3/24/2017	28	
5/3/2017	38	
10/4/2017	45	
1/25/2018	33	
6/21/2018	21	
9/27/2018	28	
1/31/2019	20	
6/26/2019	13	
9/17/2019	12	
3/17/2020	16	
9/10/2020	17	
3/18/2021	11	
8/20/2021	10	
3/8/2022	13	
8/16/2022	8.5	
2/15/2023	8.5	
8/10/2023	6.9	
2/20/2024		13
7/31/2024		8.2
2/19/2025		10

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
3/29/2016	<1	
5/25/2016	<1	
7/25/2016	<1	
9/19/2016	<1	
11/16/2016	<1	
1/31/2017	3.7 (O)	
3/23/2017	1.5	
5/2/2017	<1	
10/4/2017	<1	
1/24/2018	<1	
6/20/2018	<1	
9/27/2018	<1	
1/24/2019	0.77 (J)	
6/26/2019	0.47 (J)	
9/16/2019	<1	
3/16/2020	0.44 (J)	
9/10/2020	<1	
3/17/2021	<1	
8/23/2021	<1	
3/7/2022	<1	
8/15/2022	<1	
2/21/2023	0.43 (J)	
8/14/2023	0.5 (J)	
2/14/2024		0.9 (J)
8/6/2024		<1
2/18/2025		1.6

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
3/29/2016	19.1889	
5/25/2016	19.8	
7/22/2016	20	
9/15/2016	20	
11/16/2016	19	
1/31/2017	23	
3/23/2017	23	
5/3/2017	22	
10/4/2017	22	
1/24/2018	22	
6/26/2018	23	
9/28/2018	24	
1/25/2019	25	
6/26/2019	25	
9/11/2019	26	
3/18/2020	25	
9/10/2020	26	
3/16/2021	29	
8/19/2021	33	
3/7/2022	40	
8/16/2022	36	
2/15/2023	32	
8/14/2023	30	
2/20/2024		37
8/6/2024		30
2/17/2025		37

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
3/29/2016	2.8316	
5/25/2016	2.62	
7/26/2016	2.7	
9/15/2016	2.6	
11/17/2016	2.2	
1/31/2017	2.6	
3/23/2017	2.6	
5/3/2017	2.6	
10/5/2017	2.5	
1/25/2018	2.5	
6/20/2018	2.5	
10/2/2018	2.7	
1/22/2019	2.8	
6/25/2019	3	
9/12/2019	2.2	
3/12/2020	4.5	
9/10/2020	2.3	
3/17/2021	2.5	
8/23/2021	2	
3/8/2022	3.3	
8/15/2022	1.8	
2/21/2023	1.8	
8/16/2023	2	
2/19/2024		3.7
8/5/2024		1.8
2/18/2025		2.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
3/30/2016	7.2023	
5/25/2016	10.5	
7/26/2016	38	
9/15/2016	13	
11/17/2016	18	
2/1/2017	8.2	
3/23/2017	10	
5/3/2017	10	
10/4/2017	22	
1/25/2018	9.9	
6/20/2018	18	
10/1/2018	11	
1/22/2019	13	
6/25/2019	13	
9/12/2019	22	
3/17/2020	12	
9/10/2020	17	
3/17/2021	16	
8/23/2021	8.6	
3/7/2022	16	
8/16/2022	18	
2/17/2023	5.7	
8/14/2023	2.7	
2/19/2024		7.7
8/6/2024		9.3 (J)
2/17/2025		7.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
3/30/2016	1.7296	
5/25/2016	1.52	
7/26/2016	1.2	
9/20/2016	0.85 (J)	
11/17/2016	0.83 (J)	
2/1/2017	1.9	
3/23/2017	1.6	
5/3/2017	1.3	
10/4/2017	1.4	
1/25/2018	1.4	
6/20/2018	2.1	
10/1/2018	1.4	
1/22/2019	2	
6/25/2019	2	
9/17/2019	1.4	
3/16/2020	2.3	
9/10/2020	1.2	
3/18/2021	1.7	
8/24/2021	2	
3/7/2022	3.1	
8/16/2022	1.1	
2/21/2023	1.1	
8/14/2023	1.3	
2/21/2024		4.1
8/6/2024		2
2/18/2025		2.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
3/30/2016	0.5433 (J)	
5/25/2016	0.4393 (J)	
7/27/2016	<1	
9/16/2016	<1	
11/17/2016	<1	
2/1/2017	<1	
3/24/2017	<1	
5/3/2017	<1	
10/5/2017	<1	
1/25/2018	<1	
6/20/2018	<1	
10/1/2018	<1	
1/25/2019	0.66 (J)	
6/25/2019	0.84 (J)	
9/11/2019	0.6 (J)	
3/17/2020	0.84 (J)	
9/11/2020	0.4 (J)	
3/17/2021	<1	
8/20/2021	1	
3/8/2022	1.1	
8/16/2022	<1	
2/20/2023	<1	
8/14/2023	0.43 (J)	
2/21/2024		<1
8/5/2024		<1
2/11/2025		1.1

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
3/30/2016	0.8313 (J)	
5/25/2016	0.795 (J)	
7/27/2016	0.7 (J)	
9/19/2016	<5	
11/17/2016	0.75 (J)	
2/1/2017	<5	
3/24/2017	<5	
5/3/2017	<5	
10/4/2017	<5	
1/25/2018	<5	
6/26/2018	<5	
10/2/2018	<5	
1/24/2019	0.88 (J)	
6/25/2019	1.1	
9/11/2019	0.99 (J)	
3/17/2020	1.2	
9/14/2020	0.92 (J)	
3/16/2021	<5	
8/20/2021	1.1	
3/8/2022	1	
8/11/2022	<5	
2/20/2023	0.5 (J)	
8/10/2023	0.61 (J)	
2/20/2024		4.7
8/7/2024		<5
2/13/2025		0.84 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
3/30/2016	0.6239 (J)	
5/26/2016	0.598 (J)	
7/25/2016	<1	
9/19/2016	<1	
11/17/2016	<1	
2/1/2017	<1	
3/24/2017	<1	
5/3/2017	<1	
10/5/2017	<1	
1/25/2018	<1	
6/21/2018	<1	
9/28/2018	<1	
1/28/2019	0.69 (J)	
6/27/2019	0.85 (J)	
9/11/2019	0.7 (J)	
3/17/2020	1	
9/14/2020	0.7 (J)	
3/16/2021	<1	
8/24/2021	0.89 (J)	
3/8/2022	1.1	
8/11/2022	<1	
2/20/2023	0.41 (J)	
8/9/2023	0.64 (J)	
2/21/2024		1.1
8/7/2024		<1
2/13/2025		0.71 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
3/30/2016	2.3237	
5/26/2016	0.574 (J)	
7/25/2016	<1	
9/19/2016	<1	
11/17/2016	<1	
2/2/2017	8.6 (O)	
3/24/2017	2.5	
5/3/2017	0.88 (J)	
10/5/2017	0.81 (J)	
1/25/2018	0.77 (J)	
6/21/2018	<1	
9/27/2018	<1	
1/28/2019	1.2	
6/26/2019	0.88 (J)	
9/12/2019	0.39 (J)	
3/18/2020	1.1	
9/15/2020	0.53 (J)	
3/17/2021	<1	
8/24/2021	2.5	
3/8/2022	0.94 (J)	
8/11/2022	<1	
2/21/2023	0.52 (J)	
8/9/2023	0.48 (J)	
2/21/2024		1.2
8/6/2024		0.59 (J)
2/14/2025		1.3

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
3/30/2016	1.0356	
5/26/2016	0.979 (J)	
7/25/2016	0.94 (J)	
9/20/2016	0.83 (J)	
11/17/2016	0.71 (J)	
2/2/2017	0.82 (J)	
3/28/2017	0.75 (J)	
5/4/2017	1.1	
10/6/2017	0.79 (J)	
1/26/2018	<1	
6/21/2018	1.3	
9/27/2018	1.2	
1/28/2019	0.9 (J)	
6/25/2019	0.99 (J)	
9/11/2019	1.1	
3/18/2020	0.72 (J)	
9/15/2020	0.83 (J)	
3/16/2021	<1	
8/24/2021	0.88 (J)	
3/7/2022	1.3	
8/16/2022	0.58 (J)	
2/22/2023	0.65 (J)	
8/9/2023	0.78 (J)	
2/20/2024		2.6
8/2/2024		<1
2/14/2025		0.65 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
3/30/2016	0.3269 (J)	
5/26/2016	<10	
7/26/2016	<10	
9/20/2016	<10	
11/17/2016	<10	
2/2/2017	<10	
3/28/2017	<10	
5/4/2017	<10	
10/6/2017	<10	
1/26/2018	<10	
6/20/2018	<10	
9/27/2018	<10	
1/24/2019	<10	
6/25/2019	<10	
9/11/2019	0.42 (J)	
3/18/2020	<10	
9/15/2020	<10	
3/16/2021	<10	
8/19/2021	<10	
3/7/2022	1.1	
8/16/2022	<10	
2/21/2023	<10	
8/9/2023	<10	
2/19/2024		0.98 (J)
7/30/2024		<10
2/11/2025		0.46 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
3/31/2016	0.3648 (J)	
5/26/2016	0.562 (J)	
7/26/2016	<1	
9/20/2016	<1	
11/17/2016	<1	
2/3/2017	<1	
3/28/2017	<1	
5/3/2017	<1	
10/5/2017	<1	
1/25/2018	<1	
6/20/2018	<1	
10/1/2018	<1	
1/24/2019	0.81 (J)	
6/25/2019	0.76 (J)	
9/10/2019	<1	
3/18/2020	0.65 (J)	
9/10/2020	0.54 (J)	
3/15/2021	<1	
8/19/2021	1.2	
3/8/2022	<1	
8/17/2022	<1	
2/14/2023	0.54 (J)	
8/14/2023	0.53 (J)	
2/14/2024		0.62 (J)
8/6/2024		0.59 (J)
2/11/2025		0.87 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
3/29/2016	0.5302 (J)	
5/25/2016	0.3659 (J)	
7/27/2016	<1	
9/20/2016	<1	
11/18/2016	<1	
2/3/2017	<1	
3/28/2017	<1	
5/4/2017	<1	
10/5/2017	<1	
1/25/2018	<1	
6/20/2018	<1	
10/1/2018	<1	
1/25/2019	0.38 (J)	
6/26/2019	0.64 (J)	
9/12/2019	0.54 (J)	
3/18/2020	<1	
9/10/2020	<1	
3/18/2021	<1	
8/23/2021	<1	
3/9/2022	0.76 (J)	
8/16/2022	<1	
2/21/2023	<1	
8/15/2023	0.44 (J)	
2/19/2024		1.5
7/30/2024		<1
2/11/2025		0.73 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
3/30/2016	1.0189	
5/25/2016	0.6811 (J)	
7/27/2016	<1	
9/16/2016	<1	
11/18/2016	<1	
2/3/2017	<1	
3/29/2017	<1	
5/4/2017	<1	
10/5/2017	<1	
1/25/2018	<1	
6/27/2018	<1	
9/28/2018	<1	
1/31/2019	<1	
6/26/2019	0.71 (J)	
9/11/2019	0.59 (J)	
3/12/2020	2.3	
9/15/2020	0.53 (J)	
3/18/2021	<1	
8/19/2021	0.77 (J)	
3/10/2022	0.83 (J)	
8/18/2022	<1	
2/16/2023	0.4 (J)	
8/16/2023	0.6 (J)	
2/22/2024		0.57 (J)
8/6/2024		<1
2/14/2025		0.57 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
3/28/2016	8.3151	
5/26/2016	4.31	
7/27/2016	6.1	
9/19/2016	11	
11/15/2016	18	
1/24/2017	26 (O)	
3/23/2017	23 (O)	
5/2/2017	27 (O)	
10/5/2017	16	
1/25/2018	15	
6/27/2018	12	
9/26/2018	12	
1/24/2019	1.4	
6/25/2019	1.6	
9/11/2019	5.7	
3/12/2020	9.7	
9/14/2020	3.8	
3/17/2021	7.2	
8/19/2021	7.2	
3/8/2022	5.4	
8/10/2022	5.2	
2/21/2023	7.4	
8/15/2023	5.7	
2/21/2024		9.6
8/1/2024		11
2/14/2025		6.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
3/24/2016	0.4337 (J)	
5/25/2016	0.3421 (J)	
7/26/2016	<1	
9/19/2016	<1	
11/14/2016	<1	
1/19/2017	<1	
3/16/2017	<1	
5/1/2017	<1	
10/4/2017	<1	
1/22/2018	<1	
6/27/2018	<1	
9/27/2018	<1	
1/24/2019	0.57 (J)	
6/25/2019	0.78 (J)	
9/12/2019	<1	
3/13/2020	1.8	
9/15/2020	0.45 (J)	
3/17/2021	<1	
8/19/2021	0.82 (J)	
3/9/2022	<1	
8/10/2022	<1	
2/21/2023	<1	
8/16/2023	0.47 (J)	
2/20/2024		1.3
8/2/2024		0.8 (J)
2/13/2025		0.53 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
3/23/2016	1.3897	
5/24/2016	0.598 (J)	
7/26/2016	3	
9/19/2016	1.6	
11/11/2016	3	
1/20/2017	2.2	
3/16/2017	0.95 (J)	
4/28/2017	2.1	
10/3/2017	<1	
1/19/2018	1.4	
3/16/2018	<1	
6/27/2018	1.7	
9/27/2018	2.5	
1/24/2019	0.39 (J)	
6/26/2019	3.2	
9/12/2019	0.82 (J)	
3/12/2020	2	
9/9/2020	2.4	
3/18/2021	2.3	
8/23/2021	0.78 (J)	
3/8/2022	1.6	
8/10/2022	1.7	
2/20/2023	0.47 (J)	
8/15/2023	1.7	
2/20/2024		2.5
7/30/2024		1.8
2/11/2025		1.9

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
3/23/2016	1.3729	
5/20/2016	1.31	
7/21/2016	1.3	
9/20/2016	1.3	
11/14/2016	1.1	
1/24/2017	1.3	
3/17/2017	1.3	
5/1/2017	1.2	
10/4/2017	1.2	
1/24/2018	1	
6/21/2018	1	
10/3/2018	1.2	
1/30/2019	1.2	
6/27/2019	1.7	
9/10/2019	1.3	
3/11/2020	3.3	
9/10/2020	1	
3/18/2021	1.1	
8/23/2021	1.2	
3/2/2022	1.4	
8/10/2022	0.79 (J)	
2/14/2023	1	
8/16/2023	1.1	
2/21/2024		2.5
8/5/2024		1
2/13/2025		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
3/30/2016	15.0114	
5/25/2016	19.1	
1/25/2017	13	
7/19/2017	15	
9/6/2017	76 (Jo)	
10/6/2017	19	
1/23/2018	15	
3/16/2018	12	
6/27/2018	14	
10/3/2018	18	
1/31/2019	10	
6/26/2019	9.9	
3/17/2020	7.3	
9/11/2020	15	
3/16/2021	11	
8/25/2021	12	
3/10/2022	8.9	
8/16/2022	11	
2/22/2023	9.8	
8/16/2023	9.6	
2/21/2024		11
2/18/2025		8.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
3/23/2016	12.8473	
5/24/2016	13.5	
7/22/2016	12	
9/16/2016	12	
11/15/2016	13	
1/26/2017	9.2	
3/24/2017	9.2	
5/2/2017	9	
10/6/2017	8.8	
1/23/2018	9.4	
3/16/2018	9.1	
6/26/2018	12	
10/2/2018	9.7	
1/30/2019	11	
6/27/2019	9.9	
9/12/2019	9.7	
3/18/2020	8.8	
9/15/2020	9.9	
3/17/2021	9.1	
8/24/2021	10	
3/9/2022	7.6	
8/10/2022	8.7	
2/15/2023	8.3	
8/15/2023	9.1	
2/20/2024		11
8/6/2024		2.8
2/19/2025		7.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
3/23/2016	19.6956	
11/17/2016	22	
1/25/2017	50 (O)	
3/23/2017	28	
5/1/2017	25	
7/19/2017	22	
8/4/2017	25	
8/24/2017	19	
9/6/2017	<100 (o)	
10/5/2017	18	
1/23/2018	14	
6/26/2018	9.2	
10/2/2018	11	
1/30/2019	14	
6/26/2019	10	
9/12/2019	12	
3/12/2020	11	
9/16/2020	7	
3/18/2021	9.1	
8/24/2021	8.1	
3/9/2022	7.4	
8/15/2022	7.7	
2/20/2023	7.5	
8/15/2023	7.6	
2/20/2024		11
7/31/2024		7.5
2/19/2025		8.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
3/24/2016	1.8782	
5/23/2016	1.44	
7/21/2016	1.6	
9/15/2016	1.6	
11/15/2016	1.3	
1/25/2017	1.5	
3/22/2017	1.5	
5/1/2017	1.4	
10/3/2017	1.4	
1/23/2018	1.2	
6/20/2018	1.7	
10/2/2018	1.4	
1/28/2019	1.6	
6/26/2019	1.9	
9/11/2019	1.6	
3/11/2020	3.8	
9/11/2020	1.2	
3/16/2021	1.3	
8/24/2021	1.4	
3/2/2022	1.6	
8/10/2022	0.89 (J)	
2/20/2023	1	
8/16/2023	1.2	
2/22/2024		2.5
8/5/2024		1.5
2/13/2025		1.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
3/24/2016	2.7482	
5/23/2016	2.76	
7/21/2016	2.8	
9/15/2016	2.4	
11/15/2016	2.3	
1/26/2017	2.7	
3/22/2017	2.4	
5/2/2017	2.5	
10/3/2017	2.5	
1/23/2018	2.4	
6/19/2018	2.7	
10/1/2018	2.8	
1/21/2019	2.7	
6/26/2019	2.8	
9/12/2019	2.3	
3/11/2020	4.7	
9/11/2020	2	
3/16/2021	2.2	
8/18/2021	2.7	
3/2/2022	3.2	
8/15/2022	2.4	
2/20/2023	2.2	
8/16/2023	3.5	
2/22/2024		4.7
8/5/2024		4.5
2/18/2025		7

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1	GWA-1
3/23/2016	<10	
5/20/2016	<10	
7/21/2016	14	
9/15/2016	12	
11/11/2016	4 (J)	
1/19/2017	<10	
3/16/2017	14	
4/28/2017	<10	
10/4/2017	34	
1/19/2018	<10	
6/19/2018	16	
9/25/2018	24	
1/17/2019	20	
6/24/2019	21	
9/9/2019	16	
3/10/2020	12	
9/9/2020	12	
3/15/2021	<10	
8/16/2021	15	
2/28/2022	25	
8/9/2022	21	
2/14/2023	17	
8/9/2023	<10	
2/13/2024		18
7/30/2024		16
2/11/2025		22

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-2	GWA-2
3/23/2016	41	
5/24/2016	51	
7/26/2016	8	
9/16/2016	40	
11/10/2016	58	
1/19/2017	28	
3/17/2017	<5	
4/28/2017	<5	
10/3/2017	36	
1/19/2018	10	
6/19/2018	<5	
9/25/2018	32	
1/17/2019	46	
6/24/2019	72	
9/10/2019	52	
3/10/2020	43	
9/10/2020	40	
3/15/2021	39	
8/18/2021	50	
3/1/2022	26	
8/9/2022	52	
2/14/2023	43	
8/9/2023	47	
2/14/2024		46
7/30/2024		48
2/11/2025		57

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4	GWA-4
3/23/2016	139	
5/19/2016	175	
7/21/2016	170	
9/14/2016	150	
11/10/2016	180	
1/17/2017	130	
3/16/2017	180	
4/27/2017	160	
10/3/2017	140	
1/22/2018	140	
6/19/2018	160	
9/25/2018	130	
1/17/2019	160	
6/24/2019	170	
9/10/2019	190	
3/10/2020	190	
9/9/2020	170	
3/15/2021	120	
8/18/2021	150	
3/1/2022	140	
8/9/2022	190	
2/14/2023	150	
8/9/2023	160	
2/14/2024		170
7/29/2024		150
2/10/2025		170

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28	GWA-28
3/22/2016	69	
5/23/2016	92	
7/25/2016	38	
9/15/2016	64	
11/9/2016	80	
1/17/2017	54	
3/16/2017	40	
4/27/2017	84	
10/3/2017	70	
1/19/2018	36	
6/19/2018	70	
9/25/2018	36	
1/21/2019	58	
6/25/2019	88	
9/10/2019	86	
3/10/2020	40	
9/9/2020	43	
3/15/2021	54	
8/16/2021	50	
3/1/2022	72	
8/9/2022	85	
2/14/2023	90	
8/9/2023	76	
2/14/2024		82
7/29/2024		81
2/10/2025		91

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29	GWA-29
3/22/2016	92	
5/19/2016	99	
7/21/2016	100	
1/17/2017	66	
3/15/2017	88	
4/27/2017	92	
7/18/2017	84	
8/1/2017	60	
10/3/2017	46	
1/19/2018	4 (J)	
6/19/2018	66	
9/25/2018	80	
1/18/2019	81	
6/25/2019	97	
9/10/2019	120	
3/10/2020	50	
9/9/2020	58	
3/15/2021	77	
8/18/2021	76	
3/2/2022	85	
8/9/2022	93	
2/13/2023	88	
8/8/2023	97	
2/14/2024		84
7/30/2024		83
2/11/2025		84

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-5
3/28/2016	172	
5/23/2016	189	
7/21/2016	170	
9/15/2016	180	
11/15/2016	180	
1/26/2017	120	
3/22/2017	110	
5/2/2017	140	
10/3/2017	170	
1/23/2018	210	
6/25/2018	200	
10/3/2018	230	
1/30/2019	220	
6/26/2019	120	
9/12/2019	230	
3/16/2020	210	
9/9/2020	210	
3/17/2021	180	
8/19/2021	220	
3/2/2022	180	
8/11/2022	190	
2/20/2023	200	
8/14/2023	210	
2/14/2024		210
7/31/2024		210
2/14/2025		220

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
3/28/2016	92	
5/24/2016	115	
7/21/2016	120	
9/15/2016	130	
11/16/2016	150	
1/26/2017	74	
3/22/2017	120	
5/2/2017	82	
10/3/2017	100	
1/23/2018	120	
6/25/2018	110	
9/25/2018	120	
1/30/2019	120	
6/26/2019	41	
9/12/2019	170	
3/16/2020	110	
9/11/2020	160	
3/17/2021	110	
8/18/2021	140	
3/2/2022	130	
8/11/2022	120	
2/20/2023	130	
8/14/2023	130	
2/14/2024		130
8/1/2024		130
2/18/2025		120

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-7
3/29/2016	517	
5/24/2016	494	
7/22/2016	430	
9/15/2016	460	
11/16/2016	500	
1/26/2017	440	
3/22/2017	440	
5/2/2017	420	
10/3/2017	450	
1/23/2018	390	
6/25/2018	400	
10/2/2018	440	
1/21/2019	340	
6/25/2019	400	
9/10/2019	380	
3/12/2020	360	
9/14/2020	380	
3/16/2021	390	
8/19/2021	380	
3/2/2022	370	
8/11/2022	370	
2/21/2023	370	
8/9/2023	330	
2/21/2024		350
8/1/2024		340
2/13/2025		320

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-8
3/29/2016	172	
5/24/2016	196	
7/26/2016	160	
9/19/2016	220	
11/16/2016	240	
1/26/2017	130	
3/23/2017	190	
5/3/2017	160	
10/5/2017	200	
1/24/2018	94	
6/21/2018	210	
9/26/2018	180	
1/22/2019	86	
6/25/2019	200	
9/10/2019	220	
3/12/2020	140	
9/14/2020	190	
3/16/2021	170	
8/20/2021	170	
3/2/2022	150	
8/11/2022	190	
2/15/2023	130	
8/9/2023	180	
2/21/2024		130
7/30/2024		140
2/13/2025		160

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
3/29/2016	93	
5/24/2016	162	
7/25/2016	200	
9/19/2016	340 (O)	
11/16/2016	280 (O)	
1/31/2017	160	
3/23/2017	230	
5/2/2017	150	
10/3/2017	190	
1/24/2018	160	
6/21/2018	150	
9/26/2018	130	
1/22/2019	68	
6/25/2019	160	
9/16/2019	190	
3/16/2020	100	
9/11/2020	160	
3/16/2021	100	
8/25/2021	130	
3/9/2022	82	
8/16/2022	140	
2/15/2023	64	
8/9/2023	120	
2/19/2024		69
7/31/2024		92
2/18/2025		75

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
3/30/2016	177	
5/25/2016	181	
7/27/2016	210	
9/16/2016	190	
11/17/2016	240	
2/1/2017	120	
3/24/2017	180	
5/3/2017	170	
10/4/2017	230	
1/25/2018	190	
6/21/2018	32	
9/27/2018	200	
1/31/2019	150	
6/26/2019	46	
9/17/2019	120	
3/17/2020	140	
9/10/2020	170	
3/18/2021	130	
8/20/2021	140	
3/8/2022	130	
8/16/2022	150	
2/15/2023	130	
8/10/2023	120	
2/20/2024		120
7/31/2024		130
2/19/2025		120

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
3/29/2016	163	
5/25/2016	197	
7/25/2016	220	
9/19/2016	240	
11/16/2016	200	
1/31/2017	110	
3/23/2017	140	
5/2/2017	180	
10/4/2017	210	
1/24/2018	130	
6/20/2018	140	
9/27/2018	130	
1/24/2019	<10	
6/26/2019	87	
9/16/2019	190	
3/16/2020	46	
9/10/2020	160	
3/17/2021	170	
8/23/2021	190	
3/7/2022	130	
8/15/2022	170	
2/21/2023	40	
8/14/2023	130	
2/14/2024		60
8/6/2024		63
2/18/2025		130

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-12	GWC-12
3/29/2016	151	
5/25/2016	175	
7/22/2016	130	
9/15/2016	160	
11/16/2016	230	
1/31/2017	170	
3/23/2017	220	
5/3/2017	150	
10/4/2017	190	
1/24/2018	210	
6/26/2018	200	
9/28/2018	180	
1/25/2019	170	
6/26/2019	140	
9/11/2019	220	
3/18/2020	200	
9/10/2020	220	
3/16/2021	250	
8/19/2021	240	
3/7/2022	220	
8/16/2022	250	
2/15/2023	220	
8/14/2023	250	
2/20/2024		220
8/6/2024		270
2/17/2025		260

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-13
3/29/2016	48	
5/25/2016	61	
7/26/2016	40	
9/15/2016	54	
11/17/2016	64	
1/31/2017	36	
3/23/2017	76	
5/3/2017	32	
10/5/2017	42	
1/25/2018	48	
6/20/2018	12	
10/2/2018	72	
1/22/2019	42	
6/25/2019	56	
9/12/2019	73	
3/12/2020	56	
9/10/2020	44	
3/17/2021	42	
8/23/2021	56	
3/8/2022	38	
8/15/2022	64	
2/21/2023	58	
8/16/2023	57	
2/19/2024		57
8/5/2024		63
2/18/2025		63

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-14	GWC-14
3/30/2016	165	
5/25/2016	233	
7/26/2016	330	
9/15/2016	350	
11/17/2016	440	
2/1/2017	150	
3/23/2017	250	
5/3/2017	190	
10/4/2017	520	
1/25/2018	160	
6/20/2018	310	
10/1/2018	250	
1/22/2019	200	
6/25/2019	280	
9/12/2019	470	
3/17/2020	370	
9/10/2020	390	
3/17/2021	430	
8/23/2021	290	
3/7/2022	320	
8/16/2022	380	
2/17/2023	260	
8/14/2023	280	
2/19/2024		290
8/6/2024		360
2/17/2025		230

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-15
3/30/2016	94	
5/25/2016	90	
7/26/2016	64	
9/20/2016	72	
11/17/2016	46	
2/1/2017	70	
3/23/2017	100	
5/3/2017	84	
10/4/2017	60	
1/25/2018	86	
6/20/2018	64	
10/1/2018	94	
1/22/2019	79	
6/25/2019	99	
9/17/2019	75	
3/16/2020	100	
9/10/2020	79	
3/18/2021	86	
8/24/2021	80	
3/7/2022	80	
8/16/2022	84	
2/21/2023	79	
8/14/2023	84	
2/21/2024		89
8/6/2024		78
2/18/2025		100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-16
3/30/2016	75	
5/25/2016	91	
7/27/2016	76	
9/16/2016	78	
11/17/2016	110	
2/1/2017	70	
3/24/2017	100	
5/3/2017	18	
10/5/2017	10	
1/25/2018	56	
6/20/2018	84	
10/1/2018	86	
1/25/2019	51	
6/25/2019	91	
9/11/2019	85	
3/17/2020	93	
9/11/2020	83	
3/17/2021	91	
8/20/2021	83	
3/8/2022	70	
8/16/2022	95	
2/20/2023	90	
8/14/2023	98	
2/21/2024		91
8/5/2024		95
2/11/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
3/30/2016	97	
5/25/2016	97	
7/27/2016	110	
9/19/2016	110	
11/17/2016	74	
2/1/2017	100	
3/24/2017	110	
5/3/2017	28	
10/4/2017	84	
1/25/2018	72	
6/26/2018	72	
10/2/2018	120	
1/24/2019	82	
6/25/2019	110	
9/11/2019	92	
3/17/2020	84	
9/14/2020	91	
3/16/2021	99	
8/20/2021	98	
3/8/2022	87	
8/11/2022	100	
2/20/2023	100	
8/10/2023	100	
2/20/2024		100
8/7/2024		100
2/13/2025		120

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-18
3/30/2016	84	
5/26/2016	80	
7/25/2016	54	
9/19/2016	96	
11/17/2016	42	
2/1/2017	66	
3/24/2017	88	
5/3/2017	64	
10/5/2017	50	
1/25/2018	70	
6/21/2018	84	
9/28/2018	74	
1/28/2019	77	
6/27/2019	77	
9/11/2019	64	
3/17/2020	90	
9/14/2020	96	
3/16/2021	93	
8/24/2021	99	
3/8/2022	72	
8/11/2022	92	
2/20/2023	88	
8/9/2023	91	
2/21/2024		93
8/7/2024		90
2/13/2025		96

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-19
3/30/2016	69	
5/26/2016	75	
7/25/2016	44	
9/19/2016	74	
11/17/2016	34	
2/2/2017	96	
3/24/2017	82	
5/3/2017	42	
10/5/2017	50	
1/25/2018	60	
6/21/2018	76	
9/27/2018	62	
1/28/2019	69	
6/26/2019	<10	
9/12/2019	87	
3/18/2020	64	
9/15/2020	51	
3/17/2021	67	
8/24/2021	85	
3/8/2022	61	
8/11/2022	74	
2/21/2023	79	
8/9/2023	71	
2/21/2024		81
8/6/2024		74
2/14/2025		77

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
3/30/2016	88	
5/26/2016	65	
7/25/2016	80	
9/20/2016	84	
11/17/2016	84	
2/2/2017	100	
3/28/2017	82	
5/4/2017	88	
10/6/2017	120	
12/1/2017	100	
1/26/2018	96	
6/21/2018	78	
9/27/2018	110	
1/28/2019	95	
6/25/2019	100	
9/11/2019	74	
3/18/2020	78	
9/15/2020	82	
3/16/2021	100	
8/24/2021	96	
3/7/2022	72	
8/16/2022	100	
2/22/2023	98	
8/9/2023	94	
2/20/2024		100
8/2/2024		100
2/14/2025		99

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
3/30/2016	42	
5/26/2016	42	
7/26/2016	48	
9/20/2016	56	
11/17/2016	34	
2/2/2017	36	
3/28/2017	48	
5/4/2017	22	
10/6/2017	70	
12/1/2017	42	
1/26/2018	52	
6/20/2018	36	
9/27/2018	56	
1/24/2019	42	
6/25/2019	63	
9/11/2019	16	
3/18/2020	49	
9/15/2020	54	
3/16/2021	65	
8/19/2021	84	
3/7/2022	43	
8/16/2022	68	
2/21/2023	50	
8/9/2023	80	
2/19/2024		53
7/30/2024		62
2/11/2025		68

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-22
3/31/2016	102	
5/26/2016	108	
7/26/2016	82	
9/20/2016	100	
11/17/2016	110	
2/3/2017	110	
3/28/2017	98	
5/3/2017	98	
10/5/2017	<5	
1/25/2018	98	
6/20/2018	94	
10/1/2018	100	
1/24/2019	100	
6/25/2019	110	
9/10/2019	120	
3/18/2020	93	
9/10/2020	100	
3/15/2021	89	
8/19/2021	120	
3/8/2022	89	
8/17/2022	110	
2/14/2023	110	
8/14/2023	110	
2/14/2024		110
8/6/2024		110
2/11/2025		110

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
3/29/2016	53	
5/25/2016	33	
7/27/2016	30	
9/20/2016	42	
11/18/2016	4 (J)	
2/3/2017	20	
3/28/2017	38	
5/4/2017	54	
10/5/2017	26	
1/25/2018	32	
6/20/2018	54	
10/1/2018	140 (O)	
1/25/2019	<10	
6/26/2019	44	
9/12/2019	58	
3/18/2020	29	
9/10/2020	40	
3/18/2021	29	
8/23/2021	47	
3/9/2022	40	
8/16/2022	42	
2/21/2023	44	
8/15/2023	45	
2/19/2024		43
7/30/2024		43
2/11/2025		43

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
3/30/2016	39	
5/25/2016	30	
7/27/2016	28	
9/16/2016	22	
11/18/2016	28	
2/3/2017	26	
3/29/2017	28	
5/4/2017	30	
10/5/2017	12	
1/25/2018	20	
6/27/2018	24	
9/28/2018	16	
1/31/2019	30	
6/26/2019	<10	
9/11/2019	<10	
3/12/2020	23	
9/15/2020	21	
3/18/2021	20	
8/19/2021	30	
3/10/2022	15	
8/18/2022	25	
2/16/2023	19	
8/16/2023	28	
2/22/2024		45
8/6/2024		31
2/14/2025		26

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
3/28/2016	90	
5/26/2016	75	
7/27/2016	78	
9/19/2016	100	
11/15/2016	110	
1/24/2017	96	
3/23/2017	96	
5/2/2017	100	
10/5/2017	86	
1/25/2018	100	
6/27/2018	60	
9/26/2018	60	
1/24/2019	54	
6/25/2019	58	
9/11/2019	53	
3/12/2020	76	
9/14/2020	44	
3/17/2021	56	
8/19/2021	81	
3/8/2022	59	
8/10/2022	77	
2/21/2023	74	
8/15/2023	85	
2/21/2024		82
8/1/2024		82
2/14/2025		75

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-26
3/24/2016	48	
5/25/2016	42	
7/26/2016	20	
9/19/2016	48	
11/14/2016	40	
1/19/2017	10	
3/16/2017	<5	
5/1/2017	10	
10/4/2017	60	
1/22/2018	40	
6/27/2018	8	
9/27/2018	86	
1/24/2019	34	
6/25/2019	49	
9/12/2019	61	
3/13/2020	32	
9/15/2020	43	
3/17/2021	35	
8/19/2021	50	
3/9/2022	28	
8/10/2022	39	
2/21/2023	42	
8/16/2023	46	
2/20/2024		42
8/2/2024		39
2/13/2025		39

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
3/23/2016	46	
5/24/2016	34	
7/26/2016	16	
9/19/2016	52	
11/11/2016	56	
1/20/2017	38	
3/16/2017	32	
4/28/2017	46	
10/3/2017	12	
1/19/2018	<10	
6/27/2018	54	
9/27/2018	58	
1/24/2019	<10	
6/26/2019	<10	
9/12/2019	50	
3/12/2020	26	
9/9/2020	52	
3/18/2021	34	
8/23/2021	30	
3/8/2022	25	
8/10/2022	46	
2/20/2023	34	
8/15/2023	51	
2/20/2024		40
7/30/2024		44
2/11/2025		40

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-30
3/23/2016	51	
5/20/2016	58	
7/21/2016	42	
9/20/2016	52	
11/14/2016	38	
1/24/2017	36	
3/17/2017	48	
5/1/2017	10	
10/4/2017	74	
1/24/2018	10	
6/21/2018	28	
10/3/2018	42	
1/30/2019	53	
6/27/2019	30	
9/10/2019	46	
3/11/2020	44	
9/10/2020	40	
3/18/2021	49	
8/23/2021	54	
3/2/2022	41	
8/10/2022	54	
2/14/2023	53	
8/16/2023	55	
2/21/2024		56
8/5/2024		55
2/13/2025		57

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
3/30/2016	128	
5/25/2016	118	
1/25/2017	120	
7/19/2017	100	
9/6/2017	90	
10/6/2017	120	
1/23/2018	70	
6/27/2018	92	
10/3/2018	86	
1/31/2019	160	
6/26/2019	110	
3/17/2020	86	
9/11/2020	110	
3/16/2021	96	
8/25/2021	110	
3/10/2022	87	
8/16/2022	74	
2/22/2023	90	
8/16/2023	100	
2/21/2024		90
2/18/2025		79

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-32	GWC-32
3/23/2016	75	
5/24/2016	83	
7/22/2016	76	
9/16/2016	84	
11/15/2016	94	
1/26/2017	68	
3/24/2017	110	
5/2/2017	76	
10/6/2017	130	
12/1/2017	110	
1/23/2018	110	
6/26/2018	66	
10/2/2018	100	
1/30/2019	91	
6/27/2019	47	
9/12/2019	100	
3/18/2020	120	
9/15/2020	92	
3/17/2021	79	
8/24/2021	94	
3/9/2022	74	
8/10/2022	90	
2/15/2023	79	
8/15/2023	84	
2/20/2024		83
8/6/2024		90
2/19/2025		80

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-33	GWC-33
3/23/2016	80	
11/17/2016	140	
1/25/2017	160	
3/23/2017	120	
5/1/2017	72	
7/19/2017	120	
8/4/2017	90	
8/24/2017	82	
9/6/2017	58	
10/5/2017	74	
1/23/2018	100	
6/26/2018	100	
10/2/2018	120	
1/30/2019	100	
6/26/2019	100	
9/12/2019	110	
3/12/2020	120	
9/16/2020	94	
3/18/2021	93	
8/24/2021	100	
3/9/2022	97	
8/15/2022	92	
2/20/2023	87	
8/15/2023	100	
2/20/2024		97
7/31/2024		96
2/19/2025		95

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
3/24/2016	55	
5/23/2016	61	
7/21/2016	32	
9/15/2016	62	
11/15/2016	56	
1/25/2017	<5	
3/22/2017	58	
5/1/2017	22	
10/3/2017	16	
1/23/2018	64	
6/20/2018	<5	
10/2/2018	98	
1/28/2019	33	
6/26/2019	61	
9/11/2019	20	
3/11/2020	36	
9/11/2020	36	
3/16/2021	46	
8/24/2021	44	
3/2/2022	42	
8/10/2022	53	
2/20/2023	48	
8/16/2023	52	
2/22/2024		56
8/5/2024		53
2/13/2025		52

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:26 PM View: Appendix III - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
3/24/2016	33	
5/23/2016	48	
7/21/2016	36	
9/15/2016	38	
11/15/2016	44	
1/26/2017	<5	
3/22/2017	34	
5/2/2017	4 (J)	
10/3/2017	26	
1/23/2018	56	
6/19/2018	28	
10/1/2018	40	
1/21/2019	17	
6/26/2019	46	
9/12/2019	51	
3/11/2020	42	
9/11/2020	32	
3/16/2021	42	
8/18/2021	50	
3/2/2022	28	
8/15/2022	52	
2/20/2023	53	
8/16/2023	64	
2/22/2024		81
8/5/2024		93
2/18/2025		82

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

FIGURE H.

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

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:28 PM

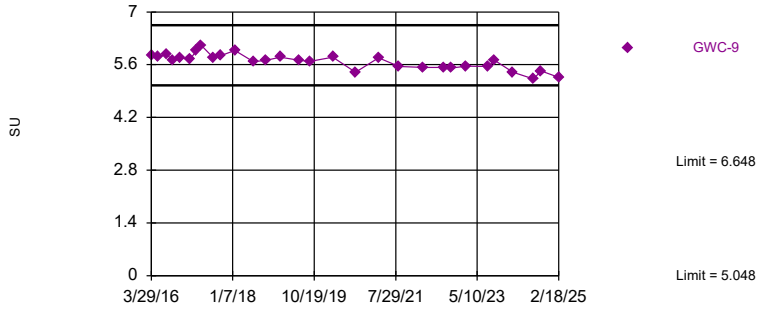
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWC-9	6.648	5.048	2/18/2025	5.26	No	157	5.848	0.3669	0	None	No	0.0001297	Param Inter 1 of 2
Sulfate (mg/L)	GWC-8	150	n/a	2/13/2025	52	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-11	150	n/a	2/18/2025	1.6	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-35	150	n/a	2/18/2025	7	No	148	n/a	n/a	16.89	n/a	n/a	0.00008947	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-35	410	n/a	2/18/2025	82	No	147	n/a	n/a	6.803	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2

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Within Limits

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=5.848, Std. Dev.=0.3669, n=157. Normality test: Chi Squared @alpha = 0.01, calculated = 8.669, critical = 14.07. Kappa = 2.181 (c=7, w=29, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.007498. Individual comparison alpha = 0.0001297. Assumes 28 future values.

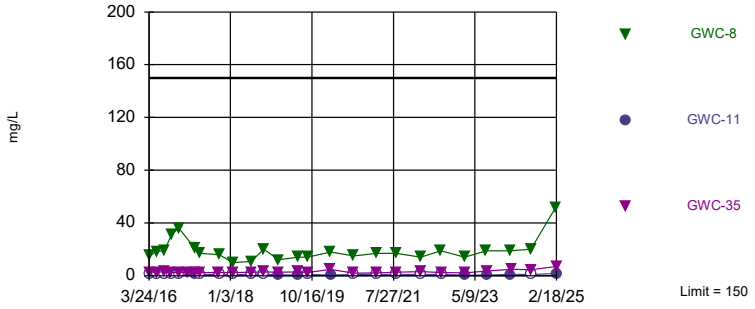
Constituent: pH, Field Analysis Run 7/30/2025 2:27 PM View: Appendix III - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 148 background values. 16.89% NDs. Annual per-constituent alpha = 0.005176. Individual comparison alpha = 0.00008947 (1 of 2). Comparing 3 points to limit. Assumes 26 future values.

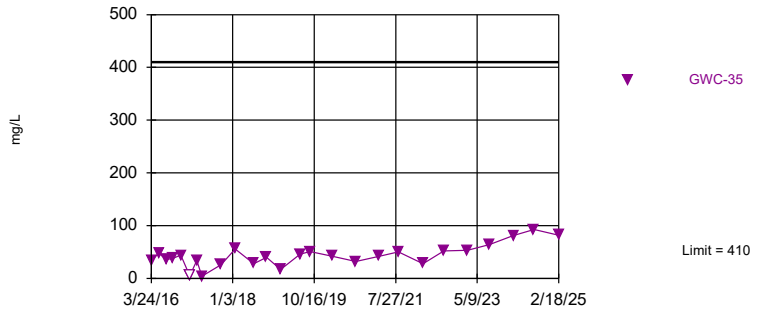
Constituent: Sulfate Analysis Run 7/30/2025 2:27 PM View: Appendix III - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 147 background values. 6.803% NDs. Annual per-constituent alpha = 0.005242. Individual comparison alpha = 0.00009061 (1 of 2). Assumes 28 future values.

Constituent: TDS Analysis Run 7/30/2025 2:27 PM View: Appendix III - Interwell - Two Step
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-2 (bg)	GWA-1 (bg)	GWA-28 (bg)	GWC-9	GWA-4 (bg)	GWA-3 (bg)
1/19/2016	5.92						
1/20/2016		5.47					
1/21/2016			5.03				
1/22/2016				6.27			
3/22/2016	5.92			6.72			
3/23/2016		5.85	5.56				
3/29/2016					5.86		
5/19/2016	5.95					6.45	
5/20/2016			5.62				
5/23/2016				6.29			
5/24/2016		5.86			5.81		
5/25/2016							6.48
7/21/2016	6.049508		5.500376			6.449699	
7/25/2016				6.178217	5.876175		
7/26/2016		5.808275					
7/27/2016							6.43219
9/14/2016						6.339431	
9/15/2016	6.180374	5.711552	5.31				
9/16/2016				6.087127			
9/19/2016					5.720024		
11/9/2016				6			
11/10/2016		5.63				6.19	
11/11/2016			5.4				
11/16/2016					5.77		
1/17/2017				6.09		6.18	
1/19/2017		5.63	5.73				
1/31/2017					5.75		
3/15/2017	5.86						
3/16/2017			5.25	5.98		6.1	
3/17/2017		5.68					
3/23/2017					5.97		
4/27/2017	5.85			5.96		6.51	
4/28/2017		5.77	5.35			6.51	
5/2/2017					6.11		
8/1/2017	5.86			6.01			6.35
8/2/2017		5.67				6.23	
8/3/2017			5.32				
8/7/2017					5.78		
10/3/2017	6.01	5.53		6.13	5.84	6.06	6.8
10/4/2017			5.44				
1/19/2018	5.83	5.68	5.39	6.15			
1/22/2018						6.3	
1/24/2018					5.98		6.77
6/19/2018	5.77	5.84	5.27	5.96		6.2	
6/20/2018							6.28
6/21/2018					5.68		
9/25/2018	5.92	5.52	5.27	5.94		6.21	
9/26/2018					5.71		
1/17/2019		5.81	5.43			6.29	6.06
1/18/2019	5.86						6.06
1/21/2019				5.92			
1/22/2019					5.8		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-2 (bg)	GWA-1 (bg)	GWA-28 (bg)	GWC-9	GWA-4 (bg)	GWA-3 (bg)
6/24/2019		5.75	5.3			6.12	5.68
6/25/2019	5.96			6.03	5.71		5.58
9/9/2019			5.37				
9/10/2019	5.94	5.63		5.79		6.18	
9/11/2019							5.49
9/16/2019					5.69		
3/10/2020	5.75	5.72	5.42	6.05		6.24	5.53
3/16/2020					5.8		
9/9/2020	5.63		5.62	5.9		6.19	5.34
9/10/2020		5.41					
9/11/2020					5.4		
3/15/2021	5.51	5.44	5.55	6.09		6	5.28
3/16/2021					5.78		
8/16/2021			5.48	6.21			
8/18/2021	5.79	5.58				6.22	5.32
8/25/2021					5.55		
2/28/2022			5.29				
3/1/2022		5.65		5.96		6.29	5.7
3/2/2022	5.87						
3/9/2022					5.53		
8/9/2022	5.9	5.64	5.33	6.08		6.3	5.45
8/16/2022					5.53		
10/12/2022					5.51		
2/13/2023	5.64						
2/14/2023		5.64	5.56	6.12		6.2	5.53
2/15/2023					5.56		
8/8/2023	5.94						5.56
8/9/2023		5.56	5.26	6.16	5.55	6.41	
9/27/2023					5.71		
2/13/2024			5.35				
2/14/2024	5.86	5.67		6.29		6.38	
2/19/2024					5.4		
7/29/2024				5.88		6.04	
7/30/2024	5.55	4.88	5.47				
7/31/2024					5.22		6.07
9/30/2024					5.43		
2/10/2025				6.06		6.34	
2/11/2025	5.85	5.66	5.36				
2/18/2025					5.26		

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-35	GWC-8	GWC-11	GWA-3 (bg)
3/22/2016	8.4662	1.1423							
3/23/2016			<1	1.001	9.0208				
3/24/2016						2.7482			
3/29/2016							15.2958	<1	
3/31/2016									202.982 (O)
5/19/2016	10				10				
5/20/2016			<1						
5/23/2016		1.44				2.76			
5/24/2016				0.576 (J)			18.5		
5/25/2016								<1	95.7
7/21/2016	13		<1		10	2.8			
7/25/2016		1.1						<1	
7/26/2016				0.91 (J)			19		
7/27/2016									110
9/14/2016					9.7				
9/15/2016		0.99 (J)	<1			2.4			
9/16/2016				0.87 (J)					
9/19/2016							31	<1	
11/9/2016		1.1							
11/10/2016				0.79 (J)	8.1				
11/11/2016			<1						
11/15/2016						2.3			
11/16/2016							36	<1	
1/17/2017	7.6	0.85 (J)			15				
1/19/2017			<1	0.87 (J)					
1/26/2017						2.7	49 (O)		
1/31/2017								3.7 (O)	
3/15/2017	6.3								
3/16/2017		1.2	<1		9.1				
3/17/2017				1.8					
3/22/2017						2.4			
3/23/2017							21	1.5	
4/27/2017	8	<1			9.6				
4/28/2017			<1	1.7					
5/2/2017						2.5		<1	
5/3/2017							17		
7/18/2017	6								
8/1/2017	7.7								
10/3/2017	7	1.4		1.9	9.8	2.5			150
10/4/2017			<1					<1	
10/5/2017							16		
1/19/2018	5.7	1.1	<1	1.8					
1/22/2018					10				
1/23/2018						2.4			
1/24/2018							10	<1	
3/15/2018	5.6	0.74 (J)							
6/19/2018	7	0.94 (J)	<1	1	10	2.7			
6/20/2018								<1	100
6/21/2018							11		
9/25/2018	9.1	1.3	<1	0.78 (J)	9.7				
9/26/2018							20		
9/27/2018								<1	

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-35	GWC-8	GWC-11	GWA-3 (bg)
10/1/2018						2.8			
1/17/2019			0.5 (J)	2.5	9.4				
1/18/2019	6.4								34
1/21/2019		1.6				2.7			
1/22/2019							12		
1/24/2019								0.77 (J)	
6/24/2019			<1	0.91 (J)	10				
6/25/2019	26	2.2					14		<1
6/26/2019						2.8		0.47 (J)	
9/9/2019			<1						
9/10/2019	9.2	1.3		0.9 (J)	11		14		
9/11/2019									43
9/12/2019						2.3			
9/16/2019								<1	
3/10/2020	6	3	1.7	2.5	12				16
3/11/2020						4.7			
3/12/2020							18		
3/16/2020								0.44 (J)	
9/9/2020	6.5	1.4	<1		9.4				29
9/10/2020				1				<1	
9/11/2020						2			
9/14/2020							15		
3/15/2021	6.8	0.95 (J)	<1	1.5	7.7				36
3/16/2021						2.2	17		
3/17/2021								<1	
8/16/2021		1.1	<1						
8/18/2021	6.7			0.9 (J)	9.7	2.7			51
8/20/2021							17		
8/23/2021								<1	
2/28/2022			<1						
3/1/2022		1		2	9.6				64
3/2/2022	6					3.2	14		
3/7/2022								<1	
8/9/2022	7.8	0.7 (J)	<1	0.54 (J)	10				48
8/11/2022							19		
8/15/2022						2.4		<1	
2/13/2023	4.3								
2/14/2023		1.2	<1	2.5	9.3				70
2/15/2023							14		
2/20/2023						2.2			
2/21/2023								0.43 (J)	
8/8/2023	8.7								36
8/9/2023		1.2	<1	1.2	10		19		
8/14/2023								0.5 (J)	
8/16/2023						3.5			
2/13/2024			<1						
2/14/2024	3.3	0.61 (J)		6.7	8.2			0.9 (J)	
2/21/2024							19		
2/22/2024						4.7			
7/29/2024		0.95 (J)			8.6				
7/30/2024	6.3		<1	2.5			20		
7/31/2024									69

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWC-35	GWC-8	GWC-11	GWA-3 (bg)
8/5/2024						4.5			
8/6/2024								<1	
2/10/2025		1			11				
2/11/2025	5.4		0.44 (J)	15					
2/13/2025							52		
2/18/2025						7		1.6	

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-35	GWA-3 (bg)
3/22/2016	92	69					
3/23/2016			139	41	<10		
3/24/2016						33	
3/31/2016							401
5/19/2016	99		175				
5/20/2016					<10		
5/23/2016		92				48	
5/24/2016				51			
5/25/2016							150
7/21/2016	100		170		14	36	
7/25/2016		38					
7/26/2016				8			
7/27/2016							250
9/14/2016			150				
9/15/2016		64			12	38	
9/16/2016				40			
11/9/2016		80					
11/10/2016			180	58			
11/11/2016					4 (J)		
11/15/2016						44	
1/17/2017	66	54	130				
1/19/2017				28	<10		
1/26/2017						<10	
3/15/2017	88						
3/16/2017		40	180		14		
3/17/2017				<10			
3/22/2017						34	
4/27/2017	92	84	160				
4/28/2017				<10	<10		
5/2/2017						4 (J)	
7/18/2017	84						
8/1/2017	60						
10/3/2017	46	70	140	36		26	410
10/4/2017					34		
1/19/2018	4 (J)	36		10	<10		
1/22/2018			140				
1/23/2018						56	
6/19/2018	66	70	160	<10	16	28	
6/20/2018							230
9/25/2018	80	36	130	32	24		
10/1/2018						40	
1/17/2019			160	46	20		
1/18/2019	81						140
1/21/2019		58				17	
6/24/2019			170	72	21		
6/25/2019	97	88					130
6/26/2019						46	
9/9/2019					16		
9/10/2019	120	86	190	52			
9/11/2019							130
9/12/2019						51	
3/10/2020	50	40	190	43	12		170

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 7/30/2025 2:28 PM View: Appendix III - Interwell - Two Step

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-35	GWA-3 (bg)
3/11/2020						42	
9/9/2020	58	43	170		12		150
9/10/2020				40			
9/11/2020						32	
3/15/2021	77	54	120	39	<10		170
3/16/2021						42	
8/16/2021		50			15		
8/18/2021	76		150	50		50	170
2/28/2022					25		
3/1/2022		72	140	26			180
3/2/2022	85					28	
8/9/2022	93	85	190	52	21		180
8/15/2022						52	
2/13/2023	88						
2/14/2023		90	150	43	17		160
2/20/2023						53	
8/8/2023	97						220
8/9/2023		76	160	47	<10		
8/16/2023						64	
2/13/2024					18		
2/14/2024	84	82	170	46			
2/22/2024						81	
7/29/2024		81	150				
7/30/2024	83			48	16		
7/31/2024							190
8/5/2024						93	
2/10/2025		91	170				
2/11/2025	84			57	22		
2/18/2025						82	

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

FIGURE I.

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**GWC-12**	**0.08**	**n/a**	**2/17/2025**	**0.14**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**GWC-14**	**0.08**	**n/a**	**2/17/2025**	**0.39**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**GWC-35**	**0.08**	**n/a**	**2/18/2025**	**0.1**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-5	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-6	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/13/2025	0.027J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-8	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.08	n/a	2/18/2025	0.059J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-12**	**0.08**	**n/a**	**2/17/2025**	**0.14**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	GWC-13	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-14**	**0.08**	**n/a**	**2/17/2025**	**0.39**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	GWC-15	0.08	n/a	2/18/2025	0.075J	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-16	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25	0.08	n/a	2/14/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-26	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-27	0.08	n/a	2/11/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-30	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-31	0.08	n/a	2/18/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-32	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-33	0.08	n/a	2/19/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-34	0.08	n/a	2/13/2025	0.08ND	No	148	n/a	n/a	97.3	n/a	n/a	0.00008947	NP Inter (NDs) 1 of 2
Boron (mg/L)	**GWC-35**	**0.08**	**n/a**	**2/18/2025**	**0.1**	**Yes**	**148**	**n/a**	**n/a**	**97.3**	**n/a**	**n/a**	**0.00008947**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	GWC-5	72	n/a	2/14/2025	31	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	72	n/a	2/18/2025	16	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	72	n/a	2/13/2025	38	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-8	72	n/a	2/13/2025	26	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	72	n/a	2/18/2025	8.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	72	n/a	2/19/2025	16	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	72	n/a	2/18/2025	8.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	72	n/a	2/17/2025	59	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-13	72	n/a	2/18/2025	5.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-14	72	n/a	2/17/2025	19	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-15	72	n/a	2/18/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-16	72	n/a	2/11/2025	10	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17	72	n/a	2/13/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18	72	n/a	2/13/2025	8.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	72	n/a	2/14/2025	9.2	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	72	n/a	2/14/2025	9.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	72	n/a	2/11/2025	12	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22	72	n/a	2/11/2025	11	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	72	n/a	2/11/2025	4.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24	72	n/a	2/14/2025	1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25	72	n/a	2/14/2025	7.3	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-26	72	n/a	2/13/2025	1.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-27	72	n/a	2/11/2025	2.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-30	72	n/a	2/13/2025	3.3	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-31	72	n/a	2/18/2025	7.8	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-32	72	n/a	2/19/2025	7.6	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-33	72	n/a	2/19/2025	18	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-34	72	n/a	2/13/2025	3.1	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-35	72	n/a	2/18/2025	7.7	No	149	n/a	n/a	0	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/15/2025, 11:10 AM

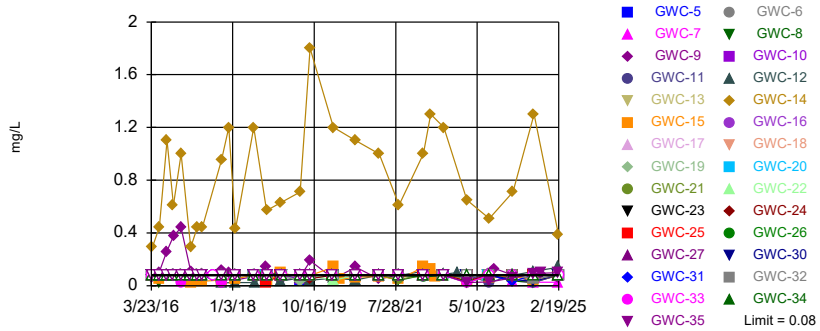
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-5	59	n/a	2/14/2025	14	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-6	59	n/a	2/18/2025	5.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	59	n/a	2/13/2025	21	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-8	59	n/a	2/13/2025	4.5	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	59	n/a	2/18/2025	7.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	59	n/a	2/19/2025	7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	59	n/a	2/18/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	59	n/a	2/17/2025	29	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-13	59	n/a	2/18/2025	1.4	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	59	n/a	2/17/2025	41	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-15	59	n/a	2/18/2025	5.9	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-16	59	n/a	2/11/2025	2.4	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-17	59	n/a	2/13/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-18	59	n/a	2/13/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	59	n/a	2/14/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	59	n/a	2/14/2025	2.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	59	n/a	2/11/2025	3.9	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-22	59	n/a	2/11/2025	2.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	59	n/a	2/11/2025	2.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-24	59	n/a	2/14/2025	5.3	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-25	59	n/a	2/14/2025	9.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-26	59	n/a	2/13/2025	3.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-27	59	n/a	2/11/2025	1.3	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-30	59	n/a	2/13/2025	1.7	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-31	59	n/a	2/18/2025	1.2	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-32	59	n/a	2/19/2025	1.1	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-33	59	n/a	2/19/2025	1.6	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-34	59	n/a	2/13/2025	1.5	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-35	59	n/a	2/18/2025	25	No	149	n/a	n/a	0.6711	n/a	n/a	0.00008834	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-5	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-6	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-7	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-8	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-9	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-10	3.2	n/a	2/19/2025	0.66	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-11	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-12	3.2	n/a	2/17/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-13	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-14	3.2	n/a	2/17/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-15	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-17	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-18	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-19	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-20	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-21	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-22	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-23	3.2	n/a	2/11/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-24	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-25	3.2	n/a	2/14/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-26	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-27	3.2	n/a	2/11/2025	0.34	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-30	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-31	3.2	n/a	2/18/2025	1.3	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-32	3.2	n/a	2/19/2025	2.2	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-33	3.2	n/a	2/19/2025	1.7	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-34	3.2	n/a	2/13/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-35	3.2	n/a	2/18/2025	0.1ND	No	147	n/a	n/a	42.18	n/a	n/a	0.00009061	NP Inter (normality) 1 of 2

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-12, GWC-14, GWC-35

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 148 background values. 97.3% NDs. Annual per-constituent alpha = 0.005176. Individual comparison alpha = 0.00008947 (1 of 2). Comparing 29 points to limit.

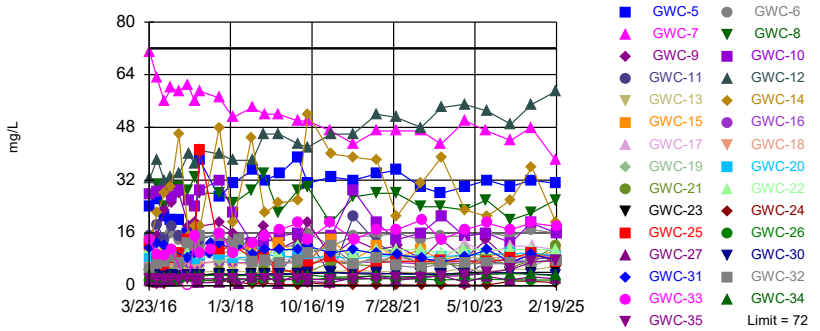
Constituent: Boron Analysis Run 4/15/2025 11:06 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 149 background values. Annual per-constituent alpha = 0.005111. Individual comparison alpha = 0.00008834 (1 of 2). Comparing 29 points to limit.

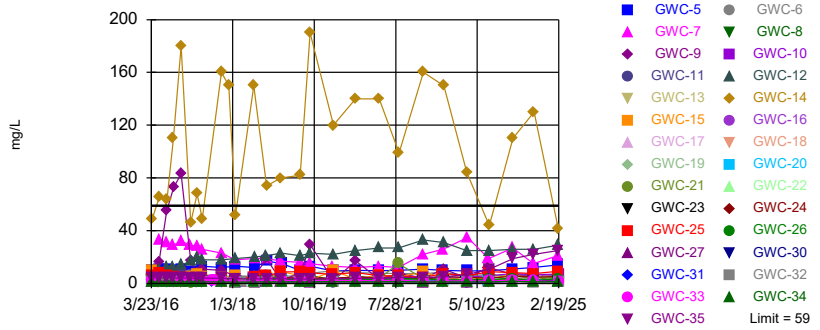
Constituent: Calcium Analysis Run 4/15/2025 11:06 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 149 background values. 0.6711% NDs. Annual per-constituent alpha = 0.005111. Individual comparison alpha = 0.00008834 (1 of 2). Comparing 29 points to limit.

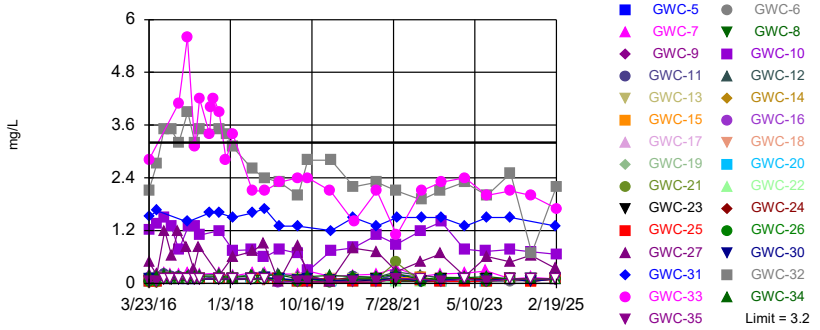
Constituent: Chloride Analysis Run 4/15/2025 11:06 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 147 background values. 42.18% NDs. Annual per-constituent alpha = 0.005242. Individual comparison alpha = 0.00009061 (1 of 2). Comparing 29 points to limit.

Constituent: Fluoride Analysis Run 4/15/2025 11:06 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-33	GWC-32	GWA-2 (bg)	GWC-30	GWC-27	GWA-4 (bg)
3/22/2016	<0.08	<0.08							
3/23/2016			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
3/24/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
5/19/2016		<0.08							<0.08
5/20/2016			<0.08				<0.08		
5/23/2016	<0.08								
5/24/2016				<0.08	<0.08	<0.08		<0.08	
5/25/2016									
5/26/2016									
7/21/2016		<0.08	<0.08				<0.08		<0.08
7/22/2016				<0.08	<0.08				
7/25/2016	<0.08								
7/26/2016						<0.08		<0.08	
7/27/2016									
9/14/2016									<0.08
9/15/2016	<0.08		<0.08						
9/16/2016				<0.08	<0.08	<0.08			
9/19/2016								<0.08	
9/20/2016							<0.08		
11/9/2016	<0.08								
11/10/2016						<0.08			<0.08
11/11/2016			<0.08					<0.08	
11/14/2016							<0.08		
11/15/2016					<0.08				
11/16/2016									
11/17/2016				0.023 (J)					
11/18/2016									
1/17/2017	<0.08	<0.08							<0.08
1/19/2017			<0.08			<0.08			
1/20/2017								<0.08	
1/24/2017							<0.08		
1/25/2017				<0.08					
1/26/2017					<0.08				
1/31/2017									
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017		<0.08							
3/16/2017	<0.08		<0.08					<0.08	<0.08
3/17/2017						<0.08	<0.08		
3/22/2017									
3/23/2017				<0.08					
3/24/2017					<0.08				
3/28/2017									
3/29/2017									
4/27/2017	<0.08	<0.08							<0.08
4/28/2017			<0.08			<0.08		<0.08	
5/1/2017				<0.08			<0.08		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-33	GWC-32	GWA-2 (bg)	GWC-30	GWC-27	GWA-4 (bg)
5/2/2017					<0.08				
5/3/2017									
5/4/2017									
7/18/2017		0.027 (J)							
7/19/2017									
8/1/2017		<0.08							
8/4/2017				<0.08					
10/3/2017	<0.08	<0.08				<0.08		<0.08	<0.08
10/4/2017			<0.08				<0.08		
10/5/2017				0.025 (J)					
10/6/2017					<0.08				
12/1/2017									
1/19/2018	<0.08	<0.08	<0.08			<0.08		<0.08	
1/22/2018									<0.08
1/23/2018				<0.08	<0.08				
1/24/2018							<0.08		
1/25/2018									
1/26/2018									
6/19/2018	<0.08	<0.08	<0.08			<0.08			<0.08
6/20/2018									
6/21/2018							<0.08		
6/25/2018									
6/26/2018				<0.08	<0.08				
6/27/2018								<0.08	
9/25/2018	<0.08	<0.08	<0.08			<0.08			<0.08
9/26/2018									
9/27/2018								<0.08	
9/28/2018									
10/1/2018									
10/2/2018				<0.08	<0.08				
10/3/2018							<0.08		
1/17/2019			<0.08			<0.08			<0.08
1/18/2019		<0.08							
1/21/2019	<0.08								
1/22/2019									
1/24/2019								<0.08	
1/25/2019									
1/28/2019									
1/30/2019				<0.08	<0.08		<0.08		
1/31/2019									
6/24/2019			0.034 (J)			<0.08			<0.08
6/25/2019	<0.08	<0.08							
6/26/2019				<0.08				<0.08	
6/27/2019					<0.08		<0.08		
9/9/2019			<0.08						
9/10/2019	<0.08	<0.08				<0.08	<0.08		<0.08
9/11/2019									
9/12/2019				<0.08	<0.08			<0.08	
9/16/2019									
9/17/2019									
3/10/2020	<0.08	<0.08	0.041 (J)			<0.08			<0.08
3/11/2020							<0.08		

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-33	GWC-32	GWA-2 (bg)	GWC-30	GWC-27	GWA-4 (bg)
3/12/2020				<0.08				<0.08	
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020					<0.08				
5/4/2020									
9/9/2020	<0.08	<0.08	<0.08					<0.08	<0.08
9/10/2020						<0.08	<0.08		
9/11/2020									
9/14/2020									
9/15/2020					<0.08				
9/16/2020				<0.08					
3/15/2021	<0.08	<0.08	<0.08			<0.08			<0.08
3/16/2021									
3/17/2021					<0.08				
3/18/2021				<0.08			<0.08	<0.08	
8/16/2021	<0.08		<0.08						
8/18/2021		<0.08				<0.08			<0.08
8/19/2021									
8/20/2021									
8/23/2021							<0.08	<0.08	
8/24/2021				<0.08	<0.08				
8/25/2021									
2/28/2022			<0.08						
3/1/2022	<0.08					<0.08			<0.08
3/2/2022		<0.08					<0.08		
3/7/2022									
3/8/2022								<0.08	
3/9/2022				<0.08	<0.08				
3/10/2022									
5/3/2022									
5/4/2022									
6/7/2022									
8/9/2022	<0.08	<0.08	<0.08			<0.08			<0.08
8/10/2022					<0.08		<0.08	<0.08	
8/11/2022									
8/15/2022				<0.08					
8/16/2022									
8/17/2022									
8/18/2022									
11/29/2022									
2/13/2023		<0.08							
2/14/2023	<0.08		<0.08			<0.08	<0.08		<0.08
2/15/2023					<0.08				
2/16/2023									
2/17/2023									
2/20/2023				0.022 (J)				<0.08	
2/21/2023									
2/22/2023									
8/8/2023		<0.08							
8/9/2023	<0.08		<0.08			<0.08			<0.08
8/10/2023									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-33	GWC-32	GWA-2 (bg)	GWC-30	GWC-27	GWA-4 (bg)
8/14/2023									
8/15/2023				<0.08	<0.08			<0.08	
8/16/2023							<0.08		
9/27/2023									
2/13/2024			<0.08						
2/14/2024	<0.08	<0.08				<0.08			0.022 (J)
2/19/2024									
2/20/2024				<0.08	<0.08			<0.08	
2/21/2024							0.046 (J)		
2/22/2024									
7/29/2024	<0.08								<0.08
7/30/2024		<0.08	<0.08			<0.08		<0.08	
7/31/2024				<0.08					
8/1/2024									
8/2/2024									
8/5/2024							0.033 (J)		
8/6/2024					0.051 (J)				
8/7/2024									
9/30/2024									
2/10/2025	<0.08								<0.08
2/11/2025		<0.08	<0.08			<0.08		<0.08	
2/13/2025							<0.08		
2/14/2025									
2/17/2025									
2/18/2025									
2/19/2025				<0.08	<0.08				

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-5	GWC-6	GWC-25	GWC-13	GWC-12	GWC-23
3/22/2016									
3/23/2016									
3/24/2016	<0.08	<0.08	<0.08						
3/28/2016				<0.08	<0.08	<0.08			
3/29/2016							<0.08	<0.08	<0.08
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	<0.08		<0.08	<0.08					
5/24/2016					<0.08				
5/25/2016		<0.08				<0.08	<0.08	<0.08	<0.08
5/26/2016									
7/21/2016	<0.08		<0.08	<0.08	<0.08				
7/22/2016								<0.08	
7/25/2016									
7/26/2016		<0.08					<0.08		
7/27/2016						<0.08			<0.08
9/14/2016									
9/15/2016	<0.08		<0.08	<0.08	<0.08		<0.08	<0.08	
9/16/2016									
9/19/2016		<0.08				<0.08			
9/20/2016									<0.08
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016		<0.08							
11/15/2016	<0.08		<0.08	<0.08		<0.08			
11/16/2016					<0.08			<0.08	
11/17/2016							<0.08		
11/18/2016									<0.08
1/17/2017									
1/19/2017		<0.08							
1/20/2017									
1/24/2017						<0.08			
1/25/2017			<0.08						
1/26/2017	<0.08			<0.08	<0.08				
1/31/2017							<0.08	<0.08	
2/1/2017									
2/2/2017									
2/3/2017									<0.08
3/15/2017									
3/16/2017		<0.08							
3/17/2017									
3/22/2017	<0.08		<0.08	<0.08	<0.08				
3/23/2017						<0.08	<0.08	<0.08	
3/24/2017									
3/28/2017									<0.08
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017		<0.08	<0.08						

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-5	GWC-6	GWC-25	GWC-13	GWC-12	GWC-23
5/2/2017	<0.08			<0.08	<0.08	<0.08			
5/3/2017							<0.08	<0.08	
5/4/2017									<0.08
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
10/3/2017	<0.08		<0.08	<0.08	<0.08				
10/4/2017		<0.08						0.022 (J)	
10/5/2017						<0.08	<0.08		<0.08
10/6/2017									
12/1/2017									
1/19/2018									
1/22/2018		<0.08							
1/23/2018	<0.08		<0.08	<0.08	<0.08				
1/24/2018								0.023 (J)	
1/25/2018						<0.08	<0.08		<0.08
1/26/2018									
6/19/2018	<0.08								
6/20/2018			<0.08				<0.08		<0.08
6/21/2018									
6/25/2018				<0.08	<0.08				
6/26/2018								0.024 (J)	
6/27/2018		<0.08				<0.08			
9/25/2018					<0.08				
9/26/2018						0.023 (J)			
9/27/2018		<0.08							
9/28/2018								<0.08	
10/1/2018	<0.08								<0.08
10/2/2018			<0.08				<0.08		
10/3/2018				<0.08					
1/17/2019									
1/18/2019									
1/21/2019	<0.08								
1/22/2019							<0.08		
1/24/2019		<0.08				<0.08			
1/25/2019								0.036 (J)	<0.08
1/28/2019			<0.08						
1/30/2019				<0.08	<0.08				
1/31/2019									
6/24/2019									
6/25/2019		<0.08				<0.08	<0.08		
6/26/2019	<0.08		<0.08	0.045 (J)	0.044 (J)			0.057 (J)	<0.08
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019			<0.08			<0.08		0.042 (J)	
9/12/2019	<0.08	<0.08		<0.08	<0.08		<0.08		<0.08
9/16/2019									
9/17/2019									
3/10/2020									
3/11/2020	<0.08		<0.08						

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-5	GWC-6	GWC-25	GWC-13	GWC-12	GWC-23
3/12/2020						<0.08	<0.08		
3/13/2020		<0.08							
3/16/2020				<0.08	<0.08				
3/17/2020									
3/18/2020								0.058 (J)	<0.08
5/4/2020									
9/9/2020				<0.08					
9/10/2020							<0.08	0.043 (J)	<0.08
9/11/2020	<0.08		<0.08		<0.08				
9/14/2020						<0.08			
9/15/2020		<0.08							
9/16/2020									
3/15/2021									
3/16/2021	<0.08		<0.08					<0.08	
3/17/2021		<0.08		<0.08	<0.08	<0.08	<0.08		
3/18/2021									<0.08
8/16/2021									
8/18/2021	<0.08				<0.08				
8/19/2021		<0.08		<0.08		<0.08		0.077 (J)	
8/20/2021									
8/23/2021							<0.08		<0.08
8/24/2021			<0.08						
8/25/2021									
2/28/2022									
3/1/2022									
3/2/2022	<0.08		<0.08	<0.08	<0.08				
3/7/2022								0.11	
3/8/2022						<0.08	<0.08		
3/9/2022		0.066 (J)							<0.08
3/10/2022									
5/3/2022								0.075 (J)	
5/4/2022									
6/7/2022									
8/9/2022									
8/10/2022		<0.08	<0.08			<0.08			
8/11/2022				<0.08	<0.08				
8/15/2022	<0.08						<0.08		
8/16/2022								0.088	<0.08
8/17/2022									
8/18/2022									
11/29/2022								0.098	
2/13/2023									
2/14/2023									
2/15/2023								0.077 (J)	
2/16/2023									
2/17/2023									
2/20/2023	0.024 (J)		<0.08	<0.08	0.022 (J)				
2/21/2023		<0.08				<0.08	<0.08		<0.08
2/22/2023									
8/8/2023									
8/9/2023									
8/10/2023									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:10 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-5	GWC-6	GWC-25	GWC-13	GWC-12	GWC-23
8/14/2023				<0.08	<0.08			0.073 (J)	
8/15/2023						<0.08			<0.08
8/16/2023	0.028 (J)	<0.08	<0.08				<0.08		
9/27/2023									
2/13/2024									
2/14/2024				<0.08	<0.08				
2/19/2024							<0.08		<0.08
2/20/2024		<0.08						0.08	
2/21/2024						<0.08			
2/22/2024	0.06 (J)		<0.08						
7/29/2024									
7/30/2024									<0.08
7/31/2024				<0.08					
8/1/2024					<0.08	<0.08			
8/2/2024		<0.08							
8/5/2024	0.093		<0.08				<0.08		
8/6/2024								0.11	
8/7/2024									
9/30/2024	0.094								
2/10/2025									
2/11/2025									<0.08
2/13/2025		<0.08	<0.08						
2/14/2025				<0.08		<0.08			
2/17/2025								0.14	
2/18/2025	0.1				<0.08		<0.08		
2/19/2025									

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-9	GWC-7	GWC-8	GWC-21	GWC-24	GWC-10	GWC-20	GWC-19
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	<0.08	0.0635 (J)	<0.08	<0.08					
3/30/2016					<0.08	<0.08	<0.08	<0.08	<0.08
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016		0.0981 (J)	<0.08	0.022 (J)					
5/25/2016	<0.08					<0.08	<0.08		
5/26/2016					<0.08			<0.08	<0.08
7/21/2016									
7/22/2016			<0.08						
7/25/2016	<0.08	0.26						<0.08	<0.08
7/26/2016				<0.08	<0.08				
7/27/2016						<0.08	<0.08		
9/14/2016									
9/15/2016			<0.08						
9/16/2016						<0.08	<0.08		
9/19/2016	<0.08	0.38		<0.08					<0.08
9/20/2016					<0.08			<0.08	
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016	<0.08	0.44	<0.08	<0.08					
11/17/2016					<0.08		<0.08	<0.08	<0.08
11/18/2016						<0.08			
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017									
1/26/2017			<0.08	<0.08					
1/31/2017	<0.08	0.11							
2/1/2017							<0.08		
2/2/2017					<0.08			<0.08	<0.08
2/3/2017						<0.08			
3/15/2017									
3/16/2017									
3/17/2017									
3/22/2017			<0.08						
3/23/2017	<0.08	0.071		<0.08					
3/24/2017							<0.08		<0.08
3/28/2017					<0.08			<0.08	
3/29/2017						<0.08			
4/27/2017									
4/28/2017									
5/1/2017									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-9	GWC-7	GWC-8	GWC-21	GWC-24	GWC-10	GWC-20	GWC-19
5/2/2017	<0.08	0.089	<0.08						
5/3/2017				<0.08			<0.08		<0.08
5/4/2017					<0.08	<0.08		<0.08	
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
10/3/2017		0.12	<0.08						
10/4/2017	0.022 (J)						<0.08		
10/5/2017				<0.08		<0.08			<0.08
10/6/2017					<0.08			<0.08	
12/1/2017		0.1							
1/19/2018									
1/22/2018									
1/23/2018			<0.08						
1/24/2018	<0.08	0.044 (J)		<0.08					
1/25/2018						<0.08	<0.08		<0.08
1/26/2018					<0.08			<0.08	
6/19/2018									
6/20/2018	<0.08				<0.08				
6/21/2018		0.07		<0.08			<0.08	<0.08	<0.08
6/25/2018			<0.08						
6/26/2018									
6/27/2018						<0.08			
9/25/2018									
9/26/2018		0.14		<0.08					
9/27/2018	<0.08				<0.08		<0.08	<0.08	<0.08
9/28/2018						<0.08			
10/1/2018									
10/2/2018			<0.08						
10/3/2018									
1/17/2019									
1/18/2019									
1/21/2019			<0.08						
1/22/2019		0.038 (J)		<0.08					
1/24/2019	<0.08				<0.08				
1/25/2019									
1/28/2019								<0.08	<0.08
1/30/2019									
1/31/2019						<0.08	<0.08		
6/24/2019									
6/25/2019		0.068 (J)	<0.08	<0.08	<0.08			<0.08	
6/26/2019	<0.08					<0.08	0.053 (J)		0.036 (J)
6/27/2019									
9/9/2019									
9/10/2019			<0.08	<0.08					
9/11/2019					<0.08	0.053 (J)		<0.08	
9/12/2019									<0.08
9/16/2019	<0.08	0.19							
9/17/2019							<0.08		
3/10/2020									
3/11/2020									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-9	GWC-7	GWC-8	GWC-21	GWC-24	GWC-10	GWC-20	GWC-19
3/12/2020			<0.08	<0.08		<0.08			
3/13/2020									
3/16/2020	<0.08	0.052 (J)							
3/17/2020							<0.08		
3/18/2020					<0.08			<0.08	<0.08
5/4/2020									
9/9/2020									
9/10/2020	<0.08						<0.08		
9/11/2020		0.14							
9/14/2020			<0.08	<0.08					
9/15/2020					<0.08	<0.08		<0.08	<0.08
9/16/2020									
3/15/2021									
3/16/2021		0.05 (J)	<0.08	<0.08	<0.08			<0.08	
3/17/2021	<0.08								<0.08
3/18/2021						<0.08	<0.08		
8/16/2021									
8/18/2021									
8/19/2021			<0.08		0.047 (J)	<0.08			
8/20/2021				0.04 (J)			<0.08		
8/23/2021	<0.08								
8/24/2021								<0.08	<0.08
8/25/2021		0.083							
2/28/2022									
3/1/2022									
3/2/2022			<0.08	<0.08					
3/7/2022	0.067 (J)				<0.08			<0.08	
3/8/2022							<0.08		<0.08
3/9/2022		<0.08							
3/10/2022						<0.08			
5/3/2022									
5/4/2022									
6/7/2022									
8/9/2022									
8/10/2022									
8/11/2022			<0.08	<0.08					<0.08
8/15/2022	<0.08								
8/16/2022		0.075 (J)			<0.08		<0.08	<0.08	
8/17/2022									
8/18/2022						<0.08			
11/29/2022									
2/13/2023									
2/14/2023									
2/15/2023		0.041 (J)		<0.08			<0.08		
2/16/2023						0.036 (J)			
2/17/2023									
2/20/2023									
2/21/2023	<0.08		<0.08		<0.08				<0.08
2/22/2023								<0.08	
8/8/2023									
8/9/2023		0.088	<0.08	<0.08	<0.08			<0.08	<0.08
8/10/2023							<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-9	GWC-7	GWC-8	GWC-21	GWC-24	GWC-10	GWC-20	GWC-19
8/14/2023	0.025 (J)								
8/15/2023									
8/16/2023						<0.08			
9/27/2023		0.13							
2/13/2024									
2/14/2024	<0.08								
2/19/2024		0.08			<0.08				
2/20/2024							<0.08	<0.08	
2/21/2024			0.035 (J)	0.036 (J)					<0.08
2/22/2024						<0.08			
7/29/2024									
7/30/2024				0.025 (J)	<0.08				
7/31/2024		0.088					<0.08		
8/1/2024			0.026 (J)						
8/2/2024								<0.08	
8/5/2024									
8/6/2024	0.026 (J)					<0.08			0.08
8/7/2024									
9/30/2024		0.089							
2/10/2025									
2/11/2025					<0.08				
2/13/2025			0.027 (J)	<0.08					
2/14/2025						<0.08		<0.08	<0.08
2/17/2025									
2/18/2025	<0.08	0.059 (J)							
2/19/2025							<0.08		

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-18	GWC-14	GWC-17	GWC-15	GWC-16	GWA-3 (bg)	GWC-22
3/22/2016								
3/23/2016								
3/24/2016								
3/28/2016								
3/29/2016								
3/30/2016	<0.08	<0.08	0.291	<0.08	0.0787 (J)	<0.08		
3/31/2016							<0.08	<0.08
5/19/2016								
5/20/2016								
5/23/2016								
5/24/2016								
5/25/2016	<0.08		0.443	<0.08	0.0536 (J)	<0.08	<0.08	
5/26/2016		<0.08						<0.08
7/21/2016								
7/22/2016								
7/25/2016		<0.08						
7/26/2016			1.1		<0.08			<0.08
7/27/2016	<0.08			<0.08		<0.08	<0.08	
9/14/2016								
9/15/2016			0.61					
9/16/2016						<0.08		
9/19/2016		<0.08		<0.08				
9/20/2016					<0.08			<0.08
11/9/2016								
11/10/2016								
11/11/2016								
11/14/2016								
11/15/2016								
11/16/2016								
11/17/2016		<0.08	1	<0.08	<0.08	<0.08		<0.08
11/18/2016								
1/17/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/25/2017	<0.08							
1/26/2017								
1/31/2017								
2/1/2017		<0.08	0.29	<0.08	0.023 (J)	<0.08		
2/2/2017								
2/3/2017								<0.08
3/15/2017								
3/16/2017								
3/17/2017								
3/22/2017								
3/23/2017	<0.08		0.44		0.042 (J)			
3/24/2017		<0.08		<0.08		<0.08		
3/28/2017								<0.08
3/29/2017								
4/27/2017								
4/28/2017								
5/1/2017								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-18	GWC-14	GWC-17	GWC-15	GWC-16	GWA-3 (bg)	GWC-22
5/2/2017	<0.08							
5/3/2017		<0.08	0.44	<0.08	0.034 (J)	<0.08		<0.08
5/4/2017								
7/18/2017								
7/19/2017	<0.08							
8/1/2017							<0.08	
8/4/2017	<0.08							
10/3/2017							<0.08	
10/4/2017			0.95	<0.08	0.044 (J)			
10/5/2017		<0.08				<0.08		<0.08
10/6/2017	<0.08							
12/1/2017			1.2					
1/19/2018								
1/22/2018								
1/23/2018	<0.08							
1/24/2018								
1/25/2018		<0.08	0.43	<0.08	0.052	<0.08		<0.08
1/26/2018								
6/19/2018								
6/20/2018			1.2		<0.08	<0.08	<0.08	<0.08
6/21/2018		<0.08						
6/25/2018								
6/26/2018				<0.08				
6/27/2018	<0.08							
9/25/2018								
9/26/2018								
9/27/2018								
9/28/2018		<0.08						
10/1/2018			0.57		0.03 (J)	<0.08		<0.08
10/2/2018				<0.08				
10/3/2018	<0.08							
1/17/2019								
1/18/2019							<0.08	
1/21/2019								
1/22/2019			0.63		0.1			
1/24/2019				<0.08				<0.08
1/25/2019						<0.08		
1/28/2019		<0.08						
1/30/2019								
1/31/2019	<0.08							
6/24/2019								
6/25/2019			0.71	<0.08	0.066 (J)	<0.08	<0.08	<0.08
6/26/2019	<0.08							
6/27/2019		<0.08						
9/9/2019								
9/10/2019								<0.08
9/11/2019	<0.08	<0.08		<0.08		<0.08	<0.08	
9/12/2019			1.8					
9/16/2019								
9/17/2019					<0.08			
3/10/2020							<0.08	
3/11/2020								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-18	GWC-14	GWC-17	GWC-15	GWC-16	GWA-3 (bg)	GWC-22
3/12/2020								
3/13/2020								
3/16/2020					0.14			
3/17/2020	<0.08	<0.08	1.2	<0.08		<0.08		
3/18/2020								0.041 (J)
5/4/2020					0.049 (J)			
9/9/2020							<0.08	
9/10/2020			1.1		0.064 (J)			<0.08
9/11/2020	<0.08					<0.08		
9/14/2020		<0.08		<0.08				
9/15/2020								
9/16/2020								
3/15/2021							<0.08	<0.08
3/16/2021	<0.08	<0.08		<0.08				
3/17/2021			1			<0.08		
3/18/2021					0.071 (J)			
8/16/2021								
8/18/2021							<0.08	
8/19/2021								<0.08
8/20/2021				<0.08		<0.08		
8/23/2021			0.61					
8/24/2021		<0.08			0.047 (J)			
8/25/2021	<0.08							
2/28/2022								
3/1/2022							<0.08	
3/2/2022								
3/7/2022			1		0.14			
3/8/2022		<0.08		<0.08		<0.08		<0.08
3/9/2022								
3/10/2022	<0.08							
5/3/2022			1.3					
5/4/2022					0.13			
6/7/2022					0.067 (J)			
8/9/2022							<0.08	
8/10/2022								
8/11/2022		<0.08		<0.08				
8/15/2022								
8/16/2022	<0.08		1.2		<0.08	<0.08		
8/17/2022								<0.08
8/18/2022								
11/29/2022								
2/13/2023								
2/14/2023							<0.08	<0.08
2/15/2023								
2/16/2023								
2/17/2023			0.65					
2/20/2023		<0.08		<0.08		<0.08		
2/21/2023					0.04 (J)			
2/22/2023	<0.08							
8/8/2023							<0.08	
8/9/2023		<0.08						
8/10/2023				<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-18	GWC-14	GWC-17	GWC-15	GWC-16	GWA-3 (bg)	GWC-22
8/14/2023			0.51		0.061 (J)	<0.08		<0.08
8/15/2023								
8/16/2023	<0.08							
9/27/2023								
2/13/2024								
2/14/2024								<0.08
2/19/2024			0.71					
2/20/2024				<0.08				
2/21/2024	0.034 (J)	<0.08			0.072 (J)	<0.08		
2/22/2024								
7/29/2024								
7/30/2024								
7/31/2024							<0.08	
8/1/2024								
8/2/2024	<0.08							
8/5/2024						<0.08		
8/6/2024			1.3		0.041 (J)			<0.08
8/7/2024		<0.08		<0.08				
9/30/2024								
2/10/2025								
2/11/2025						<0.08		<0.08
2/13/2025		<0.08		<0.08				
2/14/2025								
2/17/2025			0.39					
2/18/2025	<0.08				0.075 (J)			
2/19/2025								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWC-33	GWC-32	GWC-27	GWC-30	GWA-2 (bg)
3/22/2016	2.86	4.65							
3/23/2016			0.893	24.2	13.8	5.18	1.73	3.03	3.09
3/24/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
5/19/2016		5.08		33.6					
5/20/2016			0.784					3.37	
5/23/2016	2.81								
5/24/2016					9.38	6.58	0.745		3.51
5/25/2016									
5/26/2016									
7/21/2016		4.7	0.6	30				2.9	
7/22/2016					9	7.1			
7/25/2016	2.4								
7/26/2016							1.4		3.1
7/27/2016									
9/14/2016				31					
9/15/2016	2.5		0.7						
9/16/2016					11	8.7			3.6
9/19/2016							1.2		
9/20/2016								3.2	
11/9/2016	2.6								
11/10/2016				27					3.7
11/11/2016			0.59				3.3		
11/14/2016								2.8	
11/15/2016						6.9			
11/16/2016									
11/17/2016									
11/18/2016									
1/17/2017	2.4	3.7		26					
1/19/2017			0.59						4.2
1/20/2017							2.2		
1/24/2017								3.1	
1/25/2017					<0.25				
1/26/2017						13			
1/31/2017									
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017		3.8							
3/16/2017	2.7		0.72	27			1		
3/17/2017								2.9	3.4
3/22/2017									
3/23/2017					15				
3/24/2017						12			
3/28/2017									
3/29/2017									
4/27/2017	2.4	3.9		27					
4/28/2017			0.72				0.88		3.9
5/1/2017					10			3	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWC-33	GWC-32	GWC-27	GWC-30	GWA-2 (bg)
5/2/2017						15			
5/3/2017									
5/4/2017									
7/18/2017		3.9							
7/19/2017									
8/1/2017		3.8							
8/4/2017					11				
10/3/2017	2.7	4.1		30			1.1		4.2
10/4/2017			0.73					3.3	
10/5/2017					16				
10/6/2017						15			
1/19/2018	2.6	3.7	0.7				2.5		3.8
1/22/2018				33					
1/23/2018					10	12			
1/24/2018								3.2	
1/25/2018									
1/26/2018									
3/15/2018	2.5	4							
3/16/2018						14	0.73		
6/19/2018	2.5	4.1	0.75	26					3.4
6/20/2018									
6/21/2018								3.3	
6/25/2018									
6/26/2018					13	7.1			
6/27/2018							2.4		
9/25/2018	2.8	4.6	0.73	29					4
9/26/2018									
9/27/2018							3.4		
9/28/2018									
10/1/2018									
10/2/2018					15	7.7			
10/3/2018								3.3	
1/17/2019			0.74	22					3.5
1/18/2019		4.2							
1/21/2019	3								
1/22/2019									
1/24/2019							0.71		
1/25/2019									
1/28/2019									
1/30/2019					17	7		3.4	
1/31/2019									
6/24/2019			0.76	27					5
6/25/2019	3	4.8							
6/26/2019					19		3.7		
6/27/2019						7.6		3.6	
9/9/2019			0.8						
9/10/2019	2.9	4.8		31				4	4.2
9/11/2019									
9/12/2019					14	10	1.2		
9/16/2019									
9/17/2019									
3/10/2020	2.9	4.1	0.85	26					3.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWC-33	GWC-32	GWC-27	GWC-30	GWA-2 (bg)
3/11/2020								4.1	
3/12/2020					19		0.94		
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020						12			
9/9/2020	2.8	3.9	0.81	26			2.3		
9/10/2020								3.9	3.4
9/11/2020									
9/14/2020									
9/15/2020						6.6			
9/16/2020					14				
3/15/2021	3	4.6	0.82	21					3.2
3/16/2021									
3/17/2021						8.5			
3/18/2021					17		3.1	3.9	
8/16/2021	2.7		0.77						
8/18/2021		4.2		24					3.3
8/19/2021									
8/20/2021									
8/23/2021							1.6	3.5	
8/24/2021					17	6.1			
8/25/2021									
2/28/2022			0.76						
3/1/2022	2.8			24					3
3/2/2022		4.3						3.6	
3/7/2022									
3/8/2022							2.4		
3/9/2022					20	5.4			
3/10/2022									
8/9/2022	3.3	5.3	0.83	34					3.8
8/10/2022						6.7	3.1	3.6	
8/11/2022									
8/15/2022					14				
8/16/2022									
8/17/2022									
8/18/2022									
2/13/2023		4.7							
2/14/2023	3.4		0.9	28				3.5	3.1
2/15/2023						6.8			
2/16/2023									
2/17/2023									
2/20/2023					17		1.1		
2/21/2023									
2/22/2023									
8/8/2023		5.2							
8/9/2023	3.5		0.87	36					3.4
8/10/2023									
8/14/2023									
8/15/2023					19	6.7	2.8		
8/16/2023								3.8	
2/13/2024			0.86						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWC-33	GWC-32	GWC-27	GWC-30	GWA-2 (bg)
2/14/2024	3.2	4.5		38					3.4
2/19/2024									
2/20/2024					17	6.7	1.7		
2/21/2024								4	
2/22/2024									
7/29/2024	3.7			30					
7/30/2024		4.7	0.89				2.7		3.5
7/31/2024					19				
8/1/2024									
8/2/2024									
8/5/2024								3.6	
8/6/2024						7.4			
8/7/2024									
2/10/2025	3.6			32					
2/11/2025		4.8	0.84				2.1		4.8
2/13/2025								3.3	
2/14/2025									
2/17/2025									
2/18/2025									
2/19/2025					18	7.6			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-6	GWC-5	GWC-25	GWC-12	GWC-11	GWC-9
3/22/2016									
3/23/2016									
3/24/2016	1.97	3.27	1.72						
3/28/2016				10.8	23.9	12.3			
3/29/2016							32.6	15	12.6
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	1.97	2.82			26.3				
5/24/2016				13					14.9
5/25/2016			1.68			7.2	38.3	18.5	
5/26/2016									
7/21/2016	1.7	2.6		12	21				
7/22/2016							32		
7/25/2016								14	23
7/26/2016			1.4						
7/27/2016						5.4			
9/14/2016									
9/15/2016	1.9	2.9		16	20		33		
9/16/2016									
9/19/2016			1.5			8.4		18	25
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016			1.8						
11/15/2016	1.8	2.5			20	10			
11/16/2016				14			34	15	28
11/17/2016									
11/18/2016									
1/17/2017									
1/19/2017			1.6						
1/20/2017									
1/24/2017						14			
1/25/2017		2.7							
1/26/2017	2.2			13	16				
1/31/2017							40	8	18
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017									
3/16/2017			1.7						
3/17/2017									
3/22/2017	1.8	2.7		12	17				
3/23/2017						13	37	9.3	19
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017		3.1	1.6						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-6	GWC-5	GWC-25	GWC-12	GWC-11	GWC-9
5/2/2017	2.1			12	38	41		14	18
5/3/2017							41		
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
10/3/2017	2.1	3.2		14	27				19
10/4/2017			1.8				40	16	
10/5/2017						11			
10/6/2017									
1/19/2018									
1/22/2018			1.9						
1/23/2018	2.2	3		14	31				
1/24/2018							38	12	16
1/25/2018						12			
1/26/2018									
3/15/2018									
3/16/2018									
6/19/2018	2								
6/20/2018		3.2						13	
6/21/2018									13
6/25/2018				12	35				
6/26/2018							38		
6/27/2018			1.7			8.5			
9/25/2018				15					
9/26/2018						9.2			18
9/27/2018			2.1					9	
9/28/2018							46		
10/1/2018	2.1								
10/2/2018		3.1							
10/3/2018					32				
1/17/2019									
1/18/2019									
1/21/2019	2								
1/22/2019									11
1/24/2019			1.9			5.4		3.8	
1/25/2019							46		
1/28/2019		2.9							
1/30/2019				12	34				
1/31/2019									
6/24/2019									
6/25/2019			1.8			3.5			14
6/26/2019	2	2.8		12	39		43	11	
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019		3.3				6	42		
9/12/2019	1.9		1.8	16	31				
9/16/2019								14	19
9/17/2019									
3/10/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-6	GWC-5	GWC-25	GWC-12	GWC-11	GWC-9
3/11/2020	1.8	2.6							
3/12/2020						8.9			
3/13/2020			2.3						
3/16/2020				12	33			3.1	8.9
3/17/2020									
3/18/2020							46		
9/9/2020					32				
9/10/2020							46	21	
9/11/2020	2.1	2.7		15					14
9/14/2020						3.4			
9/15/2020			2						
9/16/2020									
3/15/2021									
3/16/2021	2.2	3					52		11
3/17/2021			2.1	15	34	7.1		13	
3/18/2021									
8/16/2021									
8/18/2021	2.3			16					
8/19/2021			2.1		35	7.4	51		
8/20/2021									
8/23/2021								9.1	
8/24/2021		2.7							
8/25/2021									12
2/28/2022									
3/1/2022									
3/2/2022	2.6	2.8		14	30				
3/7/2022							48	6.9	
3/8/2022						7.3			
3/9/2022			2						8.1
3/10/2022									
8/9/2022									
8/10/2022		3.1	1.7			7.6			
8/11/2022				15	28				
8/15/2022	2.9							8.7	
8/16/2022							54		14
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023							55		8.1
2/16/2023									
2/17/2023									
2/20/2023	3	3.6		15	30				
2/21/2023			2			7.4		3.4	
2/22/2023									
8/8/2023									
8/9/2023									14
8/10/2023									
8/14/2023				16	32		53	7.2	
8/15/2023						7.1			
8/16/2023	4	3.5	1.9						
2/13/2024									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-6	GWC-5	GWC-25	GWC-12	GWC-11	GWC-9
2/14/2024				15	30			6.7	
2/19/2024									7.2
2/20/2024			1.8				49		
2/21/2024						8.3			
2/22/2024	4.9	3.7							
7/29/2024									
7/30/2024									
7/31/2024					32				9.5
8/1/2024				17		10			
8/2/2024			1.7						
8/5/2024	7.2	3.5							
8/6/2024							55	7.9	
8/7/2024									
2/10/2025									
2/11/2025									
2/13/2025		3.1	1.7						
2/14/2025					31	7.3			
2/17/2025							59		
2/18/2025	7.7			16				8.8	8.7
2/19/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-7	GWC-13	GWC-23	GWC-10	GWC-31	GWC-18	GWC-19	GWC-20
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	27.2	70.8	3.91	3.32					
3/30/2016					27.6	11.3	6.88	8.32	8.78
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	30.8	63.2							
5/25/2016			4.06	3.4	28.5	12.9			
5/26/2016							6.42	6.78	9.13
7/21/2016									
7/22/2016		56							
7/25/2016							5.3	4.7	7.7
7/26/2016	24		3.7						
7/27/2016				2.9	29	12			
9/14/2016									
9/15/2016		60	3.7						
9/16/2016					27				
9/19/2016	30						5.4	4.3	
9/20/2016				3.3					8.9
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016	30	59							
11/17/2016			3.5		29		5.5	4.1	7.9
11/18/2016				2.9					
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017						8.3			
1/26/2017	29	61							
1/31/2017			4.1						
2/1/2017					26		7.3		
2/2/2017								14	8.9
2/3/2017				3.3					
3/15/2017									
3/16/2017									
3/17/2017									
3/22/2017		56							
3/23/2017	33		3.9			10			
3/24/2017					24		6.4	8.7	
3/28/2017				3.1					7.9
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-7	GWC-13	GWC-23	GWC-10	GWC-31	GWC-18	GWC-19	GWC-20
5/2/2017		59				9.8			
5/3/2017	28		4.1		29		6.8	9.9	
5/4/2017				3.3					9.1
7/18/2017									
7/19/2017						10			
8/1/2017									
8/4/2017						13			
10/3/2017		57							
10/4/2017					32				
10/5/2017	28		4.5	3.6			7.3	7.5	
10/6/2017						13			9.4
1/19/2018									
1/22/2018									
1/23/2018		51				11			
1/24/2018	25								
1/25/2018			4.6	3.3	22		7.1	8.5	
1/26/2018									8.5
3/15/2018									
3/16/2018						12			
6/19/2018									
6/20/2018			4	3.4					
6/21/2018	29				13		6.4	7.3	8.6
6/25/2018		54							
6/26/2018									
6/27/2018						9.6			
9/25/2018									
9/26/2018	34								
9/27/2018					13			5.9	9.8
9/28/2018							6.9		
10/1/2018				3.6					
10/2/2018		52	4.2						
10/3/2018						11			
1/17/2019									
1/18/2019									
1/21/2019		52							
1/22/2019	22		4.4						
1/24/2019									
1/25/2019				3.7					
1/28/2019							7	9.9	8.6
1/30/2019									
1/31/2019					15	11			
6/24/2019									
6/25/2019	29	50	4.3						9
6/26/2019				3.6	16	11		7.3	
6/27/2019							7		
9/9/2019									
9/10/2019	30	50							
9/11/2019						12	7		8.4
9/12/2019			4.2	3.6				5.4	
9/16/2019									
9/17/2019					7.2				
3/10/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-7	GWC-13	GWC-23	GWC-10	GWC-31	GWC-18	GWC-19	GWC-20
3/11/2020									
3/12/2020	19	47	4.3						
3/13/2020									
3/16/2020									
3/17/2020					15	10	7.6		
3/18/2020				4				11	8.9
9/9/2020									
9/10/2020			4.6	3.7	29				
9/11/2020						11			
9/14/2020	27	43					7.3		
9/15/2020								5.7	8.1
9/16/2020									
3/15/2021									
3/16/2021	28	47				9.7	7.8		8.9
3/17/2021			4.4					9.6	
3/18/2021				3.5	19				
8/16/2021									
8/18/2021									
8/19/2021		47							
8/20/2021	28				14				
8/23/2021			4.2	3.9					
8/24/2021							7.8	9.3	9.2
8/25/2021						9.4			
2/28/2022									
3/1/2022									
3/2/2022	24	47							
3/7/2022									8.6
3/8/2022			3.9		16		7.5	9	
3/9/2022				3.5					
3/10/2022						8.3			
8/9/2022									
8/10/2022									
8/11/2022	24	43					6.6	4.7	
8/15/2022			4.2						
8/16/2022				3.5	21	7.4			8.8
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023	23				15				
2/16/2023									
2/17/2023									
2/20/2023							8.5		
2/21/2023		50	5.3	4				11	
2/22/2023						8.6			9.3
8/8/2023									
8/9/2023	26	47					8.4	5.7	9.6
8/10/2023					16				
8/14/2023									
8/15/2023				4.2					
8/16/2023			4.3			11			
2/13/2024									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-7	GWC-13	GWC-23	GWC-10	GWC-31	GWC-18	GWC-19	GWC-20
2/14/2024									
2/19/2024			5.1	3.8					
2/20/2024					13				9.7
2/21/2024	20	44				7.1	8.7	11	
2/22/2024									
7/29/2024									
7/30/2024	22			4.1					
7/31/2024					19				
8/1/2024		48							
8/2/2024						9.5			10
8/5/2024			4.8						
8/6/2024								5.7	
8/7/2024							8.9		
2/10/2025									
2/11/2025				4.1					
2/13/2025	26	38					8.7		
2/14/2025								9.2	9.1
2/17/2025									
2/18/2025			5.8			7.8			
2/19/2025					16				

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-24	GWC-14	GWC-15	GWC-16	GWC-21	GWA-3 (bg)	GWC-22
3/22/2016								
3/23/2016								
3/24/2016								
3/28/2016								
3/29/2016								
3/30/2016	8.15	1.01	13.8	13.3	6.72	2.98		
3/31/2016							39.6	11.5
5/19/2016								
5/20/2016								
5/23/2016								
5/24/2016								
5/25/2016	8.68	0.69	22.2	10.6	7.09		28.3	
5/26/2016						3.16		11.5
7/21/2016								
7/22/2016								
7/25/2016								
7/26/2016			28	7.2		2.9		9.5
7/27/2016	7.9	0.4			6.4		22	
9/14/2016								
9/15/2016			30					
9/16/2016		1.3			6.7			
9/19/2016	7.8							
9/20/2016				6.9		3.6		11
11/9/2016								
11/10/2016								
11/11/2016								
11/14/2016								
11/15/2016								
11/16/2016								
11/17/2016	7.5		46	6.1	6.3	2.8		10
11/18/2016		1.3						
1/17/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/25/2017								
1/26/2017								
1/31/2017								
2/1/2017	8.7		15	9.6	6.8			
2/2/2017						3.3		
2/3/2017		1.2						11
3/15/2017								
3/16/2017								
3/17/2017								
3/22/2017								
3/23/2017			18	9.9				
3/24/2017	7.5				6.3			
3/28/2017						3.2		9.8
3/29/2017		1.3						
4/27/2017								
4/28/2017								
5/1/2017								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-24	GWC-14	GWC-15	GWC-16	GWC-21	GWA-3 (bg)	GWC-22
5/2/2017								
5/3/2017	8.2		18	9.4	6.9			10
5/4/2017		1.6				3.1		
7/18/2017								
7/19/2017								
8/1/2017							72	
8/4/2017								
10/3/2017								
10/4/2017	9.1		48	9.3				
10/5/2017		1.4			7.4			11
10/6/2017						4.1		
1/19/2018								
1/22/2018								
1/23/2018								
1/24/2018								
1/25/2018	8.3	1.3	19	11	7.1			10
1/26/2018						3.2		
3/15/2018								
3/16/2018								
6/19/2018								
6/20/2018			45	11	6.9	3.6	43	10
6/21/2018								
6/25/2018								
6/26/2018	7.7							
6/27/2018		0.38						
9/25/2018								
9/26/2018								
9/27/2018						4.6		
9/28/2018		0.81						
10/1/2018			22	8	7			10
10/2/2018	8.2							
10/3/2018								
1/17/2019								
1/18/2019							10	
1/21/2019								
1/22/2019			25	13				
1/24/2019	7.7					4.1		10
1/25/2019					7			
1/28/2019								
1/30/2019								
1/31/2019		0.39						
6/24/2019								
6/25/2019	8.4		26	9.8	7	5	10	12
6/26/2019		0.34 (J)						
6/27/2019								
9/9/2019								
9/10/2019								11
9/11/2019	8	0.9			7.1	4.1	11	
9/12/2019			52					
9/16/2019								
9/17/2019				7.7				
3/10/2020							11	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-24	GWC-14	GWC-15	GWC-16	GWC-21	GWA-3 (bg)	GWC-22
3/11/2020								
3/12/2020		0.42 (J)						
3/13/2020								
3/16/2020				14				
3/17/2020	8.5		40		7.4			
3/18/2020						7.3		11
9/9/2020							12	
9/10/2020			39	7.8				10
9/11/2020					6.9			
9/14/2020	6.6							
9/15/2020		0.15 (J)				6.4		
9/16/2020								
3/15/2021							16	11
3/16/2021	7.9					6		
3/17/2021			38		7.3			
3/18/2021		0.18 (J)		12				
8/16/2021								
8/18/2021							16	
8/19/2021		0.32 (J)				10		11
8/20/2021	8.7				7.1			
8/23/2021			21					
8/24/2021				8.6				
8/25/2021								
2/28/2022								
3/1/2022							15	
3/2/2022								
3/7/2022			31	11		6.5		
3/8/2022	7.9				6.6			11
3/9/2022								
3/10/2022		0.14 (J)						
8/9/2022							17	
8/10/2022								
8/11/2022	7.8							
8/15/2022								
8/16/2022			39	7.7	7	7		
8/17/2022								9.8
8/18/2022		0.3 (J)						
2/13/2023								
2/14/2023							18	11
2/15/2023								
2/16/2023		0.19 (J)						
2/17/2023			23					
2/20/2023	13				7.5			
2/21/2023				10		5.7		
2/22/2023								
8/8/2023							19	
8/9/2023						9.3		
8/10/2023	9.8							
8/14/2023			21	9	7.8			11
8/15/2023								
8/16/2023		0.2 (J)						
2/13/2024								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-24	GWC-14	GWC-15	GWC-16	GWC-21	GWA-3 (bg)	GWC-22
2/14/2024								11
2/19/2024			26			5.5		
2/20/2024	12							
2/21/2024				10	7.6			
2/22/2024		1.4						
7/29/2024								
7/30/2024						7.7		
7/31/2024							24	
8/1/2024								
8/2/2024								
8/5/2024					7.5			
8/6/2024		1.3	36	7.8				11
8/7/2024	12							
2/10/2025								
2/11/2025					10	12		11
2/13/2025	11							
2/14/2025		1						
2/17/2025			19					
2/18/2025				11				
2/19/2025								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-33	GWC-27	GWA-1 (bg)	GWC-32	GWC-30	GWA-2 (bg)
3/22/2016	1.3716	1.5096							
3/23/2016			9.041	2.2604	1.0825	1.8057	1.0533	1.3598	2.5102
3/24/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
5/19/2016		1.51	13.1						
5/20/2016						1.84		1.4	
5/23/2016	1.33								
5/24/2016					1.08		1.1		4.52
5/25/2016									
5/26/2016									
7/21/2016		1.6	17			1.9		1.4	
7/22/2016							1.1		
7/25/2016	1.4								
7/26/2016					1.1				4
7/27/2016									
9/14/2016			17						
9/15/2016	1.3					1.8			
9/16/2016							1.1		4.1
9/19/2016					1				
9/20/2016								1.3	
11/9/2016	1.4								
11/10/2016			23						4.6
11/11/2016					0.97 (J)	1.8			
11/14/2016								1.3	
11/15/2016							1.1		
11/16/2016									
11/17/2016				2.5					
11/18/2016									
1/17/2017	1.3	1.3	14						
1/19/2017						1.8			5.6
1/20/2017					0.99 (J)				
1/24/2017								1.3	
1/25/2017				2.1					
1/26/2017							1.1		
1/31/2017									
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017		1.3							
3/16/2017	1.2		16		1	1.7			
3/17/2017								1.3	4.4
3/22/2017									
3/23/2017				2					
3/24/2017							1.1		
3/28/2017									
3/29/2017									
4/27/2017	1.2	1.4	15						
4/28/2017					0.96 (J)	1.7			4.7
5/1/2017				2.1				1.3	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-33	GWC-27	GWA-1 (bg)	GWC-32	GWC-30	GWA-2 (bg)
5/2/2017							0.99 (J)		
5/3/2017									
5/4/2017									
7/18/2017		1.2							
7/19/2017				2.1					
8/1/2017		1.3							
8/4/2017				1.9					
8/24/2017				1.9					
10/3/2017	1.2	1.2	17		0.96 (J)				4.7
10/4/2017						1.7		1.2	
10/5/2017				2.1					
10/6/2017							1.1		
12/1/2017									
1/19/2018	1.1	1			0.91 (J)	1.6			4.3
1/22/2018			15						
1/23/2018				2			<1		
1/24/2018								1.1	
1/25/2018									
1/26/2018									
3/15/2018	1.3	1.3							
3/16/2018					1		1		
6/19/2018	1.2	1.2	12			1.7			3.6
6/20/2018									
6/21/2018								1.2	
6/25/2018									
6/26/2018				2			0.89 (J)		
6/27/2018					0.92 (J)				
9/25/2018	1.2	1.2	17			1.7			4.9
9/26/2018									
9/27/2018					1				
9/28/2018									
10/1/2018									
10/2/2018				2.2			1		
10/3/2018								1.4	
1/17/2019			11			1.8			3.7
1/18/2019		1.3							
1/21/2019	1.2								
1/22/2019									
1/24/2019					1.1				
1/25/2019									
1/28/2019									
1/30/2019				2.2			0.98 (J)	1.2	
1/31/2019									
6/24/2019			11			1.7			6.1
6/25/2019	1.3	24							
6/26/2019				2.2	1.1				
6/27/2019							1.1	1.4	
9/9/2019						1.9			
9/10/2019	1.3	1.3	17					1.3	5.1
9/11/2019									
9/12/2019				2.1	0.88 (J)		0.99 (J)		
9/16/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-33	GWC-27	GWA-1 (bg)	GWC-32	GWC-30	GWA-2 (bg)
9/17/2019									
3/10/2020	1.4	1.1	10			2			3.9
3/11/2020								1.5	
3/12/2020				2.4	1.3				
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020							1.4		
9/9/2020	1.3	1.2	13		1.1	2			
9/10/2020								1.4	5.1
9/11/2020									
9/14/2020									
9/15/2020							1.1		
9/16/2020				2.2					
3/15/2021	1.2	1.2	6.7			2.2			4
3/16/2021									
3/17/2021							1.2		
3/18/2021				2.2	1.2			1.4	
8/16/2021	1.5					2.3			
8/18/2021		1.4	11						5.2
8/19/2021									
8/20/2021									
8/23/2021					1.1			1.5	
8/24/2021				2.6			1.3		
8/25/2021									
2/28/2022						2.1			
3/1/2022	1.2		8.6						4.2
3/2/2022		1.2						1.3	
3/7/2022									
3/8/2022					0.72 (J)				
3/9/2022				1.5			1		
3/10/2022									
8/9/2022	1.2	1.1	14			2			5.3
8/10/2022					0.97 (J)		1.1	1.3	
8/11/2022									
8/15/2022				1.9					
8/16/2022									
8/17/2022									
8/18/2022									
2/13/2023		1							
2/14/2023	1.2		9.9			2		1.3	3.6
2/15/2023							1.2		
2/16/2023									
2/17/2023									
2/20/2023				1.8	0.92 (J)				
2/21/2023									
2/22/2023									
8/8/2023		1.2							
8/9/2023	1.3		13			2.1			5.4
8/10/2023									
8/14/2023									
8/15/2023				1.9	0.98 (J)		1.2		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-33	GWC-27	GWA-1 (bg)	GWC-32	GWC-30	GWA-2 (bg)
8/16/2023								1.4	
2/13/2024						2			
2/14/2024	1.1	0.93 (J)	12						2.8
2/19/2024									
2/20/2024				2.4	1.4		1.8		
2/21/2024								1.8	
2/22/2024									
7/29/2024	1.4		11						
7/30/2024		1.3			1.2	2.2			5.1
7/31/2024				1.9					
8/1/2024									
8/2/2024									
8/5/2024								1.4	
8/6/2024							0.62 (J)		
8/7/2024									
2/10/2025	1.4		14						
2/11/2025		1.1			1.3	2.8			4.4
2/13/2025								1.7	
2/14/2025									
2/17/2025									
2/18/2025									
2/19/2025				1.6			1.1		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-6	GWC-5	GWC-25	GWC-8	GWC-9	GWC-11
3/22/2016									
3/23/2016									
3/24/2016	4.4998	2.8217	1.2259						
3/28/2016				5.312	9.818	5.992			
3/29/2016							3.5914	7.395	3.4214
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	4.19		1.19		10.4				
5/24/2016				6.21			3.16	16.4	
5/25/2016		2.93							5.33
5/26/2016						8.14			
7/21/2016	4.4		1.3	6.6	11				
7/22/2016									
7/25/2016								55	5.8
7/26/2016		3					5.9		
7/27/2016						6.3			
9/14/2016									
9/15/2016	4		1.2	6.1	10				
9/16/2016									
9/19/2016		2.9				5.1	5.4	73	5.2
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016		2.8							
11/15/2016	4.2		1.2		11	3.9			
11/16/2016				6.2			6.2	83	6.7
11/17/2016									
11/18/2016									
1/17/2017									
1/19/2017		2.8							
1/20/2017									
1/24/2017						3.6			
1/25/2017			1.2						
1/26/2017	4.2			5.8	9.2		3.6		
1/31/2017								17	2.1
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017									
3/16/2017		2.7							
3/17/2017									
3/22/2017	3.9		1.1	5.2	8.7				
3/23/2017						3.2	3.9	8.2	2
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017		2.8	1.1						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-6	GWC-5	GWC-25	GWC-8	GWC-9	GWC-11
5/2/2017	4			5.1	13	3.5		11	3.3
5/3/2017							6.1		
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	3.8		1.1	5.4	12			10	
10/4/2017		2.8							3.5
10/5/2017						3.5	6.4		
10/6/2017									
12/1/2017									
1/19/2018									
1/22/2018		2.6							
1/23/2018	3.5		0.95 (J)	5.1	13				
1/24/2018							3.5	5.6	2.3
1/25/2018						3.6			
1/26/2018									
3/15/2018									
3/16/2018									
6/19/2018	3.4								
6/20/2018			1.1						3.1
6/21/2018							4.5	4.5	
6/25/2018				5.5	12				
6/26/2018									
6/27/2018		2.8				5.2			
9/25/2018				6.3					
9/26/2018						5.6	5.4	19	
9/27/2018		3							3.3
9/28/2018									
10/1/2018	3.6								
10/2/2018			1.1						
10/3/2018					17				
1/17/2019									
1/18/2019									
1/21/2019	3.5								
1/22/2019							2.8	2.3	
1/24/2019		3.1				8.7			0.94 (J)
1/25/2019									
1/28/2019			1.3						
1/30/2019				5.3	15				
1/31/2019									
6/24/2019									
6/25/2019		3				9	3.9	7.7	
6/26/2019	3.4		1.2	6	10				3.2
6/27/2019									
9/9/2019									
9/10/2019							6		
9/11/2019			1.1			7.9			
9/12/2019	3.2	2.3		7.7	13				
9/16/2019								29	3.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-6	GWC-5	GWC-25	GWC-8	GWC-9	GWC-11
9/17/2019									
3/10/2020									
3/11/2020	3.5		1.4						
3/12/2020						6.9	2.9		
3/13/2020		3.1							
3/16/2020				9.7	9.5			2.3	0.81 (J)
3/17/2020									
3/18/2020									
9/9/2020					10				
9/10/2020									4.2
9/11/2020	3.9		1.2	8.1				17	
9/14/2020						8.2	5.5		
9/15/2020		3.1							
9/16/2020									
3/15/2021									
3/16/2021	4.2		1.1				3.7	3.3	
3/17/2021		3		7.8	9.7	5.9			2.8
3/18/2021									
8/16/2021									
8/18/2021	4.5			7.5					
8/19/2021		3.1			10	5.9			
8/20/2021							4.1		
8/23/2021									2.7
8/24/2021			1.4						
8/25/2021								7.4	
2/28/2022									
3/1/2022									
3/2/2022	4.6		1.1	7.6	11		3		
3/7/2022									1.4
3/8/2022						4.6			
3/9/2022		3.3						4	
3/10/2022									
8/9/2022									
8/10/2022		2.9	1.2			7.4			
8/11/2022				8.4	10		5.3		
8/15/2022	5.1								2.3
8/16/2022								11	
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023							2	4	
2/16/2023									
2/17/2023									
2/20/2023	6.8		1.1	5.7	9.4				
2/21/2023		2.6				5.9			0.8 (J)
2/22/2023									
8/8/2023									
8/9/2023							5.4	12	
8/10/2023									
8/14/2023				6.7	9.7				1.9
8/15/2023						8.9			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-26	GWC-34	GWC-6	GWC-5	GWC-25	GWC-8	GWC-9	GWC-11
8/16/2023	11	3	1.2						
2/13/2024									
2/14/2024				5.3	11				1.4
2/19/2024								6.7	
2/20/2024		3.6							
2/21/2024						8.3	3		
2/22/2024	19		1.6						
7/29/2024									
7/30/2024							3.4 (J)		
7/31/2024					12			6.1	
8/1/2024				7.1		7.4			
8/2/2024		2.1							
8/5/2024	22		1.3						
8/6/2024									2
8/7/2024									
2/10/2025									
2/11/2025									
2/13/2025		3.7	1.5				4.5		
2/14/2025					14	9.2			
2/17/2025									
2/18/2025	25			5.7				7.1	1.7
2/19/2025									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-13	GWC-12	GWC-10	GWC-18	GWC-31	GWC-16	GWC-17	GWC-20
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	1.9463	1.3057	10.931						
3/30/2016				3.7204	1.9012	1.9069	1.4751	1.3046	2.0074
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016	1.96	1.27	10.5	3.89		1.89	1.43	1.31	
5/26/2016					1.78				2
7/21/2016									
7/22/2016			13						
7/25/2016					1.7				2.1
7/26/2016		1.4							
7/27/2016	2.1			6.5			1.7	1.4	
9/14/2016									
9/15/2016		1.3	13						
9/16/2016				5.9			1.5		
9/19/2016					1.6			1.3	
9/20/2016	1.9								2
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016			14						
11/17/2016		1.2		7.9	1.5		1.4	1.3	1.9
11/18/2016	1.8								
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017						1.9			
1/26/2017									
1/31/2017		1.2	17						
2/1/2017				4.9	1.9		1.4	1.2	
2/2/2017									1.9
2/3/2017	1.9								
3/15/2017									
3/16/2017									
3/17/2017									
3/22/2017									
3/23/2017		1.2	20						
3/24/2017				2.6	1.8		1.3	1.1	
3/28/2017	1.8								1.8
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-13	GWC-12	GWC-10	GWC-18	GWC-31	GWC-16	GWC-17	GWC-20
5/2/2017									
5/3/2017		1.1	18	3.9	1.6		1.3	1.2	
5/4/2017	1.8								1.9
7/18/2017									
7/19/2017						1.6			
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017									
10/4/2017			18	3.9				1.1	
10/5/2017	1.8	1.1			1.5		1.3		
10/6/2017						1.7			1.8
12/1/2017									
1/19/2018									
1/22/2018									
1/23/2018						1.4			
1/24/2018			19						
1/25/2018	1.6	1		4.2	1.6		1.2	0.99 (J)	
1/26/2018									1.6
3/15/2018									
3/16/2018						1.6			
6/19/2018									
6/20/2018	1.9	1.2					1.3		
6/21/2018				4.6	1.5				1.9
6/25/2018									
6/26/2018			20					1.1	
6/27/2018						1.5			
9/25/2018									
9/26/2018									
9/27/2018				5.4					1.8
9/28/2018			21		1.6				
10/1/2018	1.9						1.4		
10/2/2018		1.3						1.2	
10/3/2018						1.7			
1/17/2019									
1/18/2019									
1/21/2019									
1/22/2019		1.2							
1/24/2019								1.2	
1/25/2019	2		23				1.5		
1/28/2019					1.7				2
1/30/2019									
1/31/2019				4		1.3			
6/24/2019									
6/25/2019		1.3					1.5	1.2	1.9
6/26/2019	2		21	4.2		1.5			
6/27/2019					1.6				
9/9/2019									
9/10/2019									
9/11/2019			23		1.5		1.6	1.1	1.9
9/12/2019	1.9	1							
9/16/2019									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-13	GWC-12	GWC-10	GWC-18	GWC-31	GWC-16	GWC-17	GWC-20
9/17/2019				3.6					
3/10/2020									
3/11/2020									
3/12/2020		1.3							
3/13/2020									
3/16/2020									
3/17/2020				3.7	1.9	1.6	1.9	1.3	
3/18/2020	2.1		22						2.1
9/9/2020									
9/10/2020	2.1	1.4	25	4.6					
9/11/2020						1.7	1.7		
9/14/2020					1.8			1.3	
9/15/2020									2
9/16/2020									
3/15/2021									
3/16/2021			27		1.8	1.4		1.2	2
3/17/2021		1.4					1.6		
3/18/2021	2			3.2					
8/16/2021									
8/18/2021									
8/19/2021			27						
8/20/2021				4.8			1.8	1.4	
8/23/2021	2.2	1.3							
8/24/2021					2				2.5
8/25/2021						1.5			
2/28/2022									
3/1/2022									
3/2/2022									
3/7/2022			33						2.3
3/8/2022		1.4		4.8	1.6		1.7	0.86 (J)	
3/9/2022	1.4								
3/10/2022						0.94 (J)			
8/9/2022									
8/10/2022									
8/11/2022					1.6			1.2	
8/15/2022		1.3							
8/16/2022	2		31	3.7		1.6	1.6		1.9
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023			25	4.8					
2/16/2023									
2/17/2023									
2/20/2023					1.5		1.4	1.2	
2/21/2023	1.7	1.1							
2/22/2023						1			1.7
8/8/2023									
8/9/2023					1.7				2
8/10/2023				5.8				1.3	
8/14/2023			25				1.4		
8/15/2023	1.9								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-13	GWC-12	GWC-10	GWC-18	GWC-31	GWC-16	GWC-17	GWC-20
8/16/2023		1.4				1.3			
2/13/2024									
2/14/2024									
2/19/2024	2.4	1.8							
2/20/2024			26	7.4				1.6	2.5
2/21/2024					2.1	1.6	2		
2/22/2024									
7/29/2024									
7/30/2024	2.2								
7/31/2024				6.7					
8/1/2024									
8/2/2024									3.4
8/5/2024		1.5					1.7		
8/6/2024			26						
8/7/2024					1.8			7.1	
2/10/2025									
2/11/2025	2.7						2.4		
2/13/2025					2.1			1.7	
2/14/2025									2.2
2/17/2025			29						
2/18/2025		1.4				1.2			
2/19/2025				7					

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-14	GWC-24	GWC-15	GWC-21	GWC-22	GWA-3 (bg)	GWC-7
3/22/2016								
3/23/2016								
3/24/2016								
3/28/2016								
3/29/2016								
3/30/2016	2.2278	49.11	4.6264	9.921	3.9326			
3/31/2016						1.8479	8.3045	
5/19/2016								
5/20/2016								
5/23/2016								
5/24/2016								32.8
5/25/2016		65.8	4.6	6.31			10.1	
5/26/2016	1.53				3.59	1.71		
7/21/2016								
7/22/2016								31
7/25/2016	1.5							
7/26/2016		64		3.6	3.3	1.8		
7/27/2016			4.9				10	
9/14/2016								
9/15/2016		110						29
9/16/2016			3.6					
9/19/2016	1.4							
9/20/2016				2.7	3.1	1.7		
11/9/2016								
11/10/2016								
11/11/2016								
11/14/2016								
11/15/2016								
11/16/2016								32
11/17/2016	1.4	180		2.5	3	1.7		
11/18/2016			3.4					
1/17/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/25/2017								
1/26/2017								29
1/31/2017								
2/1/2017		46		5.4				
2/2/2017	3.1				<1			
2/3/2017			3.6			1.6		
3/15/2017								
3/16/2017								
3/17/2017								
3/22/2017								28
3/23/2017		68		6.6				
3/24/2017	2.1							
3/28/2017					3.4	1.5		
3/29/2017			3.2					
4/27/2017								
4/28/2017								
5/1/2017								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-14	GWC-24	GWC-15	GWC-21	GWC-22	GWA-3 (bg)	GWC-7
5/2/2017								26
5/3/2017	1.8	49		5.1		1.5		
5/4/2017			3.2		3.4			
7/18/2017								
7/19/2017								
8/1/2017								
8/4/2017								
8/24/2017								
10/3/2017							9.5	23
10/4/2017		160		4.2				
10/5/2017	1.6		3.3			1.5		
10/6/2017					3.2			
12/1/2017		150						
1/19/2018								
1/22/2018								
1/23/2018								18
1/24/2018								
1/25/2018	1.7	52	3.1	6.5		1.3		
1/26/2018					3.3			
3/15/2018								
3/16/2018								
6/19/2018								
6/20/2018		150		3.4	3.5	1.5	12	
6/21/2018	1.6							
6/25/2018								19
6/26/2018								
6/27/2018			3.8					
9/25/2018								
9/26/2018								
9/27/2018	1.3				3.1			
9/28/2018			3.8					
10/1/2018		74		4.3		1.6		
10/2/2018								19
10/3/2018								
1/17/2019								
1/18/2019							19	
1/21/2019								17
1/22/2019		80		9.1				
1/24/2019					4.1	1.6		
1/25/2019								
1/28/2019	2.2							
1/30/2019								
1/31/2019			4.1					
6/24/2019								
6/25/2019		82		5.8	3.5	1.7	<1	16
6/26/2019	1.5		4.4					
6/27/2019								
9/9/2019								
9/10/2019						1.6		15
9/11/2019			4.2		2.9		22	
9/12/2019	1.3	190						
9/16/2019								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-14	GWC-24	GWC-15	GWC-21	GWC-22	GWA-3 (bg)	GWC-7
9/17/2019				2.8				
3/10/2020							43	
3/11/2020								
3/12/2020			4.2					13
3/13/2020								
3/16/2020				9.5				
3/17/2020		120						
3/18/2020	2.5				3.8	1.8		
9/9/2020							34	
9/10/2020		140		3.7		1.6		
9/11/2020								
9/14/2020								12
9/15/2020	1.4		4.9		3.2			
9/16/2020								
3/15/2021						1.5	49	
3/16/2021					3.5			13
3/17/2021	2.2	140						
3/18/2021			4.4	6.3				
8/16/2021								
8/18/2021							41	
8/19/2021			5.2		15	1.8		12
8/20/2021								
8/23/2021		99						
8/24/2021	1.9			5.1				
8/25/2021								
2/28/2022								
3/1/2022							15	
3/2/2022								22
3/7/2022		160		8.8	3.7			
3/8/2022	1.5					1.3		
3/9/2022								
3/10/2022			3.2					
8/9/2022							44	
8/10/2022								
8/11/2022	1.2							26
8/15/2022								
8/16/2022		150		3.7	2.7			
8/17/2022						1.5		
8/18/2022			5.2					
2/13/2023								
2/14/2023						1.4	18	
2/15/2023								
2/16/2023			4.5					
2/17/2023		84						
2/20/2023								
2/21/2023	1.7			3	2.6			35
2/22/2023								
8/8/2023							59	
8/9/2023	1.3				2.6			19
8/10/2023								
8/14/2023		44		3.8		1.4		
8/15/2023								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-19	GWC-14	GWC-24	GWC-15	GWC-21	GWC-22	GWA-3 (bg)	GWC-7
8/16/2023			4.1					
2/13/2024								
2/14/2024						1.4		
2/19/2024		110			3.5			
2/20/2024								
2/21/2024	2.5			6.4				27
2/22/2024			5.5					
7/29/2024								
7/30/2024					4.9 (J)			
7/31/2024							16	
8/1/2024								15
8/2/2024								
8/5/2024								
8/6/2024	1.4	130	4.9	3.3		2		
8/7/2024								
2/10/2025								
2/11/2025					3.9	2.1		
2/13/2025								21
2/14/2025	2.1		5.3					
2/17/2025		41						
2/18/2025				5.9				
2/19/2025								

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWC-33	GWC-32	GWC-30	GWC-27	GWA-4 (bg)
3/22/2016	1.4375	2.2163							
3/23/2016			0.019 (J)	0.0276 (J)	2.8158	2.1209	0.0999 (J)	0.4759	0.0713 (J)
3/24/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
5/19/2016		2.35							0.078 (J)
5/20/2016			0.02 (J)				0.104 (J)		
5/23/2016	1.62								
5/24/2016				0.023 (J)		2.71		0.198 (J)	
5/25/2016									
5/26/2016									
7/21/2016		3.2	<0.1				0.11 (J)		<0.1
7/22/2016						3.5			
7/25/2016	1.7								
7/26/2016				<0.1				1.2	
7/27/2016									
9/14/2016									<0.1
9/15/2016	1.6		<0.1						
9/16/2016				<0.1		3.5			
9/19/2016								0.64	
9/20/2016							0.092 (J)		
11/9/2016	1.7								
11/10/2016				<0.1					<0.1
11/11/2016			<0.1					1.2	
11/14/2016							<0.1		
11/15/2016						3.2			
11/16/2016									
11/17/2016					4.1				
11/18/2016									
1/17/2017	1.6	2.6							<0.1
1/19/2017			<0.1	<0.1					
1/20/2017								0.83	
1/24/2017							0.094 (J)		
1/25/2017					5.6				
1/26/2017						3.9			
1/31/2017									
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017		1.9							
3/16/2017	1.7		<0.1					0.32	<0.1
3/17/2017				<0.1			0.084 (J)		
3/22/2017									
3/23/2017					3.1				
3/24/2017						3.2			
3/28/2017									
3/29/2017									
4/27/2017	1.4	2.5							<0.1
4/28/2017			<0.1	<0.1				0.83	
5/1/2017					4.2		0.092 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWC-33	GWC-32	GWC-30	GWC-27	GWA-4 (bg)
5/2/2017						3.5			
5/3/2017									
5/4/2017									
7/18/2017		2.2							
7/19/2017					3.4				
8/1/2017		2.5							
8/4/2017					4				
8/24/2017					4.2				
10/3/2017	1.7	2.3		<0.1				0.18 (J)	<0.1
10/4/2017			<0.1				0.091 (J)		
10/5/2017					3.9				
10/6/2017						3.5			
11/30/2017					2.8				
12/1/2017						3.4			
1/19/2018	1.4	2.1	<0.1	<0.1				0.6	
1/22/2018									<0.1
1/23/2018					3.4	3.1			
1/24/2018							<0.1		
1/25/2018									
1/26/2018									
6/19/2018	1.6	2.3	<0.1	<0.1					0.084 (J)
6/20/2018									
6/21/2018							<0.1		
6/25/2018									
6/26/2018					2.1	2.6			
6/27/2018								0.73	
9/25/2018	1.7	2.3	<0.1	<0.1					<0.1
9/26/2018									
9/27/2018								0.91	
9/28/2018									
10/1/2018									
10/2/2018					2.1	2.4			
10/3/2018							0.13 (J)		
1/17/2019			<0.1	<0.1					0.06 (J)
1/18/2019		2							
1/21/2019	1.6								
1/22/2019									
1/24/2019								0.039 (J)	
1/25/2019									
1/28/2019									
1/30/2019					2.3	2.3	0.1 (J)		
1/31/2019									
6/24/2019			0.031 (J)	0.032 (J)					0.08 (J)
6/25/2019	1.9	0.034 (J)							
6/26/2019					2.4			0.85	
6/27/2019						2	0.073 (J)		
9/9/2019			<0.1						
9/10/2019	1.8	2.6		<0.1			0.1 (J)		0.091 (J)
9/11/2019									
9/12/2019					2.4	2.8		0.18	
9/16/2019									
9/17/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWC-33	GWC-32	GWC-30	GWC-27	GWA-4 (bg)
3/10/2020	2	1.7	<0.1	<0.1					0.056 (J)
3/11/2020							0.066 (J)		
3/12/2020					2.1			0.044 (J)	
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020						2.8			
9/9/2020	1.8	1.9	<0.1					0.8	0.06 (J)
9/10/2020				<0.1			0.081 (J)		
9/11/2020									
9/14/2020									
9/15/2020						2.2			
9/16/2020					1.4				
3/15/2021	1.3	1.7	0.036 (J)	<0.1					0.046 (J)
3/16/2021									
3/17/2021						2.3			
3/18/2021					2.1		0.072 (J)	0.72	
8/16/2021	1.6		<0.1						
8/18/2021		2		<0.1					0.079 (J)
8/19/2021									
8/20/2021									
8/23/2021							0.12	0.27	
8/24/2021					1.1	2.1			
8/25/2021									
2/28/2022			<0.1						
3/1/2022	1.3			<0.1					0.035 (J)
3/2/2022		1.8					0.047 (J)		
3/7/2022									
3/8/2022								0.5	
3/9/2022					2.1	1.9			
3/10/2022									
8/9/2022	1.5	1.9	<0.1	<0.1					0.066 (J)
8/10/2022						2.1	0.075 (J)	0.67	
8/11/2022									
8/15/2022					2.3				
8/16/2022									
8/17/2022									
8/18/2022									
2/13/2023		1.7							
2/14/2023	2		<0.1	<0.1			0.091 (J)		0.076 (J)
2/15/2023						2.3			
2/16/2023									
2/17/2023									
2/20/2023					2.4			0.16	
2/21/2023									
2/22/2023									
8/8/2023		2.1							
8/9/2023	1.8		<0.1	<0.1					0.08 (J)
8/10/2023									
8/14/2023									
8/15/2023					2	2		0.61	
8/16/2023							0.073 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-2 (bg)	GWC-33	GWC-32	GWC-30	GWC-27	GWA-4 (bg)
2/13/2024			<0.1						
2/14/2024	0.95	1.2		<0.1					<0.1
2/19/2024									
2/20/2024					2.1	2.5		0.49	
2/21/2024							<0.1		
2/22/2024									
7/29/2024	1.4								0.059 (J)
7/30/2024		1.9	<0.1	<0.1				0.64	
7/31/2024					2				
8/1/2024									
8/2/2024									
8/5/2024							0.042 (J)		
8/6/2024						0.69			
8/7/2024									
2/10/2025	0.7								<0.1
2/11/2025		1.4	<0.1	<0.1				0.34	
2/13/2025							<0.1		
2/14/2025									
2/17/2025									
2/18/2025									
2/19/2025					1.7	2.2			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-25	GWC-6	GWC-5	GWC-12	GWC-13	GWC-11
3/22/2016									
3/23/2016									
3/24/2016	0.1653 (J)	0.0318 (J)	0.0396 (J)						
3/28/2016				0.0542 (J)	0.0752 (J)	0.1116 (J)			
3/29/2016							0.1936 (J)	0.1084 (J)	0.1377 (J)
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	0.155 (J)		0.0343 (J)			0.1022 (J)			
5/24/2016					0.081 (J)				
5/25/2016		0.0282 (J)					0.1797 (J)	0.1002 (J)	0.1521 (J)
5/26/2016				0.034 (J)					
7/21/2016	0.19 (J)		<0.1		0.088 (J)	0.11 (J)			
7/22/2016							0.22		
7/25/2016									0.21
7/26/2016		<0.1						0.12 (J)	
7/27/2016				<0.1					
9/14/2016									
9/15/2016	0.16 (J)		<0.1		0.084 (J)	0.084 (J)	0.18 (J)	0.1 (J)	
9/16/2016									
9/19/2016		<0.1		<0.1					0.15 (J)
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016		<0.1							
11/15/2016	0.14 (J)		<0.1	<0.1		<0.1			
11/16/2016					<0.1		0.16 (J)		0.14 (J)
11/17/2016								0.092 (J)	
11/18/2016									
1/17/2017									
1/19/2017		<0.1							
1/20/2017									
1/24/2017				<0.1					
1/25/2017	0.16 (J)								
1/26/2017			<0.1		<0.1	<0.1			
1/31/2017							0.19 (J)	0.11 (J)	<0.1
2/1/2017									
2/2/2017									
2/3/2017									
3/15/2017									
3/16/2017		<0.1							
3/17/2017									
3/22/2017	0.14 (J)		<0.1		<0.1	<0.1			
3/23/2017				<0.1			0.17 (J)	0.088 (J)	0.097 (J)
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	0.16 (J)	<0.1							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-25	GWC-6	GWC-5	GWC-12	GWC-13	GWC-11
5/2/2017			<0.1	<0.1	<0.1	0.1 (J)			0.11 (J)
5/3/2017							0.19 (J)	0.098 (J)	
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	0.17 (J)		<0.1		<0.1	0.089 (J)			
10/4/2017		<0.1					0.2		0.16 (J)
10/5/2017				<0.1				0.1 (J)	
10/6/2017									
11/30/2017									
12/1/2017									
1/19/2018									
1/22/2018		<0.1							
1/23/2018	0.13 (J)		<0.1		<0.1	0.085 (J)			
1/24/2018							0.16 (J)		0.11 (J)
1/25/2018				<0.1				0.1 (J)	
1/26/2018									
6/19/2018			<0.1						
6/20/2018	0.18 (J)							0.11 (J)	0.13 (J)
6/21/2018									
6/25/2018					<0.1	0.097 (J)			
6/26/2018							0.18 (J)		
6/27/2018		<0.1		<0.1					
9/25/2018					<0.1				
9/26/2018				<0.1					
9/27/2018		<0.1							0.12 (J)
9/28/2018							0.2		
10/1/2018			<0.1						
10/2/2018	0.18 (J)							0.13 (J)	
10/3/2018						0.13 (J)			
1/17/2019									
1/18/2019									
1/21/2019			0.031 (J)						
1/22/2019								0.1 (J)	
1/24/2019		<0.1		<0.1					0.076 (J)
1/25/2019							0.21		
1/28/2019	0.19 (J)								
1/30/2019					0.078 (J)	0.11 (J)			
1/31/2019									
6/24/2019									
6/25/2019		0.047 (J)		0.033 (J)				0.084 (J)	
6/26/2019	0.11 (J)		0.045 (J)		0.059 (J)	0.081 (J)	0.16 (J)		0.096 (J)
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019	0.15			0.039 (J)			0.17		
9/12/2019		<0.1	0.038 (J)		0.076 (J)	0.078 (J)		0.065 (J)	
9/16/2019									0.12 (J)
9/17/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-25	GWC-6	GWC-5	GWC-12	GWC-13	GWC-11
3/10/2020									
3/11/2020	0.18 (J)		0.035 (J)						
3/12/2020				0.032 (J)				0.044 (J)	
3/13/2020		0.026 (J)							
3/16/2020					0.073 (J)	0.076 (J)			0.051 (J)
3/17/2020									
3/18/2020							0.058 (J)		
9/9/2020						0.096 (J)			
9/10/2020							0.16	0.1	0.14
9/11/2020	0.15		0.034 (J)		0.079 (J)				
9/14/2020				0.031 (J)					
9/15/2020		<0.1							
9/16/2020									
3/15/2021									
3/16/2021	0.13		0.03 (J)				0.14		
3/17/2021		<0.1		0.03 (J)	0.073 (J)	0.094 (J)		0.1	0.08 (J)
3/18/2021									
8/16/2021									
8/18/2021			0.11		0.14				
8/19/2021		0.1		0.11		0.19	0.26		
8/20/2021									
8/23/2021								0.12	0.21
8/24/2021	0.22								
8/25/2021									
2/28/2022									
3/1/2022									
3/2/2022	0.086 (J)		<0.1		0.082 (J)	0.093 (J)			
3/7/2022							0.18		0.14
3/8/2022				0.057 (J)				0.13	
3/9/2022		0.049 (J)							
3/10/2022									
8/9/2022									
8/10/2022	0.14	<0.1		0.04 (J)					
8/11/2022					0.078 (J)	0.076 (J)			
8/15/2022			0.044 (J)					0.083 (J)	0.061 (J)
8/16/2022							0.13		
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023							0.13		
2/16/2023									
2/17/2023									
2/20/2023	0.13		<0.1		0.079 (J)	0.092 (J)			
2/21/2023		<0.1		0.041 (J)				0.086 (J)	0.061 (J)
2/22/2023									
8/8/2023									
8/9/2023									
8/10/2023									
8/14/2023					0.058 (J)	0.058 (J)	0.099 (J)		0.05 (J)
8/15/2023				0.045 (J)					
8/16/2023	0.15	0.04 (J)	0.046 (J)					0.082 (J)	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-25	GWC-6	GWC-5	GWC-12	GWC-13	GWC-11
2/13/2024									
2/14/2024					0.049 (J)	<0.1			0.056 (J)
2/19/2024								<0.1	
2/20/2024		<0.1					<0.1		
2/21/2024				<0.1					
2/22/2024	<0.1		<0.1						
7/29/2024									
7/30/2024									
7/31/2024						0.056 (J)			
8/1/2024				0.042 (J)	<0.1				
8/2/2024		<0.1							
8/5/2024	0.1		<0.1					0.048 (J)	
8/6/2024							<0.1		0.062 (J)
8/7/2024									
2/10/2025									
2/11/2025									
2/13/2025	<0.1	<0.1							
2/14/2025				<0.1		<0.1			
2/17/2025							<0.1		
2/18/2025			<0.1		<0.1			<0.1	<0.1
2/19/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-8	GWC-7	GWC-23	GWC-19	GWC-21	GWC-18	GWC-17	GWC-31
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	0.0671 (J)	0.0698 (J)	0.2179 (J)	0.0308 (J)					
3/30/2016					0.0369 (J)	0.0137 (J)	0.0362 (J)	0.0422 (J)	1.5245
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	0.06 (J)	0.072 (J)	0.216 (J)						
5/25/2016				0.0285 (J)				0.045 (J)	1.65
5/26/2016					0.031 (J)	0.014 (J)	0.038 (J)		
7/21/2016									
7/22/2016			0.23						
7/25/2016	0.096 (J)				<0.1		<0.1		
7/26/2016		0.092 (J)				<0.1			
7/27/2016				<0.1				<0.1	
9/14/2016									
9/15/2016			0.22						
9/16/2016									
9/19/2016	<0.1	<0.1			<0.1		<0.1	<0.1	
9/20/2016				<0.1		<0.1			
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016	<0.1	<0.1	0.22						
11/17/2016					<0.1	<0.1	<0.1	<0.1	
11/18/2016				<0.1					
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017									1.4
1/26/2017		<0.1	0.23						
1/31/2017	<0.1								
2/1/2017							<0.1	<0.1	
2/2/2017					<0.1	<0.1			
2/3/2017				<0.1					
3/15/2017									
3/16/2017									
3/17/2017									
3/22/2017			0.2						
3/23/2017	0.12 (J)	<0.1							
3/24/2017					<0.1		<0.1	<0.1	
3/28/2017				<0.1		<0.1			
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-8	GWC-7	GWC-23	GWC-19	GWC-21	GWC-18	GWC-17	GWC-31
5/2/2017	<0.1		0.21						
5/3/2017		<0.1			<0.1		<0.1	<0.1	
5/4/2017				<0.1		<0.1			
7/18/2017									
7/19/2017									1.6
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	<0.1		0.23						
10/4/2017								<0.1	
10/5/2017		0.085 (J)		<0.1	<0.1		<0.1		
10/6/2017						<0.1			1.6
11/30/2017									
12/1/2017									
1/19/2018									
1/22/2018									
1/23/2018			0.17 (J)						1.5
1/24/2018	<0.1	<0.1							
1/25/2018				<0.1	<0.1		<0.1	<0.1	
1/26/2018						<0.1			
6/19/2018									
6/20/2018				<0.1		<0.1			
6/21/2018	<0.1	<0.1			<0.1		<0.1		
6/25/2018			0.25						
6/26/2018								<0.1	
6/27/2018									1.6
9/25/2018									
9/26/2018	0.082 (J)	<0.1							
9/27/2018					<0.1	<0.1			
9/28/2018							<0.1		
10/1/2018				<0.1					
10/2/2018			0.25					<0.1	
10/3/2018									1.7
1/17/2019									
1/18/2019									
1/21/2019			0.22						
1/22/2019	0.065 (J)	0.062 (J)							
1/24/2019						<0.1		<0.1	
1/25/2019				<0.1					
1/28/2019					<0.1		<0.1		
1/30/2019									
1/31/2019									1.3
6/24/2019									
6/25/2019	0.066 (J)	0.055 (J)	0.21			0.032 (J)		0.051 (J)	
6/26/2019				0.042 (J)	0.046 (J)				1.3
6/27/2019							0.046 (J)		
9/9/2019									
9/10/2019		0.1 (J)	0.28						
9/11/2019						<0.1	0.036 (J)	0.043 (J)	
9/12/2019				0.033 (J)	0.031 (J)				
9/16/2019	0.062 (J)								
9/17/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-8	GWC-7	GWC-23	GWC-19	GWC-21	GWC-18	GWC-17	GWC-31
3/10/2020									
3/11/2020									
3/12/2020		0.043 (J)	0.16						
3/13/2020									
3/16/2020	0.08 (J)								
3/17/2020							<0.1	<0.1	1.2
3/18/2020				0.034 (J)	0.068 (J)	0.034 (J)			
9/9/2020									
9/10/2020				0.029 (J)					
9/11/2020	0.082 (J)								1.5
9/14/2020		0.062 (J)	0.19				0.033 (J)	0.056 (J)	
9/15/2020					<0.1	<0.1			
9/16/2020									
3/15/2021									
3/16/2021	0.043 (J)	0.044 (J)	0.21			<0.1	0.029 (J)	0.034 (J)	1.3
3/17/2021					<0.1				
3/18/2021				<0.1					
8/16/2021									
8/18/2021									
8/19/2021			0.35			0.48 (J)			
8/20/2021		0.1						0.091 (J)	
8/23/2021				0.051 (J)					
8/24/2021					0.078 (J)		0.083 (J)		
8/25/2021	0.1								1.5
2/28/2022									
3/1/2022									
3/2/2022		0.058 (J)	0.16						
3/7/2022						0.043 (J)			
3/8/2022					0.046 (J)		0.058 (J)	0.057 (J)	
3/9/2022	0.068 (J)			0.049 (J)					
3/10/2022									1.5
8/9/2022									
8/10/2022									
8/11/2022		0.069 (J)	0.22		<0.1		<0.1	0.041 (J)	
8/15/2022									
8/16/2022	0.076 (J)			<0.1		<0.1			1.5
8/17/2022									
8/18/2022									
2/13/2023									
2/14/2023									
2/15/2023	0.062 (J)	0.063 (J)							
2/16/2023									
2/17/2023									
2/20/2023							<0.1	0.046 (J)	
2/21/2023			0.23	<0.1	<0.1	<0.1			
2/22/2023									1.3
8/8/2023									
8/9/2023	0.081 (J)	0.096 (J)	0.28		<0.1	<0.1	0.042 (J)		
8/10/2023								0.047 (J)	
8/14/2023									
8/15/2023				<0.1					
8/16/2023									1.5

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-8	GWC-7	GWC-23	GWC-19	GWC-21	GWC-18	GWC-17	GWC-31
2/13/2024									
2/14/2024									
2/19/2024	<0.1			<0.1		<0.1			
2/20/2024								<0.1	
2/21/2024		<0.1	<0.1		<0.1		<0.1		1.5
2/22/2024									
7/29/2024									
7/30/2024		<0.1		<0.1		<0.1			
7/31/2024	<0.1								
8/1/2024			0.14						
8/2/2024									
8/5/2024									
8/6/2024					<0.1				
8/7/2024							<0.1	<0.1	
2/10/2025									
2/11/2025				<0.1		<0.1			
2/13/2025		<0.1	<0.1				<0.1	<0.1	
2/14/2025					<0.1				
2/17/2025									
2/18/2025	<0.1								1.3
2/19/2025									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-24	GWC-14	GWC-16	GWC-10	GWC-20	GWC-22	GWA-3 (bg)
3/22/2016								
3/23/2016								
3/24/2016								
3/28/2016								
3/29/2016								
3/30/2016	0.0785 (J)	0.0255 (J)	0.0355 (J)	0.0391 (J)	1.2013	0.04 (J)		
3/31/2016							0.0429 (J)	0.0551 (J)
5/19/2016								
5/20/2016								
5/23/2016								
5/24/2016								
5/25/2016	0.0757 (J)	0.0182 (J)	0.0265 (J)	0.034 (J)	1.34			0.0485 (J)
5/26/2016						0.041 (J)	0.048 (J)	
7/21/2016								
7/22/2016								
7/25/2016						<0.1		
7/26/2016	0.11 (J)		0.1 (J)				<0.1	
7/27/2016		<0.1		<0.1	1.5			<0.1
9/14/2016								
9/15/2016			<0.1					
9/16/2016		<0.1		<0.1	1.3			
9/19/2016								
9/20/2016	<0.1					<0.1	<0.1	
11/9/2016								
11/10/2016								
11/11/2016								
11/14/2016								
11/15/2016								
11/16/2016								
11/17/2016	<0.1		<0.1	<0.1	0.76	<0.1	<0.1	
11/18/2016		<0.1						
1/17/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/25/2017								
1/26/2017								
1/31/2017								
2/1/2017	0.086 (J)		<0.1	<0.1	1.3			
2/2/2017						<0.1		
2/3/2017		<0.1					<0.1	
3/15/2017								
3/16/2017								
3/17/2017								
3/22/2017								
3/23/2017	<0.1		<0.1					
3/24/2017				<0.1	1.3			
3/28/2017						<0.1	<0.1	
3/29/2017		<0.1						
4/27/2017								
4/28/2017								
5/1/2017								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-24	GWC-14	GWC-16	GWC-10	GWC-20	GWC-22	GWA-3 (bg)
5/2/2017								
5/3/2017	<0.1		<0.1	<0.1	1.1		<0.1	
5/4/2017		<0.1				<0.1		
7/18/2017								
7/19/2017								
8/1/2017								
8/4/2017								
8/24/2017								
10/3/2017								<0.1
10/4/2017	<0.1		<0.1		1.2			
10/5/2017		<0.1		<0.1			<0.1	
10/6/2017						<0.1		
11/30/2017								
12/1/2017								
1/19/2018								
1/22/2018								
1/23/2018								
1/24/2018								
1/25/2018	<0.1	<0.1	<0.1	<0.1	0.75		<0.1	
1/26/2018						<0.1		
6/19/2018								
6/20/2018	0.093 (J)		<0.1	<0.1			<0.1	<0.1
6/21/2018					0.76	<0.1		
6/25/2018								
6/26/2018								
6/27/2018		<0.1						
9/25/2018								
9/26/2018								
9/27/2018					0.59	<0.1		
9/28/2018		<0.1						
10/1/2018	0.1 (J)		0.083 (J)	<0.1			<0.1	
10/2/2018								
10/3/2018								
1/17/2019								
1/18/2019								0.028 (J)
1/21/2019								
1/22/2019	0.071 (J)		0.057 (J)					
1/24/2019							<0.1	
1/25/2019				0.027 (J)				
1/28/2019						<0.1		
1/30/2019								
1/31/2019		<0.1			0.78			
6/24/2019								
6/25/2019	0.068 (J)		0.054 (J)	0.052 (J)		0.049 (J)	0.052 (J)	0.03 (J)
6/26/2019		0.04 (J)			0.68			
6/27/2019								
9/9/2019								
9/10/2019							<0.1	
9/11/2019		<0.1		0.038 (J)		0.039 (J)		0.033 (J)
9/12/2019			<0.1					
9/16/2019								
9/17/2019	0.071 (J)				0.29			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-24	GWC-14	GWC-16	GWC-10	GWC-20	GWC-22	GWA-3 (bg)
3/10/2020								0.035 (J)
3/11/2020								
3/12/2020		<0.1						
3/13/2020								
3/16/2020	0.07 (J)							
3/17/2020			0.046 (J)	<0.1	0.74			
3/18/2020						0.048 (J)	0.056 (J)	
9/9/2020								0.032 (J)
9/10/2020	0.08 (J)		0.038 (J)		0.81		0.043 (J)	
9/11/2020				0.04 (J)				
9/14/2020								
9/15/2020		<0.1				0.033 (J)		
9/16/2020								
3/15/2021							0.045 (J)	0.027 (J)
3/16/2021						0.031 (J)		
3/17/2021			0.036 (J)	0.031 (J)				
3/18/2021	0.073 (J)	<0.1			1.1			
8/16/2021								
8/18/2021								0.035 (J)
8/19/2021		0.089 (J)					0.031 (J)	
8/20/2021				0.065 (J)	0.89			
8/23/2021			0.068 (J)					
8/24/2021	0.13					0.077 (J)		
8/25/2021								
2/28/2022								
3/1/2022								<0.1
3/2/2022								
3/7/2022	0.12		0.071 (J)			0.07 (J)		
3/8/2022				0.057 (J)	1.2		0.054 (J)	
3/9/2022								
3/10/2022		0.037 (J)						
8/9/2022								<0.1
8/10/2022								
8/11/2022								
8/15/2022								
8/16/2022	0.08 (J)		0.041 (J)	0.041 (J)	1.4	0.041 (J)		
8/17/2022							0.049 (J)	
8/18/2022		0.041 (J)						
2/13/2023								
2/14/2023							0.057 (J)	0.052 (J)
2/15/2023					0.78			
2/16/2023		<0.1						
2/17/2023			0.081 (J)					
2/20/2023				0.046 (J)				
2/21/2023	0.077 (J)							
2/22/2023						<0.1		
8/8/2023								0.055 (J)
8/9/2023						0.046 (J)		
8/10/2023					0.73			
8/14/2023	0.064 (J)		0.056 (J)	<0.1			0.044 (J)	
8/15/2023								
8/16/2023		<0.1						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/15/2025 11:11 AM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-24	GWC-14	GWC-16	GWC-10	GWC-20	GWC-22	GWA-3 (bg)
2/13/2024								
2/14/2024							<0.1	
2/19/2024			<0.1					
2/20/2024					0.77	<0.1		
2/21/2024	<0.1			<0.1				
2/22/2024		<0.1						
7/29/2024								
7/30/2024								
7/31/2024					0.72			<0.1
8/1/2024								
8/2/2024						<0.1		
8/5/2024				<0.1				
8/6/2024	0.051 (J)	<0.1	<0.1				<0.1	
8/7/2024								
2/10/2025								
2/11/2025				<0.1			<0.1	
2/13/2025								
2/14/2025		<0.1				<0.1		
2/17/2025			<0.1					
2/18/2025	<0.1							
2/19/2025					0.66			

FIGURE J.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:32 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
pH, Field (SU)	**GWA-3 (bg)**	**-0.1598**	**-102**	**-81**	**Yes**	**20**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-9**	**-0.05294**	**-257**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-35**	**4.683**	**149**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

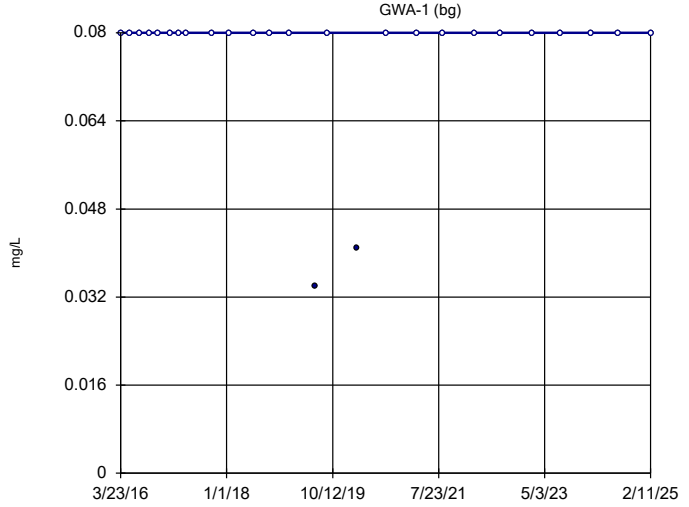
Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:32 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	GWA-1 (bg)	0	-5	-118	No	26	92.31	n/a	0.01	NP
Boron (mg/L)	GWA-2 (bg)	0	0	118	No	26	100	n/a	0.01	NP
Boron (mg/L)	GWA-3 (bg)	0	0	68	No	18	100	n/a	0.01	NP
Boron (mg/L)	GWA-4 (bg)	0	-21	-118	No	26	96.15	n/a	0.01	NP
Boron (mg/L)	GWA-28 (bg)	0	0	118	No	26	100	n/a	0.01	NP
Boron (mg/L)	GWA-29 (bg)	0	13	118	No	26	96.15	n/a	0.01	NP
Boron (mg/L)	GWC-12	0.001301	65	131	No	28	35.71	n/a	0.01	NP
Boron (mg/L)	GWC-14	0.03578	82	131	No	28	0	n/a	0.01	NP
Boron (mg/L)	GWC-35	0	15	124	No	27	77.78	n/a	0.01	NP
pH, Field (SU)	GWA-1 (bg)	-0.0009208	-4	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	GWA-2 (bg)	-0.02148	-106	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**GWA-3 (bg)**	**-0.1598**	**-102**	**-81**	**Yes**	**20**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-4 (bg)	-0.005627	-25	-124	No	27	0	n/a	0.01	NP
pH, Field (SU)	GWA-28 (bg)	-0.01436	-65	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	GWA-29 (bg)	-0.02403	-108	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	**GWC-9**	**-0.05294**	**-257**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-1 (bg)	0	-20	-118	No	26	88.46	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.138	116	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-3.168	-9	-58	No	16	6.25	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	0	-10	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-28 (bg)	-0.01415	-28	-124	No	27	3.704	n/a	0.01	NP
Sulfate (mg/L)	GWA-29 (bg)	-0.3264	-108	-124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-8	0.1026	22	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-11	0	-44	-111	No	25	68	n/a	0.01	NP
Sulfate (mg/L)	GWC-35	0.09807	62	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-1 (bg)	0.8049	98	118	No	26	26.92	n/a	0.01	NP
TDS (mg/L)	GWA-2 (bg)	2.031	86	118	No	26	11.54	n/a	0.01	NP
TDS (mg/L)	GWA-3 (bg)	0	0	63	No	17	0	n/a	0.01	NP
TDS (mg/L)	GWA-4 (bg)	0	19	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-28 (bg)	1.989	73	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	GWA-29 (bg)	0	-2	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**GWC-35**	**4.683**	**149**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -5 critical = -118

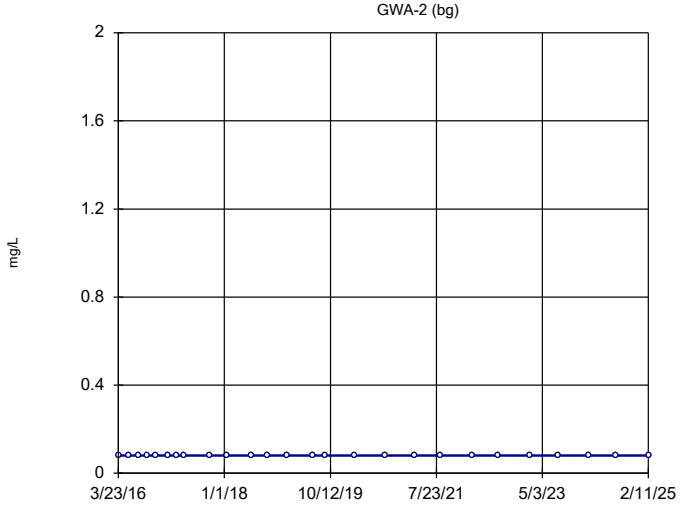
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 118

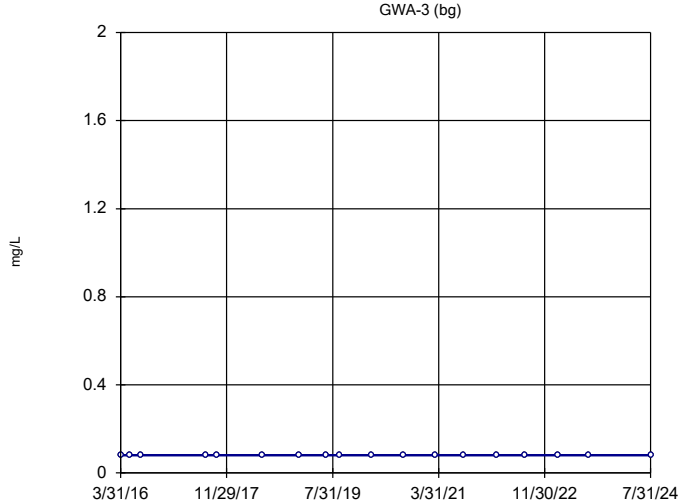
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 18

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 68

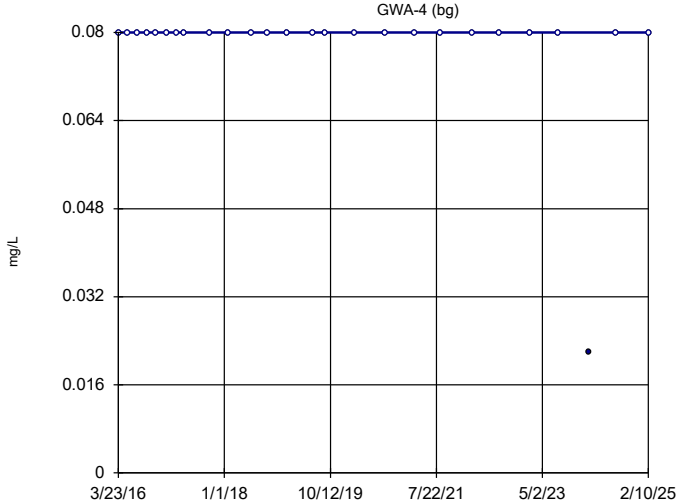
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -21 critical = -118

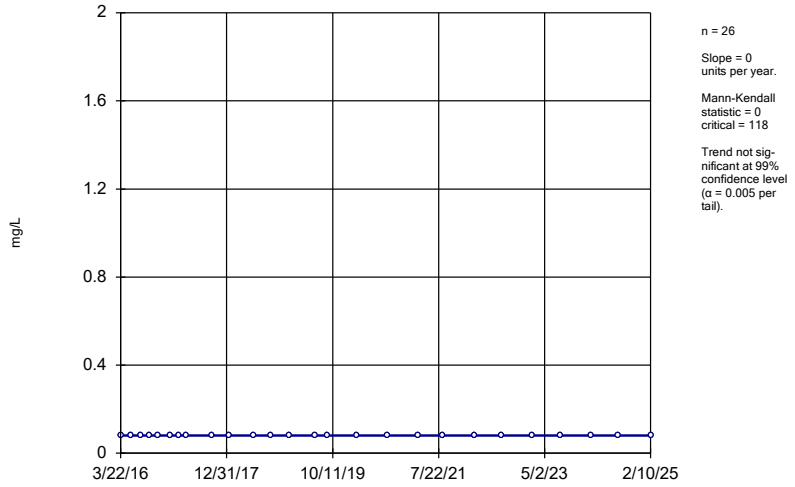
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

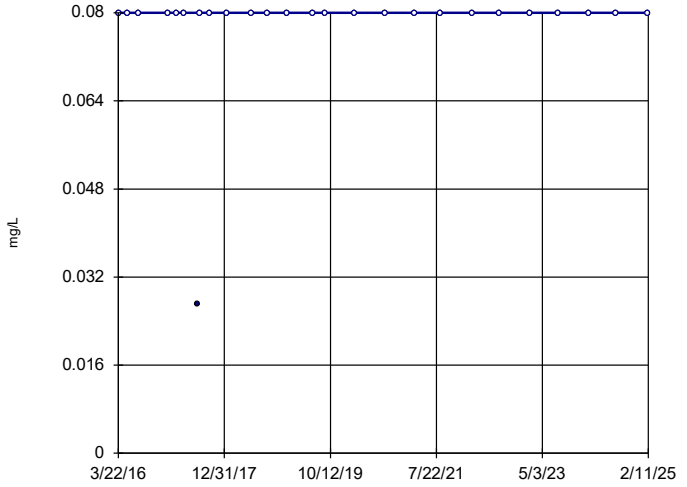
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-29 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 13
critical = 118

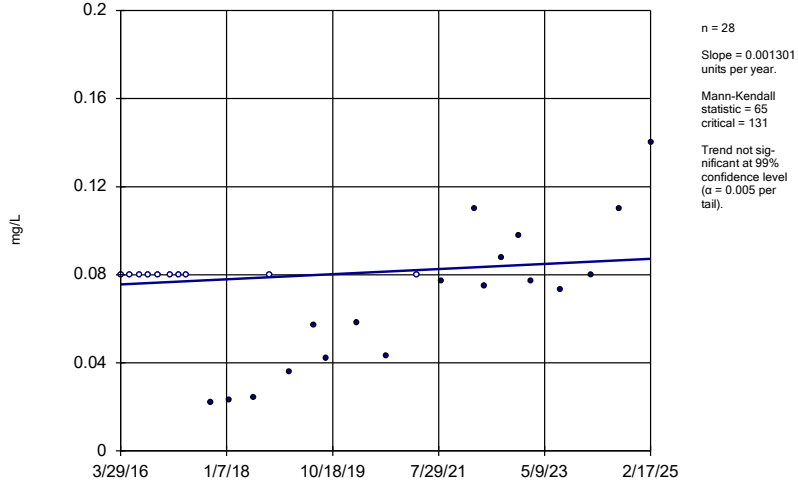
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-12



n = 28

Slope = 0.001301
units per year.

Mann-Kendall
statistic = 65
critical = 131

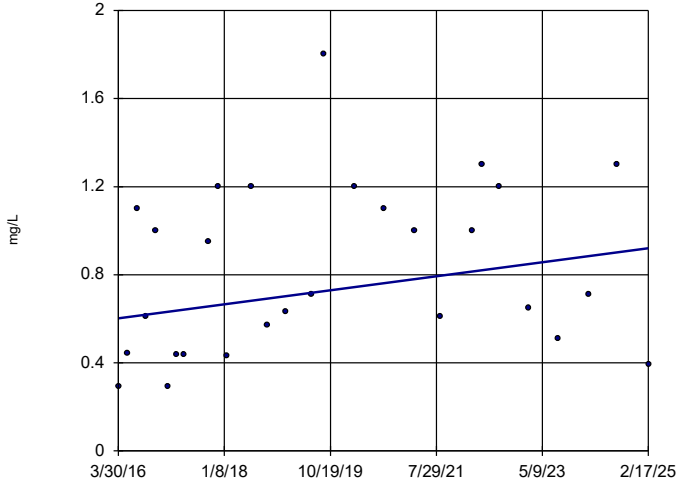
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWC-14



n = 28

Slope = 0.03578
units per year.

Mann-Kendall
statistic = 82
critical = 131

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

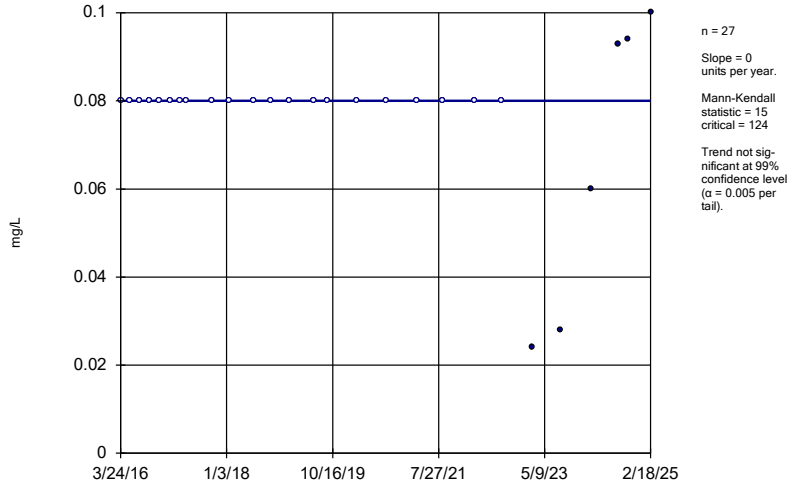
Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-35



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 15 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

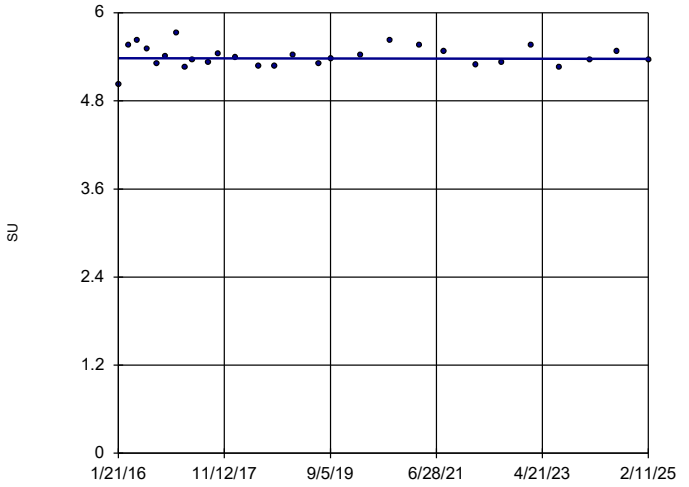
Constituent: Boron Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-1 (bg)



n = 28

Slope = -0.0009208 units per year.

Mann-Kendall statistic = -4 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

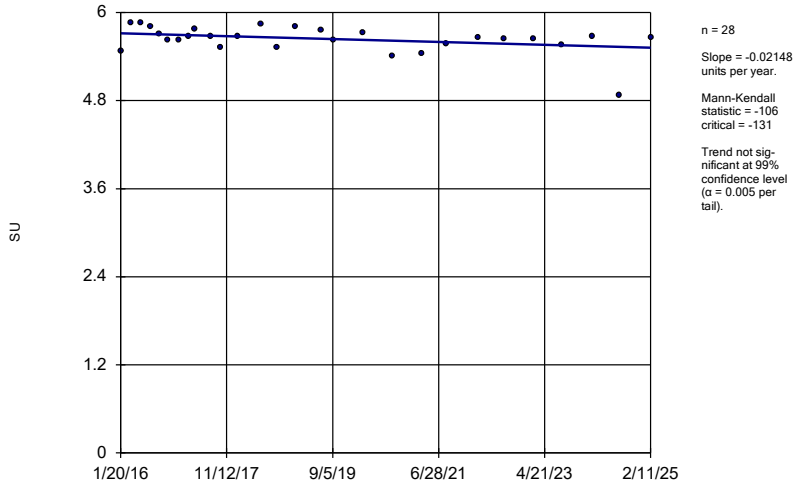
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-2 (bg)



n = 28

Slope = -0.02148 units per year.

Mann-Kendall statistic = -106 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

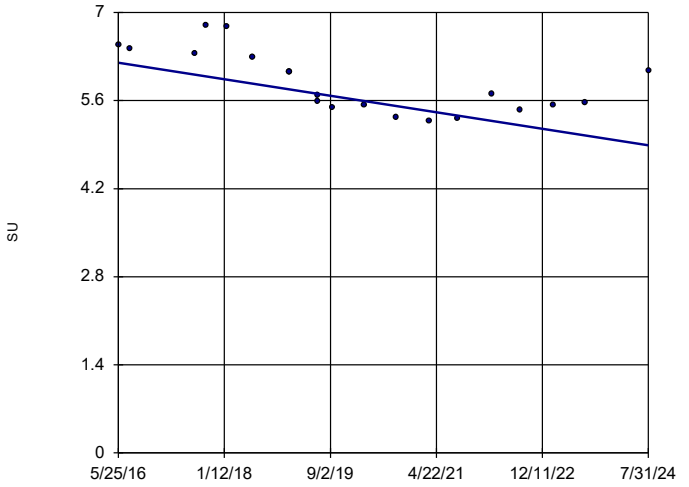
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-3 (bg)



n = 20

Slope = -0.1598 units per year.

Mann-Kendall statistic = -102 critical = -81

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

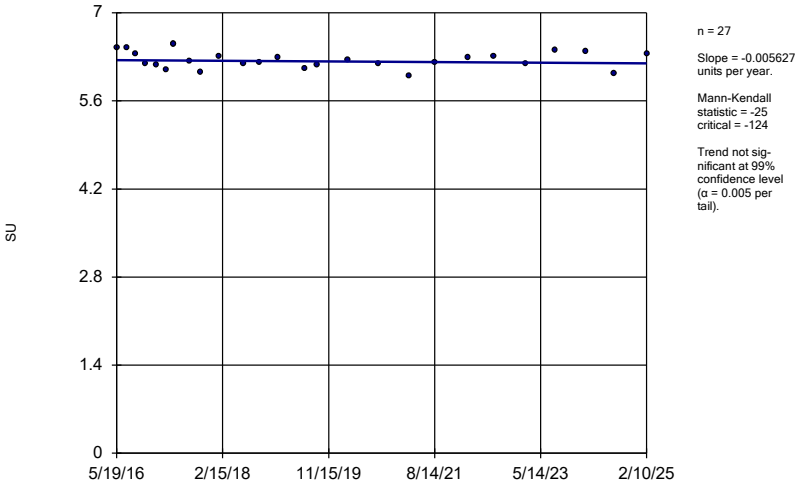
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-4 (bg)



n = 27

Slope = -0.005627 units per year.

Mann-Kendall statistic = -25 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

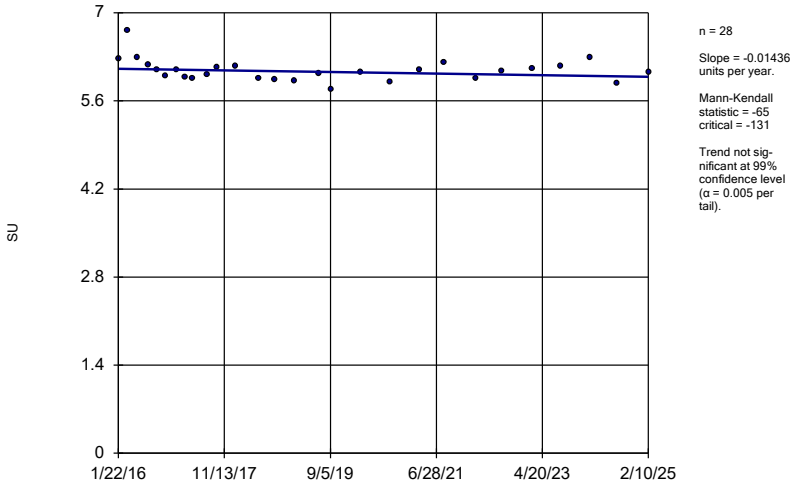
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-28 (bg)



n = 28

Slope = -0.01436 units per year.

Mann-Kendall statistic = -65 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

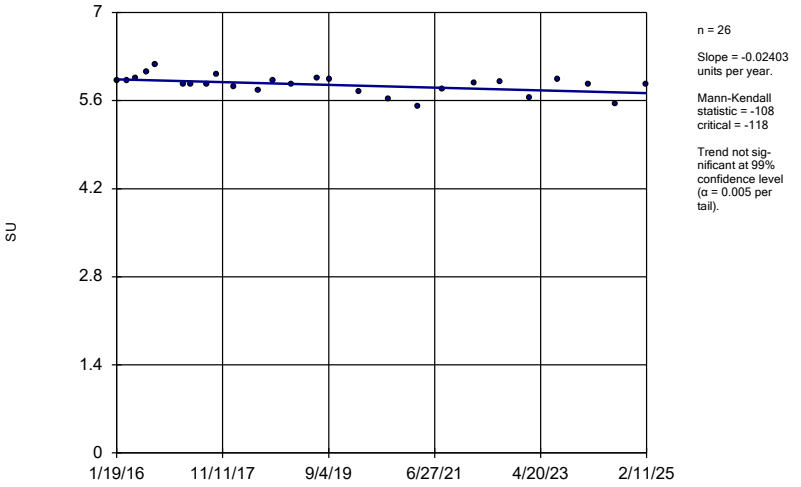
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-29 (bg)



n = 26

Slope = -0.02403 units per year.

Mann-Kendall statistic = -108 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

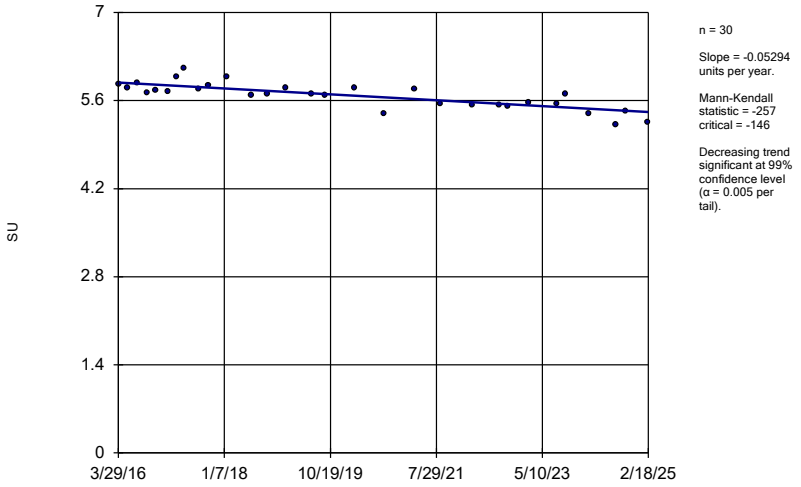
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-9



n = 30

Slope = -0.05294 units per year.

Mann-Kendall statistic = -257 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

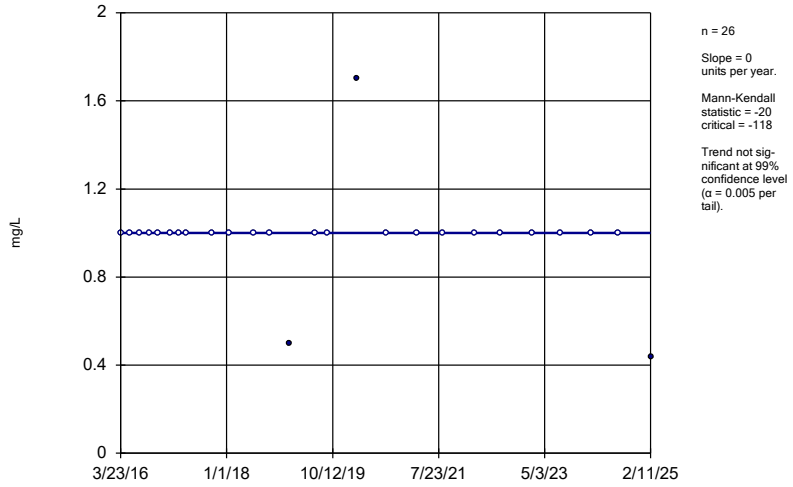
Constituent: pH, Field Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -20 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

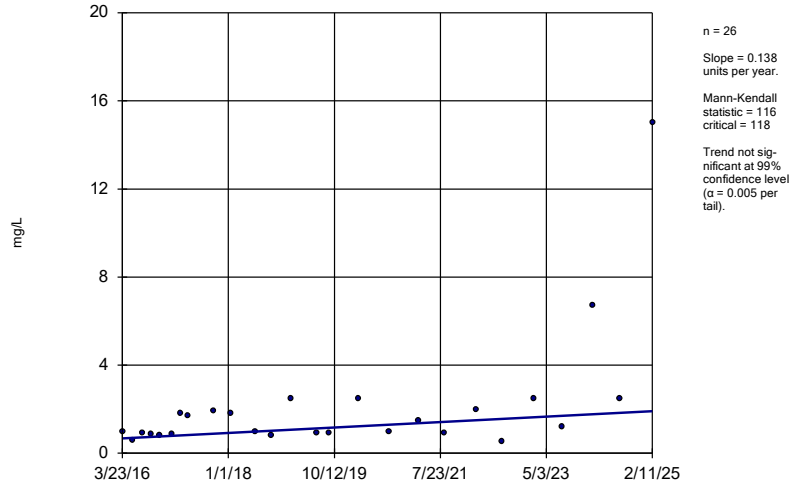
Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = 0.138 units per year.

Mann-Kendall statistic = 116 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

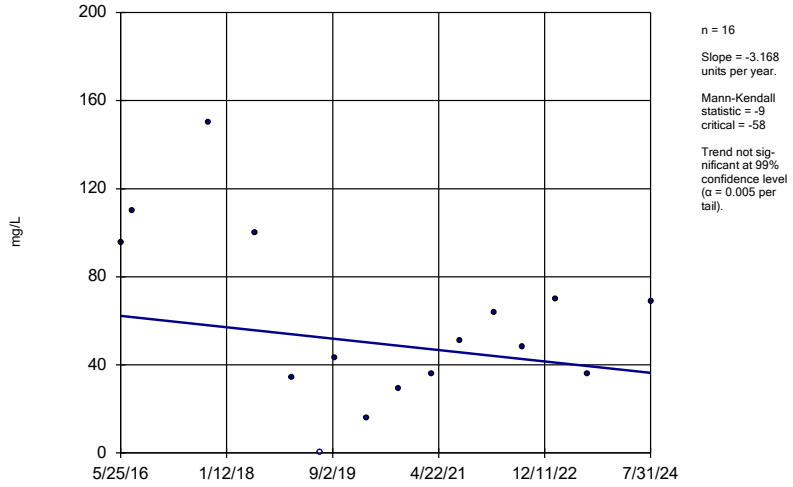
Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)



n = 16

Slope = -3.168 units per year.

Mann-Kendall statistic = -9 critical = -58

Trend not significant at 99% confidence level (α = 0.005 per tail).

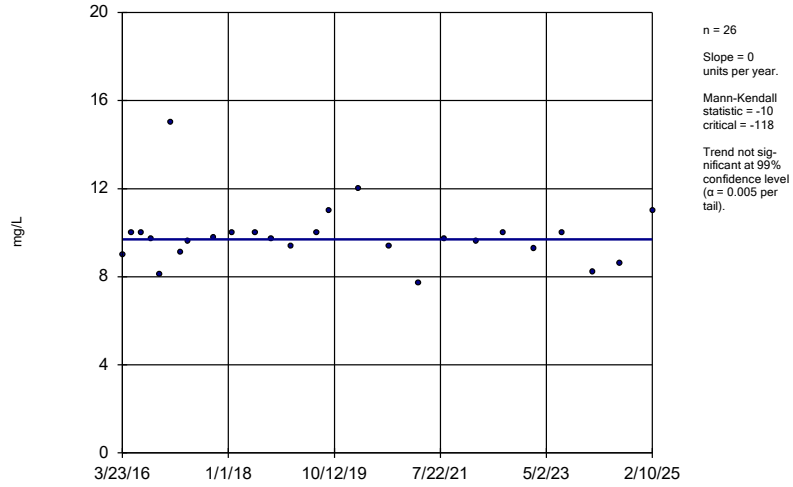
Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -10 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

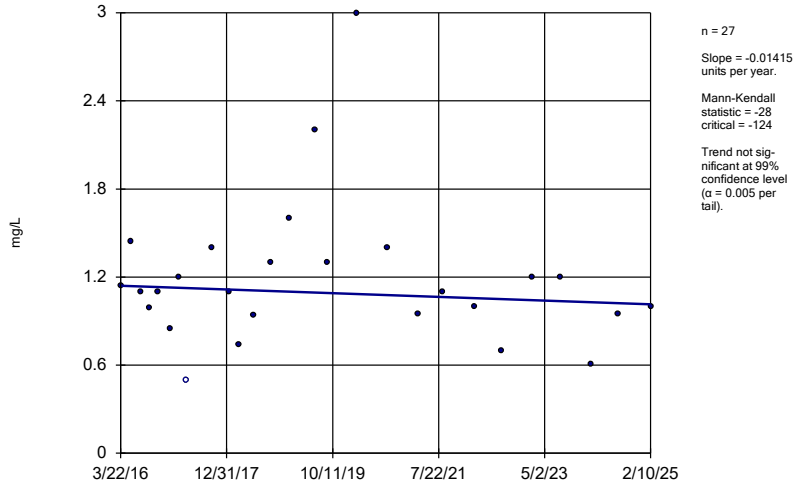
Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-28 (bg)



n = 27

Slope = -0.01415 units per year.

Mann-Kendall statistic = -28
critical = -124

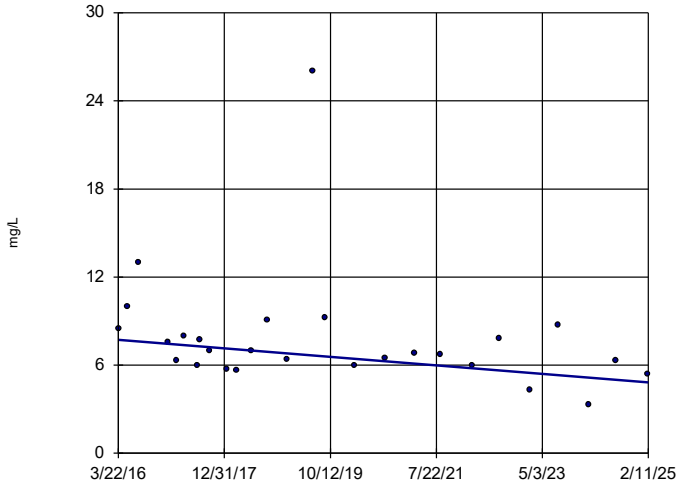
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Sen's Slope Estimator

GWA-29 (bg)



n = 27

Slope = -0.3264 units per year.

Mann-Kendall statistic = -108
critical = -124

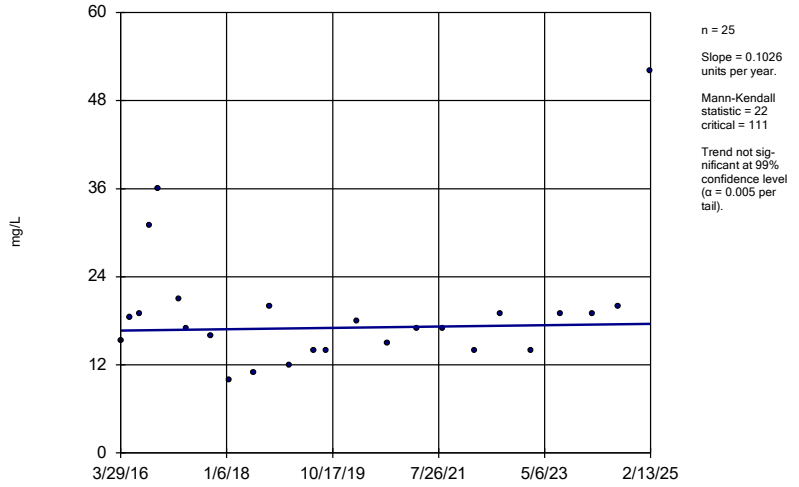
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-8



n = 25

Slope = 0.1026 units per year.

Mann-Kendall statistic = 22
critical = 111

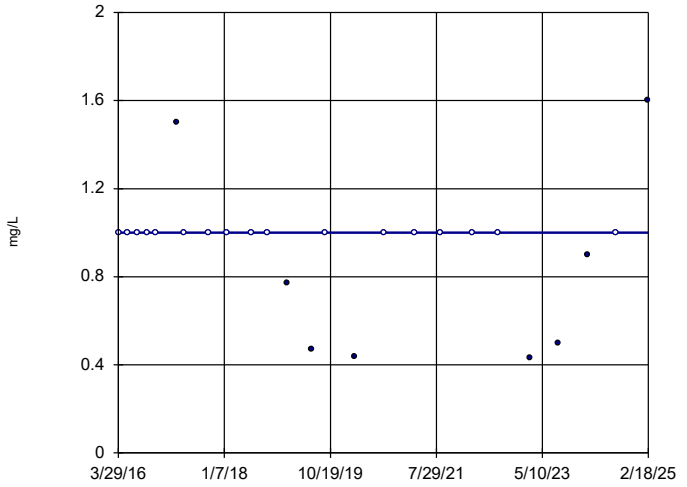
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-11



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -44
critical = -111

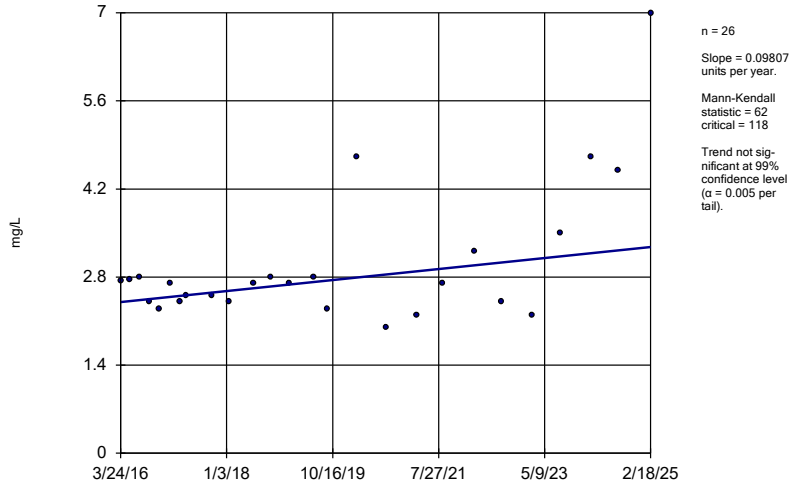
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-35



n = 26

Slope = 0.09807 units per year.

Mann-Kendall statistic = 62 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

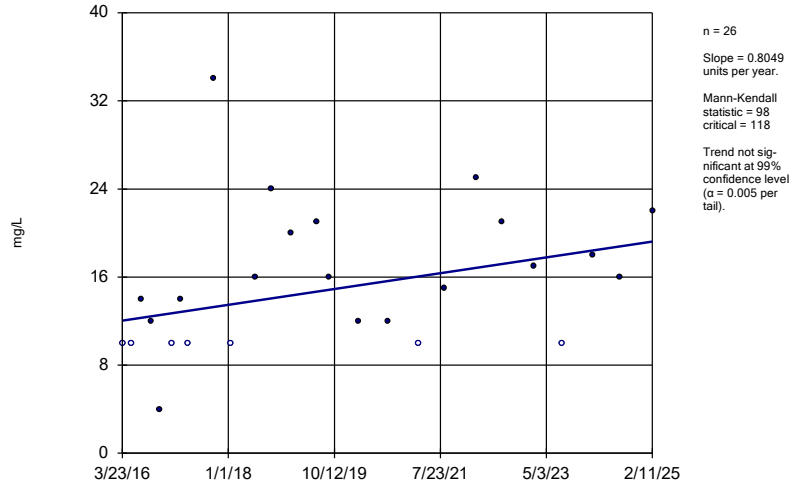
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 26

Slope = 0.8049 units per year.

Mann-Kendall statistic = 98 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

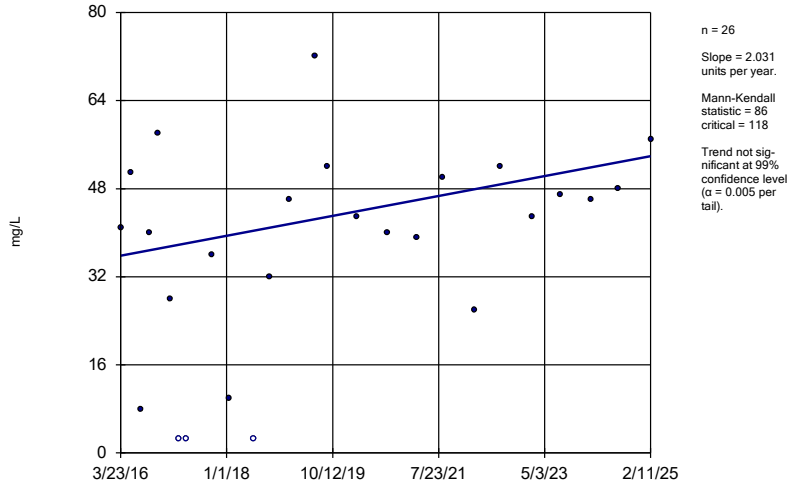
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 26

Slope = 2.031 units per year.

Mann-Kendall statistic = 86 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

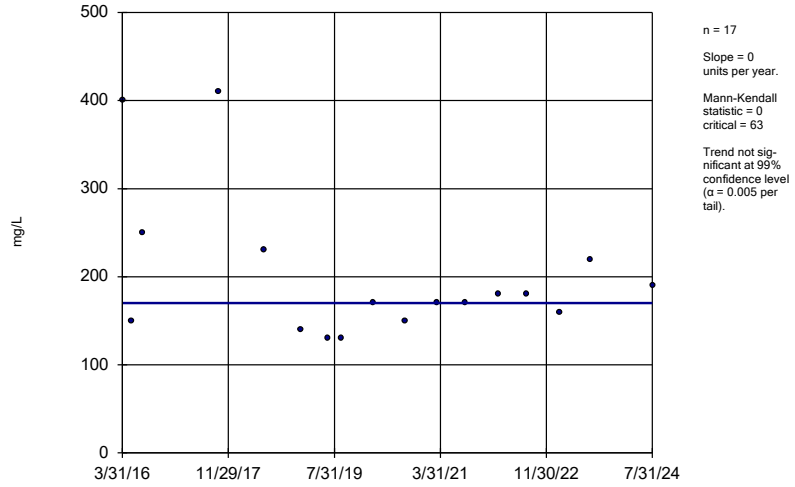
Constituent: TDS Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-3 (bg)



n = 17

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 63

Trend not significant at 99% confidence level (α = 0.005 per tail).

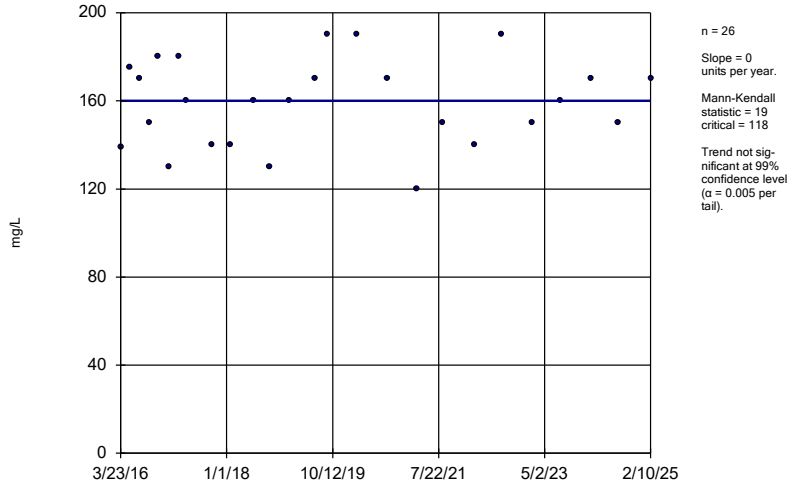
Constituent: TDS Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-4 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 19 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

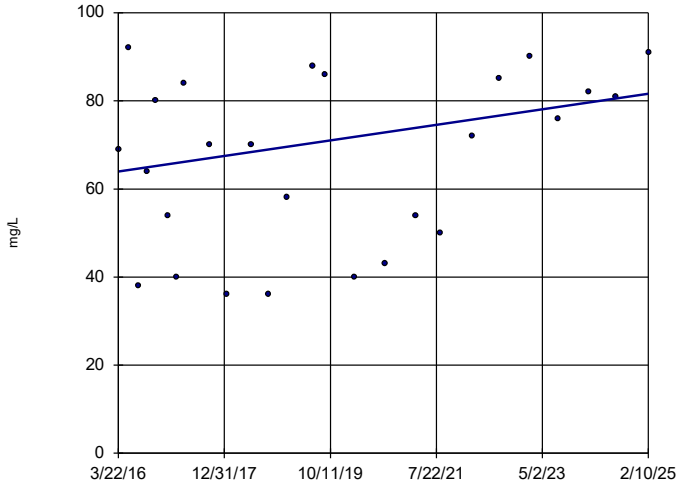
Constituent: TDS Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-28 (bg)



n = 26

Slope = 1.989 units per year.

Mann-Kendall statistic = 73 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

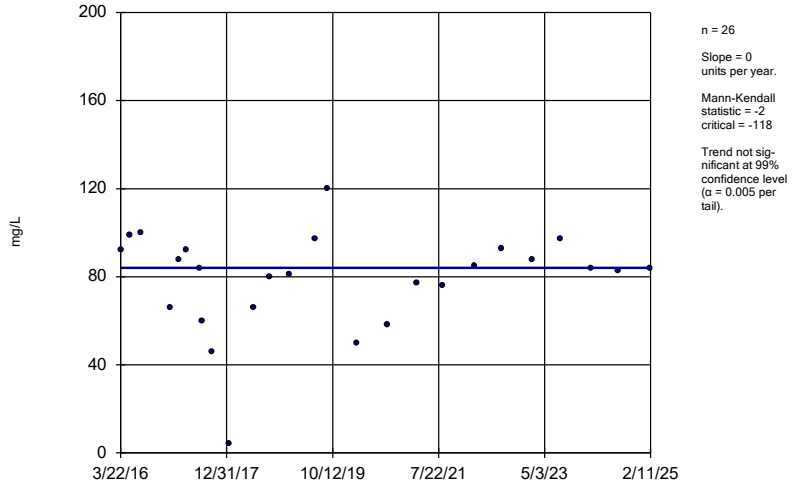
Constituent: TDS Analysis Run 7/30/2025 2:30 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-29 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -2 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 7/30/2025 2:31 PM View: Appendix III - Trend

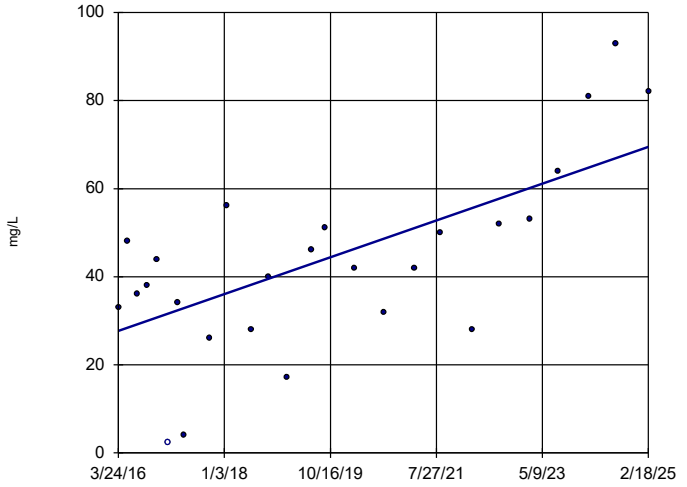
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-35



n = 26

Slope = 4.683 units per year.

Mann-Kendall statistic = 149 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 7/30/2025 2:31 PM View: Appendix III - Trend

Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE K.

Appendix I Intrawell Prediction Limits - Resample - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/5/2025, 1:06 PM

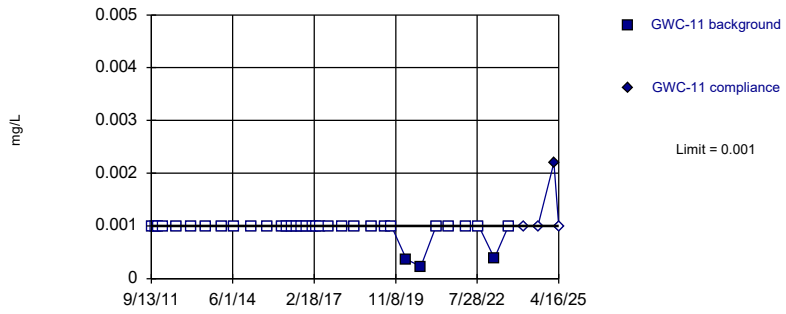
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-11	0.001	n/a	4/16/2025	0.001ND	No	34	n/a	n/a	91.18	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 91.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Lead Analysis Run 5/5/2025 1:06 PM View: Appendix I (Resample) - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 5/5/2025 1:06 PM View: Appendix I (Resample) - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
9/13/2011	<0.001	
10/28/2011	<0.001	
12/4/2011	<0.001	
2/9/2012	<0.001	
7/18/2012	<0.001	
1/8/2013	<0.001	
7/9/2013	<0.001	
1/15/2014	<0.001	
6/25/2014	<0.001	
1/21/2015	<0.001	
7/28/2015	<0.001	
1/26/2016	<0.001	
3/29/2016	<0.001	
5/25/2016	<0.001	
7/25/2016	<0.001	
9/19/2016	<0.001	
11/16/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
5/2/2017	<0.001	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/20/2018	<0.001	
1/24/2019	<0.001	
6/26/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	0.00037 (J)	
9/10/2020	0.00023 (J)	
3/17/2021	<0.001	
8/23/2021	<0.001	
3/7/2022	<0.001	
8/15/2022	<0.001	
2/21/2023	0.00039 (J)	
8/14/2023	<0.001	
2/14/2024		<0.001
8/6/2024		<0.001
2/18/2025		0.0022
4/16/2025		<0.001 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE L.

Appendix III Intrawell Prediction Limits - Resample - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 7/30/2025, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	GWC-11	6.494	5.681	4/16/2025	6.21	No	26	6.087	0.1636	0	None	No	0.0001297	Param Intra 1 of 2

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.087, Std. Dev.=0.1636, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9242, critical = 0.891. Kappa = 2.485 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 7/30/2025 2:33 PM View: Appendix III (Resample) - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 7/30/2025 2:34 PM View: Appendix III (Resample) - Intrawell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-11
1/26/2016	6.11	
3/29/2016	6.59	
5/25/2016	6.31	
7/25/2016	6.287783	
9/19/2016	6.191975	
11/16/2016	6.04	
1/31/2017	5.94	
3/23/2017	6.06	
5/2/2017	5.95	
8/7/2017	6.11	
10/4/2017	6.02	
10/13/2017	6.24	
1/24/2018	6.17	
6/20/2018	5.92	
9/27/2018	5.97	
1/24/2019	6.25	
6/26/2019	5.97	
9/16/2019	6.07	
3/16/2020	5.92	
9/10/2020	5.82	
3/17/2021	6.23	
8/23/2021	6.02	
3/7/2022	6.1	
8/15/2022	6.04	
2/21/2023	5.96	
8/14/2023	5.98	
2/14/2024		6.46
8/6/2024		5.93
2/18/2025		6.05
4/16/2025		6.21 (R)

APPENDIX D

ALTERNATE SOURCE DEMONSTRATION

Georgia Power

Plant Wansley CCR Landfill

PERMIT #: 074-005D(CCR)

Heard County

ALTERNATE SOURCE DEMONSTRATION - ADDENDUM

Atlantic Coast Consulting, Inc.

CERTIFICATION STATEMENT

I hereby certify that the information used in this alternate source demonstration for the coal combustion residuals (CCR) Unit located at Georgia Power's Plant Wansley located at 1371 Liberty Church Road, Carrollton, Georgia, and designated as the Coal Combustion By-Product Disposal Facility, is accurate pursuant to the requirements of 40 CFR §257.94(e)(2). I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).



Ryan K. Walker, P.G.
Georgia Registered Professional
Geologist No. 2378
Originator
May 1, 2025



Chad Hall, PhD, P.E.
Georgia Registered Professional
Engineer No. 40688
Reviewer
May 1, 2025

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Appendices

Appendix A – Alternate Source Demonstration – Plant Wansley CCR Landfill (2024)

Appendix B – Laboratory Analytical Results

Appendix C – Boring Logs

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) Addendum has been prepared to address statistically significant increases (SSI) identified in the groundwater monitoring network at the Georgia Power Company (GPC) – Plant Wansley CCR Landfill (the Site) following the second semiannual detection monitoring event of 2024. The SSIs were identified for Appendix III constituent boron at detection monitoring well GWC-9 and GWC-35. An ASD addressing boron at GWC-9 was previously submitted to Georgia Environmental Protection Division (EPD) in 2018 (ACC, 2018) and 2024 (ACC, 2024). The complete 2024 ASD is provided as Appendix A. This ASD Addendum has been prepared pursuant to 40 Code of Federal Regulations (CFR) 257.94(e)(2).

The Site, located in northeast Heard County and southeast Carroll County, Georgia, is comprised of three cells within an approximate 73-acre footprint (Figure 1). The landfill is permitted to operate by the Georgia EPD Solid Waste Handling Permit No. 074-005D(CCR). In preparation for CCR Landfill Expansion-Cell 4 (Georgia EPD Online System - GEOS Submittal ID: 893827), which is currently still in the permitting process, the Site has proactively removed all CCR from cells 1 and 2.

In July 2024, a semiannual detection monitoring event was conducted at the Site (ACC, January 2025) in accordance with the United States Environmental Protection Agency (USEPA) CCR rule (40 CFR 257 Subpart D; published in 80 Federal Register 21302-21501, April 17, 2015) and the Site's EPD-approved *Groundwater Monitoring Plan* (HHNT, 2022). As a result of the statistical analysis, performed by Groundwater Stats Consulting (GSC), verified SSIs for the Appendix III constituent boron were identified at detection groundwater monitoring wells GWC-9 and GWC-35 (See Figure 2 for the well locations). These two SSIs are the subject of this Addendum.

2.0 ALTERNATE SOURCE DEMONSTRATION

This ASD Addendum builds on information provided in the 2018 and 2024 ASDs. Because the CCR Unit has a high-density polyethylene (HDPE) liner and leachate collection system, it is unlikely that the CCR Unit is the direct source of groundwater impact and the boron SSIs reported at wells GWC-9 and GWC-35 are not associated with a release from the CCR unit. The following sections provide specific demonstrations to support this ASD Addendum such as a previous operational issue related to dust suppression, upgradient drilling field activities, and natural variation in groundwater quality.

2.1 Alternate Source Review for GWC-9

2.1.1 Dust Suppression

As mentioned in the 2018 and 2024 ASDs (Appendix A), during drought conditions present in 2016, the facility opted to minimize water usage from typical sources by utilizing water from the NPDES discharge pond (retention pond) for road dust suppression. This retention pond water had been treated prior to use for dust suppression; however, it may have exhibited slightly different chemical characteristics than the dust suppression water used during non-drought conditions. This may have accounted for the 2016 boron increases and subsequent decline after the drought ended, and the data supports this as the concentration of boron declined after 2017. An operational issue related to dust suppression is the likely primary source for the initial 2016 concentrations of boron found in GWC-9.

2.1.2 Natural Variation in Groundwater Quality

The low-level boron concentrations at GWC-9 have shown variability between 2016 through July 2024, with ranges from non-detect (ND) [March 2022] to 0.44 milligrams per liter (mg/L) [November 2016], as shown on Figure 3. Overall, the concentration of boron in GWC-9 has declined since the November 2016 peak value of 0.44 mg/L. GWC-9 was sampled on July 31, 2024, for the 2024 semiannual groundwater sampling event. The concentration of boron for that sampling event was 0.088 mg/L which is slightly above the site prediction limit (0.080 mg/L). A verification resample was collected for boron in September 2024, which verified the SSI concentration for GWC-9 at 0.089 mg/L. GWC-9 was sampled on February 18, 2025, for the semi-annual groundwater sampling event. The concentration of boron for that sampling event is an estimated “J” value of 0.059 mg/L, which is below the site prediction limit, as shown in Table 1, and illustrates the low-level nature of boron concentrations in GWC-9. There is no maximum contaminant level (MCL) established for boron, but concentrations of boron in GWC-9 have been well below the USEPA Regional Screening Level of 4.0 mg/L. February 2025 laboratory analytical data report J262079 is provided in Appendix B.

There is spatial variability in levels of boron in the area. For example, a review of adjacent Plant Wansley Ash Pond 1 data shows that the site background concentrations for boron at the Ash Pond is 0.10 mg/L (Georgia Power Company, 2024). This boron concentration was from monitoring well WGWA-18 during the August

2021 sampling event. This background concentration is higher than the site background concentration for boron at the Plant Wansley CCR Landfill which is 0.080 mg/L. This demonstrates that background concentrations of boron at Plant Wansley, while low-level, are spatially variable. The initial boron concentration of 0.088 mg/L for GWC-9 during the second 2024 semiannual sampling period was below the site background at Ash Pond 1 and, would not be calculated as a statistical increase at Ash Pond 1. Additionally, the GWC-9 February 2025 boron concentration of 0.059 (J) mg/L would not be a calculated SSI at Ash Pond 1 or the Landfill.

The variation in the concentration of boron in GWC-9 is attributed to fluctuations in groundwater elevations. As shown in Figure 4, boron concentrations in GWC-9 show an inverse correlation when compared to minor changes in groundwater elevations. As the sampled groundwater elevations decrease, the concentration of boron increases and vice versa. This correlation may be indicative of an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9 (Appendix C), as discussed in the following section. Additionally, as shown in Figure 4, the concentration of boron increases when the sampled groundwater elevation at GWC-9 is below 704.5 feet Mean Sea Level. Boron's natural occurrence in soils is also supported by the fact that CCR leachate indicator parameters chloride and sulfate have not been detected at SSI concentrations which further indicates that GWC-9 is not being impacted by the CCR unit.

2.1.3 Geochemical Characterization

A Piper diagram (Figure 5) was created from the groundwater data collected during the February 2024 semiannual sampling event. Displayed on the figure is a highlighted section in which typical CCR leachate would plot on the diagram based upon fine ash leaching research (Zielke-Olivier and Vermeulen, 2019). Figure 5 shows that the water types displayed by the upgradient groundwater wells and downgradient groundwater well GWC-9 data are generally similar and are not indicative of CCR source water. As demonstrated in the figure, the data for GWC-9 is similar to the data for upgradient well GWA-2. In general, the data for GWC-9 plots in similar areas of the diagram as the rest of the upgradient monitoring wells at the Site and in a different area than typical coal ash leachate.

GWC-14 was included in Figure 5 for comparison purposes. A boron SSI was also confirmed in GWC-14 during the February 2024 reporting period. However, the boron SSI in GWC-14 has been addressed by an August 2022 ASD Addendum, which has been approved by Geogia EPD. The cause of the SSIs for GWC-14 has been attributed to a one-time occurrence of an aboveground expansion joint failure that was directly upgradient of GWC-14 and not a release from the CCR unit. This incident has impacted GWC-14 with leachate that was being transferred from the return water pond through the return water dual wall pipes to the plant used for operational purposes. If GWC-9 is being impacted from leachate from the landfill, GWC-9 and GWC-14 would exhibit similar geochemical signatures. However, as displayed in Figure 5, GWC-9 does not plot near GWC-14 and instead plots similarly to background wells at the Site. The geochemical plot of water type displayed for GWC-14 is closer to the typical coal ash

leachate area of the diagram. Because GWC-9 plots in a different area than GWC-14, it suggests that GWC-9 is not being impacted by the CCR Unit.

Stiff diagrams in Figure 6 generally support the data derived from the Piper plots in Figure 5, showing water types not indicative of CCR leachate. Bicarbonate ions are similar in upgradient well GWA-2 and downgradient well GWC-9, suggesting similar natural groundwater type in both upgradient and downgradient wells. Additionally, as with Figure 5, GWC-14 has been included in Figure 6 for comparison purposes. The stiff diagrams for GWC-9 and GWC-14 do not display similarities which further suggests that GWC-9 is not being impacted by the CCR Unit.

The United States Geological Survey (USGS) National Geochemical Database (NGDB) shows that the USGS took several hard rock samples at locations around Plant Wansley in 1967, which predates CCR placement at the Wansley Landfill. USGS sample locations AEW095, AEW096, AEW087, and AEW088 each contained boron at concentrations of 50, 20, 50, and 10 parts per million (ppm) by weight, respectively. Of those locations, AEW095 and AEW096 are located nearest Wansley Landfill, as shown in Figure 7, and are within, or near, the same geological layer (granitic gneiss) as GWC-9. Uppin and Karro (2013) state that one factor controlling the groundwater chemistry is the lithological composition of water-bearing rocks and that the presence of boron bearing minerals in the host rock and their interaction with water are considered to be the main cause of boron enrichment in groundwater. Under wetter conditions, the groundwater elevation rises which will raise the weathering profile. During times of drier weather, the groundwater elevation will fall. Above the water table, gases (such as oxygen) have greater access to the regolith in the form of intergranular space and conditions are typically more oxidizing (McQueen & Scott, 2008). Water moving through these areas will transport the dissolved and suspended components (such as boron) and lead to strong leaching with further intergranular space formation. The variation in the concentrations of boron at GWC-9 may be influenced by the leachability of boron-containing bedrock and fluctuations in groundwater elevation. As stated in the previous section, as groundwater elevations decrease, the concentration of boron increases, and vice versa. This correlation may be indicative of an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9.

The dataset observed for GWC-9 is consistent with a one-time, transient event resulting from an operational issue related to dust suppression and ongoing naturally occurring interactions between a geological layer and lower groundwater elevation. As stated in the introduction, all CCR has been removed from Cells 1 & 2. Additionally, the concentration of boron during the February 2025 sampling event is not an SSI.

2.2 Alternate Source Review for GWC-35

2.2.1. Natural Variation in Groundwater Quality

Boron was first detected in GWC-35 in the 2023 groundwater sampling events as estimated “J” values of 0.024 mg/L (February 2023) and 0.028 mg/L (August 2023) at concentrations above the laboratory method detection limit but below the reporting

limit. GWC-35 was sampled on August 5, 2024, for the 2024 annual groundwater sampling event. The concentration of boron for that sampling event was 0.093 mg/L which is slightly above the site prediction limit (0.080 mg/L). A verification resample was collected for boron in September 2024, which verified the SSI concentrations for GWC-35 at 0.094 mg/L. GWC-35 was sampled on February 18, 2025, for the semi-annual groundwater sampling event, and boron was observed at a concentration of 0.10 mg/L, consistent with the previously observed concentration in August 2024 and still only slightly above the site prediction limit. This indicates that the concentration of boron in GWC-35 may be peaking. There is no MCL established for boron, but concentrations of boron in GWC-35 have been well below the USEPA Regional Screening Level of 4.0 mg/L.

As discussed in Section 2.1.2, boron concentrations at Plant Wansley are spatially variable. Site background concentrations for boron at Ash Pond 1 are slightly greater than the Landfill, and the boron concentration of 0.093 mg/L for GWC-35 during the second 2024 semiannual sampling period was below the site background at Ash Pond 1 and the February 2025 boron concentration of 0.10 mg/L equals site background at Ash Pond 1. Neither concentration would be calculated as a statistical increase at Ash Pond 1.

2.2.2. Geotechnical Drilling

A review of Wansley Landfill's Site Acceptability Report (Geosyntec, 2023) shows that two geotechnical borings were drilled hydraulically upgradient of GWC-35 (GS-106 and GS-107), as shown in Figure 8. Additionally, Cross Section B-B' (Figure 9) shows the groundwater elevation at GS-107 at a higher groundwater elevation which descends to GWC-35 and confirms that the boring is hydraulically upgradient of GWC-35. As stated in Section 2.1.3, site-specific data confirms that geological layers at the Site contain naturally occurring boron. As shown in Figure 7, the geological layer that was sampled by the USGS in 1967 contains boron (granitic gneiss) is also found at GS-106, GS-107, and GWC-35. The geotechnical borings were drilled into bedrock (granitic gneiss), as shown in their boring logs (Appendix C). Naturally occurring boron, as well as other compounds, present within the crystalline structure of granitic gneiss can become mobilized when disturbed during drilling activities. The physical action of drilling fractures and pulverizes mineral matrices increasing the surface area exposed to groundwater which was previously shielded from weathering agents. Mechanical disruption facilitates temporary chemical interactions, allowing boron-containing minerals to more readily dissolve or leach into the groundwater. Studies have shown that boron can be leached from bedrock by dissolution through contact time and mixing rate (Tabelin et al., 2014). Consequently, boron concentrations in groundwater may be temporarily elevated compared to undisturbed baseline conditions. Typically, these concentrations will stabilize or decrease once the disturbed material re-equilibrates, and groundwater chemistry returns to steady-state conditions, which seems to be indicated by the current trend.

A study conducted by the EPA noted that increases in sulfate could occur through the gypsum content in bentonite and increases in chloride could occur from use of a public

water supply. For example, in 2023, the Heard County Water Authority (WSID#1490000) released a water quality report (HCWA, 2023) which showed that an average concentration of 1.58 mg/L of chlorine was detected in Heard County, Georgia public drinking water. Chlorine is added to public water for use as a disinfectant. Chlorine is extremely reactive and converts to chloride, as well as other compounds, when it reacts with other elements. Hence, chloride could increase if public water supply is used for mixing drilling fluids/grout. Both chloride and sulfate have increased in concentrations at GWC-35 since February 2023. However, both parameters are still low-level detections that are at similar concentrations to background monitoring well concentrations.

The calculated groundwater flow velocity for the Site during the July 2024 groundwater sampling event was approximately 0.48 feet per day. The distance between geotechnical boring GS-107 and GWC-35 is approximately 285 feet. Dividing the distance between GS-107 and GWC-35 (285 feet) by the average groundwater flow velocity for the Site (0.48 feet per day) gives a value of approximately 593 days which is the length of time for groundwater to flow from upgradient geotechnical boring GS-107 to downgradient groundwater monitoring well GWC-35. GS-107 was drilled in February 10, 2022. 593 days from February 10, 2022, would be September 26, 2023.

Boron was first observed at low concentrations in February 2023 and first exceeded the prediction limit in GWC-35 in August 2024. The timing of these detections is consistent with the estimated groundwater flow rate and travel times between the geotechnical borings and GWC-35. Groundwater flow is not uniform and factors like soil adsorption, dilution, irregularly spaced fractures, and variable soil consistency may alter travel times. Based on the groundwater flow velocity aligning closely with the expected arrival time from GS-107 to GWC-35 and given that boron concentrations at GWC-35 appear to be approaching a peak—indicative of a transient rather than ongoing condition—it is likely that elevated boron levels observed at this location result from naturally occurring boron in the subsurface. Specifically, the temporary increase in boron concentrations can be attributed to subsurface disturbance caused by drilling activities.

2.2.3. Geochemical Characterization

As stated in section 2.1.3 a boron SSI was also confirmed in GWC-14 during the February 2024 reporting period which has been attributed to an aboveground expansion joint failure and has been addressed by an EPD approved ASD. This incident has impacted GWC-14 with leachate that was being transferred from the return water pond through the return water dual wall pipes to the plant for operational purposes. If GWC-35 is being impacted from leachate from the landfill you would expect to see similarities in parameter concentrations between GWC-14 and GWC-35. However, as displayed in Table 2, Appendix III data for GWC-35 is closer in concentration magnitude to upgradient monitoring wells than to GWC-14. The detected concentrations for calcium, chloride, sulfate, total dissolved solids, and barium are orders of magnitude greater in GWC-14 than GWC-35. This suggests that GWC-35 is not being impacted by the CCR Unit. Additionally, leachate indicator parameters chloride and sulfate have

increased concentrations in recent events, however, these parameters are not calculated SSI concentrations which further indicates that GWC-35 is not being impacted by the CCR unit.

A preliminary review of the February 2025 semi-annual groundwater sample event data (included as Appendix B) indicates that indicator parameters are starting to level off or have already started to decrease. As depicted on Figure 10, total dissolved solids exhibited concentration increases after May 2023. However, TDS decreased from August 2024 to February 2025. TDS is the measure of the mass of solid material dissolved in a given volume of water. TDS can be comprised of cations (calcium, magnesium, potassium, sodium, etc.) and anions (chlorides, sulfates, etc.). This illustrates that the concentrations are likely peaking, or have peaked already, and are expected to decrease in upcoming sampling events. The dataset observed for GWC-35 is consistent with a one-time, transient event resulting from upgradient drilling activities.

2.2.4. Laboratory Calibration Issue

Following the February 2025 groundwater sample event, a batch data quality review was requested from Eurofins Environmental Testing Savannah (EET-SAV) for laboratory report J262079 for potential issues of lab contamination or high bias. The laboratory quality review request was based off of a method blank from this report, which showed a detectable concentration between the reporting limit (RL) and the method detection limit (MDL) for boron. Additionally, there were detectable concentrations of boron reported in 14 of the 17 samples in the laboratory report, which was unexpected based on historical data.

During the laboratory data quality review, EET-SAV determined that based upon the detection of boron in the method blank, all samples in laboratory report J262079 would be reanalyzed for boron with a new calibration in their inductive coupled plasma mass spectrometry instrument for analysis. The reanalysis results show that the detectable concentrations of boron were reduced to 6 of the 17 samples and that the actual concentration of boron decreased in 5 of 6 of those samples including the concentration of boron in GWC-35. While the current concentration of boron in GWC-35 is still above the prediction limit of 0.080 mg/L it demonstrates that boron results were biased high by the laboratory (before reanalysis). Laboratory calibration may be contributing to the increased boron concentration in GWC-35 during the February 2025 groundwater sampling event, supporting an error in sampling could be an alternate source in accordance with 40 CFR 257.94(e)(2). The revised laboratory report J262079 is included in Appendix B.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The Plant Wansley Landfill's second semiannual detection monitoring event of 2024 identified verified SSIs for boron in GWC-9 and GWC-35. This ASD Addendum demonstrates that the original SSIs of boron at GWC-9 and GWC-35 are attributed to a previous operational issue related to dust suppression (GWC-9) and drilling activities that occurred directly upgradient of monitoring well GWC-35. Because the CCR Unit has a HDPE liner and leachate collection system, it is unlikely that the CCR Unit is the direct source of groundwater impact at GWC-9 or GWC-35. Ongoing concentrations of boron are attributed to natural variation in groundwater quality due to the lithological composition of water-bearing rocks at the Site that contain boron bearing minerals and their interaction with groundwater.

Lines of evidence that support this ASD conclusion include:

- Boron concentrations at GWC-9 have shown variability between 2016 to February 2024, with ranges from ND to 0.44 mg/L. Overall, the concentration of boron in GWC-9 has declined since November 2016, temporary peak value of 0.44 mg/L, which was attributed to a previous operation issue related to dust suppression water. The most recent boron concentration data from GWC-9 (February 2025) was lower than the site prediction limit and will not be calculated as an SSI for the 2025 semiannual groundwater sampling event.
- CCR has been completely removed from Cells 1 & 2 at the Landfill.
- Site groundwater geochemistry demonstrates similarity of water quality between GWC-9 and background conditions of upgradient wells, specifically GWA-2. Additionally, leachate indicator parameters chloride and sulfate have not been detected at SSI concentrations which further indicates that GWC-9 is not being impacted by the CCR unit.
- Groundwater elevations of GWC-9 show an inverse correlation with boron concentrations, in which lower groundwater elevations may result in slightly higher concentrations of boron. This inverse correlation explains fluctuations in boron concentrations that are attributed to naturally derived sources from parent rock, as evidenced in the comparison of background concentrations of boron at the Ash Pond (0.10 mg/L) and Plant Wansley CCR Landfill (0.080 mg/L). The lithological composition of rocks at the Site contains boron, as shown in Figure 7. The leachability of boron in hard rock increases with longer contact times. The inverse relationship between groundwater elevation and the concentration of boron indicates an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9. The variation in the concentrations of boron at GWC-9 may be influenced by the leachability of boron containing bedrock and fluctuations in groundwater elevation.
- During Site Acceptability field activities at Wansley Landfill, two geotechnical borings were installed directly upgradient of GWC-35. Both borings penetrated the granitic gneiss layer, a geological formation known to contain naturally occurring boron. Disturbance of this formation by drilling likely mobilized

naturally occurring boron, temporarily elevating boron concentrations in groundwater at GWC-35.

- The calculated average groundwater flow velocity from the July 2024 sampling event corresponds to the timeline of when the geotechnical borings were drilled to when boron is first detected in GWC-35.
- Laboratory high biased results were identified as an issue in laboratory report J262079. Boron was identified in the method blank as well as in 14 of the 17 samples, which was unexpected based on historical data. After reanalysis, boron was only detected in 6 of the 17 samples, and the actual concentration of boron deceased in 5 of 6 of those samples, including in GWC-35. Laboratory high biased results could be a contributing factor for the increased boron concentration in GWC-35 during the February 2025 groundwater sampling event

This ASD Addendum has been prepared pursuant to 40 CFR 257.94(e)(2). Based on the information presented in this ASD, groundwater monitoring at Plant Wansley Landfill will remain in detection monitoring. Detection monitoring results will continue to be presented in the Semiannual and Annual Groundwater Monitoring and Corrective Action Reports.

4.0 REFERENCES

Atlantic Coast Consulting, Inc. (ACC). 2018 Alternate Source Demonstration. Plant Wansley CCR Landfill, April 2018.

Atlantic Coast Consulting, Inc. (ACC). 2023 Annual Groundwater Monitoring and Corrective Action Report. Plant Wansley CCR Landfill, January 2024.

Atlantic Coast Consulting, Inc. (ACC). 2024 Alternate Source Demonstration. Plant Wansley CCR Landfill, April 2024.

Atlantic Coast Consulting, Inc. (ACC). 2024 Annual Groundwater Monitoring and Corrective Action Report. Plant Wansley CCR Landfill, January 2025.

Georgia Power Company. 2023 Annual Groundwater Monitoring and Corrective Action Report. Plant Wansley Ash Pond 1 (AP-1), January 2024.

Geosyntec. 2023. Site Acceptability Report for Proposed CCR Landfill Expansion. Plant Wansley. February 2023.

Goldberg, S., Forster, H.S., and Heick, E.L., 1993. Boron Adsorption Mechanisms of Oxides, Clay Minerals, and Soils Inferred from Ionic Strength Effects. Soil Science Society of America Journal. Vol. 57. Pages 704-708. May-June 1993.

Heard County Water Authority (HCWA), 2023. 2023 Water Quality Report. WSID #1490000.

Hodges, Harbin, Newberry, & Tribble, Inc. (HHNT). Groundwater Monitoring Plan, Plant Wansley – Coal Combustion Residuals (CCR) Landfill, Heard County, Georgia, October 2022.

Jennings, K. V. B., 1986. Effects of Grouts, Sealants, and Drilling Fluids of the Quality of Ground-Water Samples. United States Environmental Protection Agency.

McQueen, K.G., and Scott, K. M. 2008. Rock Weathering and Structure of the Regolith. Regolith Science, Pages 105-126.

Tabelin, C. B., Hashimoto, A., Igarashi, T., and Yoneda, T. 2014. Leaching of Boron, Arsenic and Selenium from Sedimentary Rocks: II. pH dependance, speciation and Mechanisms of Release. Science of The Total Environment. V. 473-474. Pages 244-253. March 1, 2014.

United States Environmental Protection Agency (US EPA), 2009. Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. USEPA 350/R-09/007 Office of Solid Waste Management Division, U.S. Environmental Protection Agency, Washington, D. C. March 2009.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW087, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW088, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW095, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW096, Dated December 5, 1967.

Uppin, M. and Karro, E, 2013. Determination of Boron and Fluoride Sources in Groundwater: Batch Dissolution of Carbonate Rocks in Water. Geochemical Journal. Vol. 47. Pages 525 – 535. Dated July 14, 2013.

Zielke-Olivier, J. and Vermeulen, D., 2019 A Geochemical Weathering Profile of a Fine Ash Tailings Dam and its Impact on the Underlying Aquifers. Journal of Environmental Management, Vol. 242. Pages 162 – 170. Dated July 15, 2019.

TABLES

Table 1
Boron Results Summary
Plant Wansley CCR Landfill

			Sample Location	GWC-9	GWC-9	GWC-9	GWC-35	GWC-35	GWC-35
			Sample Date	07/31/2024	09/30/2024	2/18/2025	08/05/2024	9/30/2024	2/18/2025
ANALYTE	Interwell Prediction Limit	Regional Screeneing Level	UNITS						
Boron	0.080	4.0	mg/L	0.088	0.089	0.059 J	0.093	0.094	0.10

Notes:
mg/L - milligrams per liter
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.

Table 2
Groundwater Analytical Data Summary
Plant Wansley CCR Landfill

Atlantic Coast Consulting, Inc.

Sample Location		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-9	GWC-9	GWC-9	GWC-14	GWC-35	GWC-35	GWC-35
Sample Date		07/30/2024	07/30/2024	07/31/2024	07/29/2024	07/29/2024	07/30/2024	07/31/2024	09/30/2024	2/18/2025	08/06/2024	08/05/2024	08/05/2024	2/18/2025
ANALYTE	UNITS													
Appendix III														
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.088	0.089	0.059 J	1.3	0.093	0.094	0.10
Calcium	mg/L	0.89	3.5	24	30	3.7	4.7	9.5	NA	8.7	36	7.2	NA	7.7
Chloride	mg/L	2.2	5.1	16	11	1.4	1.3	6.1	NA	7.1	130	22	NA	25
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	0.059 J	1.4	1.9	< 0.040	NA	<0.040	< 0.40	< 0.040	NA	<0.080
pH, Field	SU	5.47	4.88	6.07	6.04	5.88	5.55	5.22	5.43	5.26	5.24	5.25	5.66	5.44
Sulfate	mg/L	< 0.40	2.5	69	8.6	0.95 J	6.3	17	NA	14	9.3 J	4.5	NA	7.0
Total Dissolved Solids	mg/L	16	48	190	150	81	83	92	NA	75	360	93	NA	82
Required by Permit														
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.00090 J	NA	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086
Barium	mg/L	0.011	0.014	0.066	0.15	< 0.00089	< 0.00089	0.11	NA	0.070	0.23	0.063	NA	0.065
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	0.00052 J	0.0020 J	0.00041 J	NA	0.00048 J	0.00056 J	< 0.00020	NA	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	0.00011 J	< 0.000078	< 0.000078	< 0.000078	0.00032 J	NA	0.000078	0.00037 J	< 0.000078	NA	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0015 J	NA	0.0017 J	< 0.0012	< 0.0012	NA	< 0.0012
Cobalt	mg/L	0.00030 J	< 0.00022	0.00031 J	0.0034	< 0.00022	< 0.00022	0.072	NA	0.022	0.060	0.00062 J	NA	0.00054 J
Copper	mg/L	< 0.0011	< 0.0011	0.0025	< 0.0011	< 0.0011	0.0030	0.0066	NA	0.0015 J	< 0.0011	< 0.0011	NA	< 0.0011
Lead	mg/L	0.00021 J	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA	<0.00021	< 0.00021	< 0.00021	NA	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	<0.000080	< 0.000080	< 0.000080	NA	< 0.000080
Nickel	mg/L	0.00074 J	0.00056 J	0.0018	0.0015	< 0.00042	0.00059 J	0.040	NA	0.011	0.015	0.0030	NA	0.0026
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	<0.00099	0.0018 J	< 0.00099	NA	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	0.00090 J	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	0.00046 J	NA	< 0.00026	0.00047 J	< 0.00026	NA	< 0.00026
Vanadium	mg/L	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.0012 J	NA	0.0020	< 0.00063	< 0.00063	NA	0.0021
Zinc	mg/L	0.0036 J	< 0.0028	0.010	< 0.0028	0.010	0.019	0.037	NA	0.016	0.015	0.0031 J	NA	0.0032 J

Notes:
mg/L - milligrams per liter
SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the MDL, but below the laboratory reporting limit.
Parameters required by permit are Appendix I parameters included to meet Georgia EPD Rule 391-3-4-.14 requirements.

FIGURES

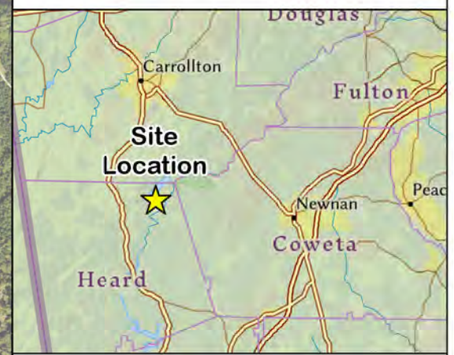


Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL/CELL BOUNDARY



NOTES

1. AERIAL DATED JANUARY, 2025, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED OCTOBER 3, 2023.

N

700 350 0 700

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

ALTERNATE SOURCE DEMONSTRATION

SITE MAP

FIGURE 1

Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE LANDFILL/CELL BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- SURFACE WATER MONITORING POINT

NOTES

1. AERIAL DATED JANUARY, 2025, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED OCTOBER 3, 2023.
2. SURFACE WATER MONITORING POINTS SWC-2, SWC-3, SWC-4, SWC-5, SWC-8, AND SWC-9 ARE UNDERDRAIN SAMPLING LOCATIONS.

N

450 225 0 450

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

ALTERNATE SOURCE DEMONSTRATION

WELL LOCATION MAP

FIGURE 2

Figure 3
Boron Time Series Plot for GWC-9

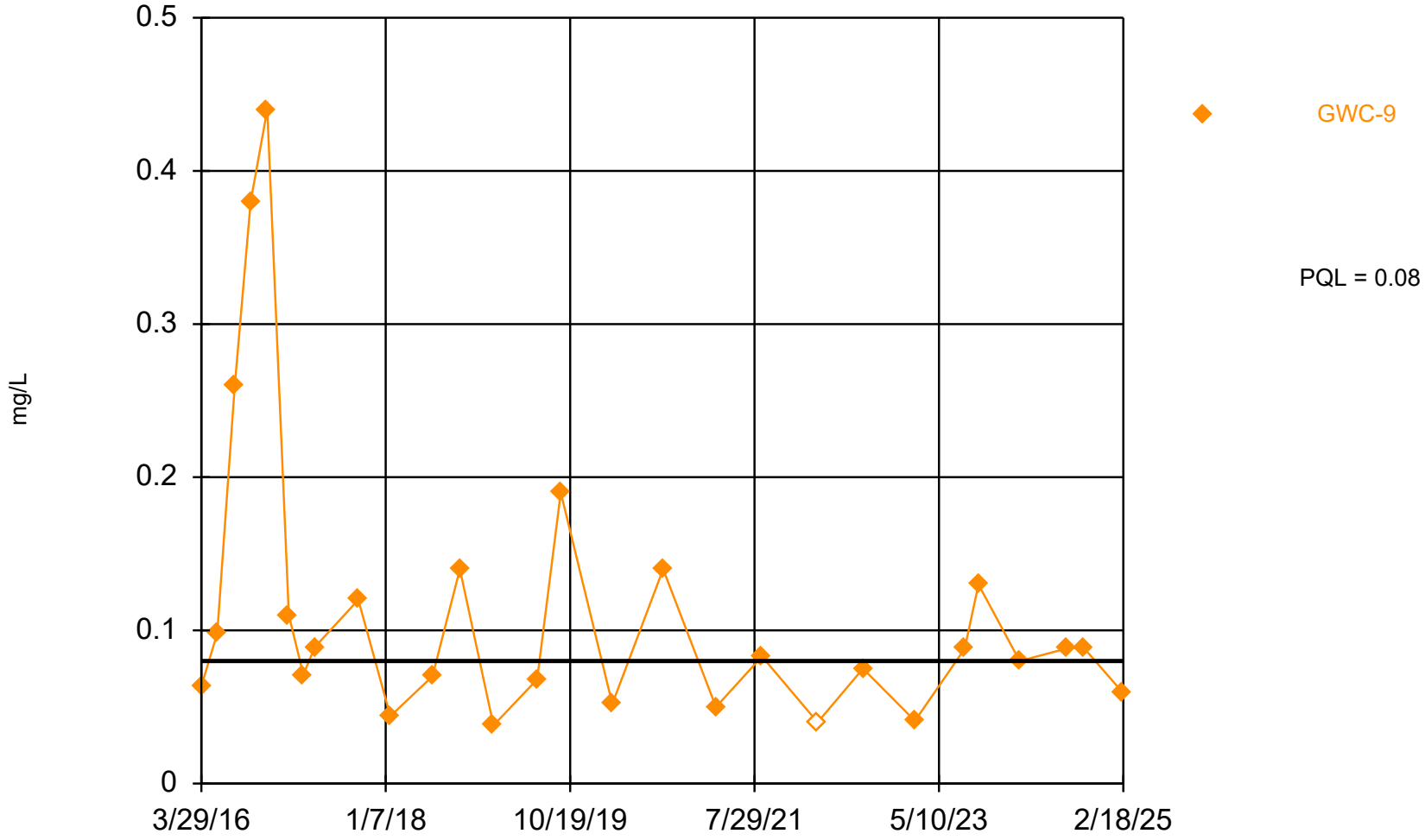


Figure 4
Boron vs Groundwater Elevation (When Sampled)
Time Series Plot for GWC-9



Figure 5
Piper Diagram

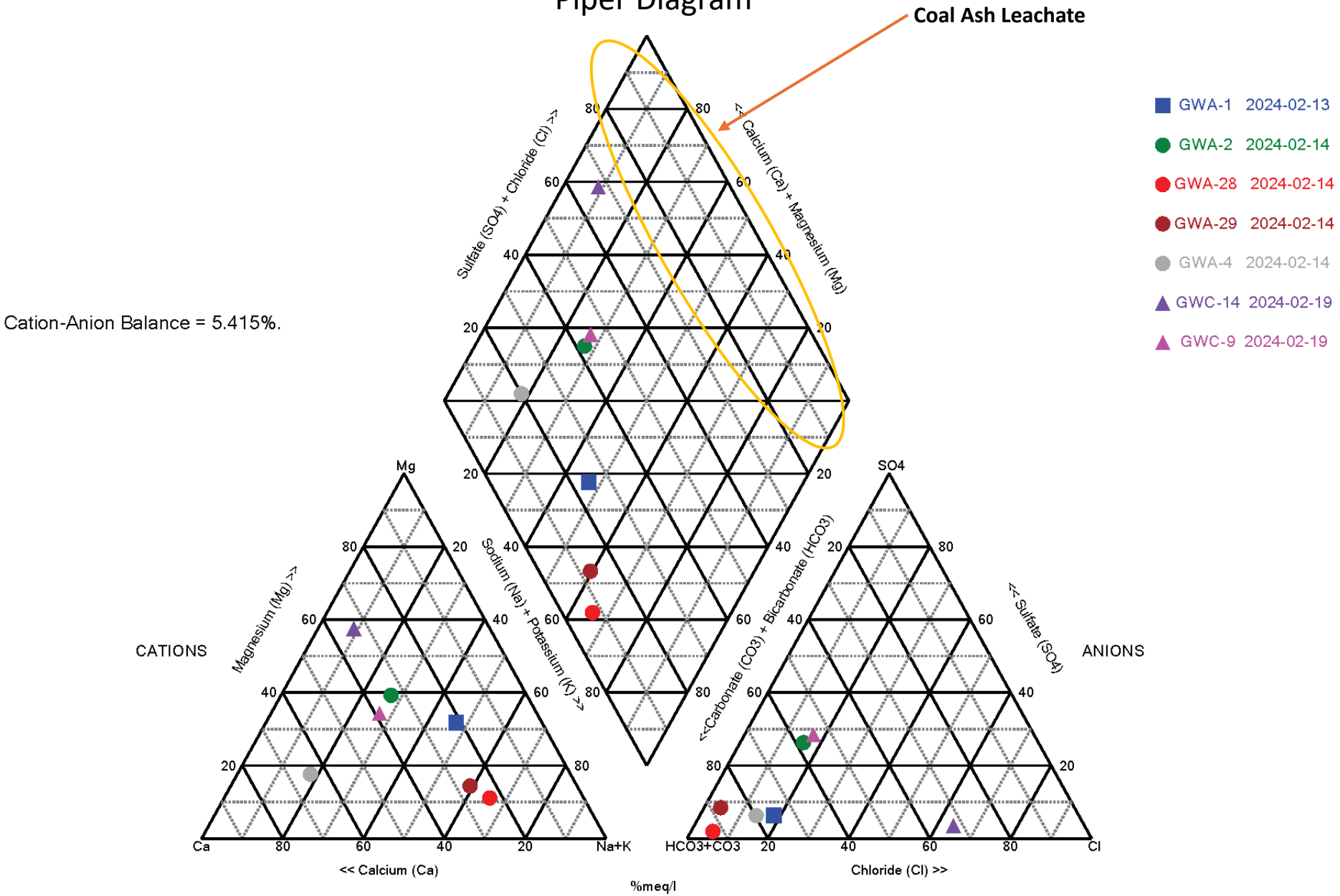
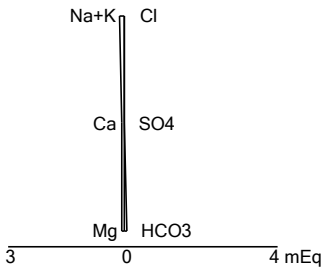
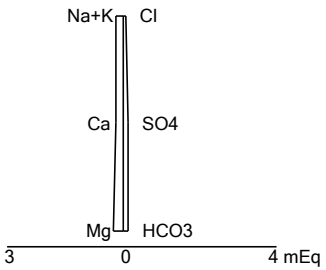


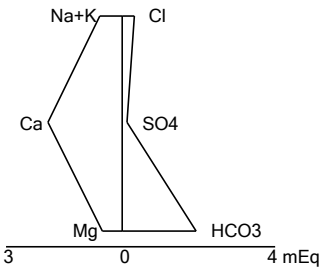
Figure 6
Stiff Diagram



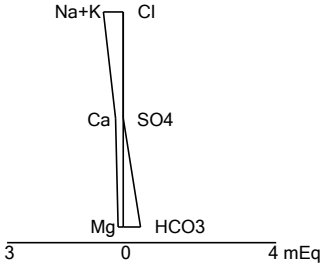
GWA-1* 2024-02-13



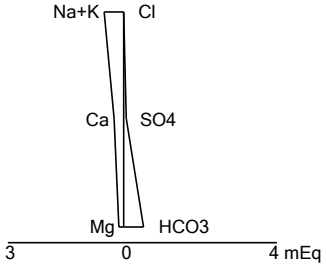
GWA-2* 2024-02-14



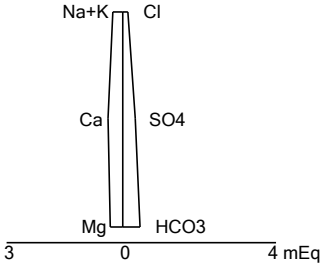
GWA-4* 2024-02-14



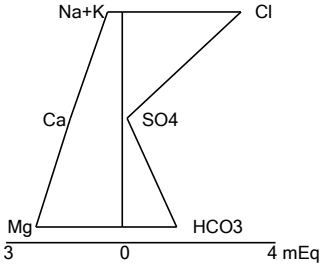
GWA-28* 2024-02-14



GWA-29* 2024-02-14



GWC-9 2024-02-19



GWC-14 2024-02-19



Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- GEOTECHNICAL BORING
- USGS NGDB ROCK SAMPLE LOCATION
- gg1
- mm2
- pg2
- pms3
- pms4

NOTES

1. USGS NGDB ROCK SAMPLE DATA SOURCED FROM USGS'S ONLINE SPATIAL DATA "NATIONAL GEOCHEMICAL DATABASE."
2. GEOLOGIC LAYER SOURCED FROM LAWTON, D.E., AND OTHERS, 1976, GEOLOGIC MAP OF GEORGIA: GEORGIA GEOLOGICAL SURVEY, SCALE = 1:500,000.

N

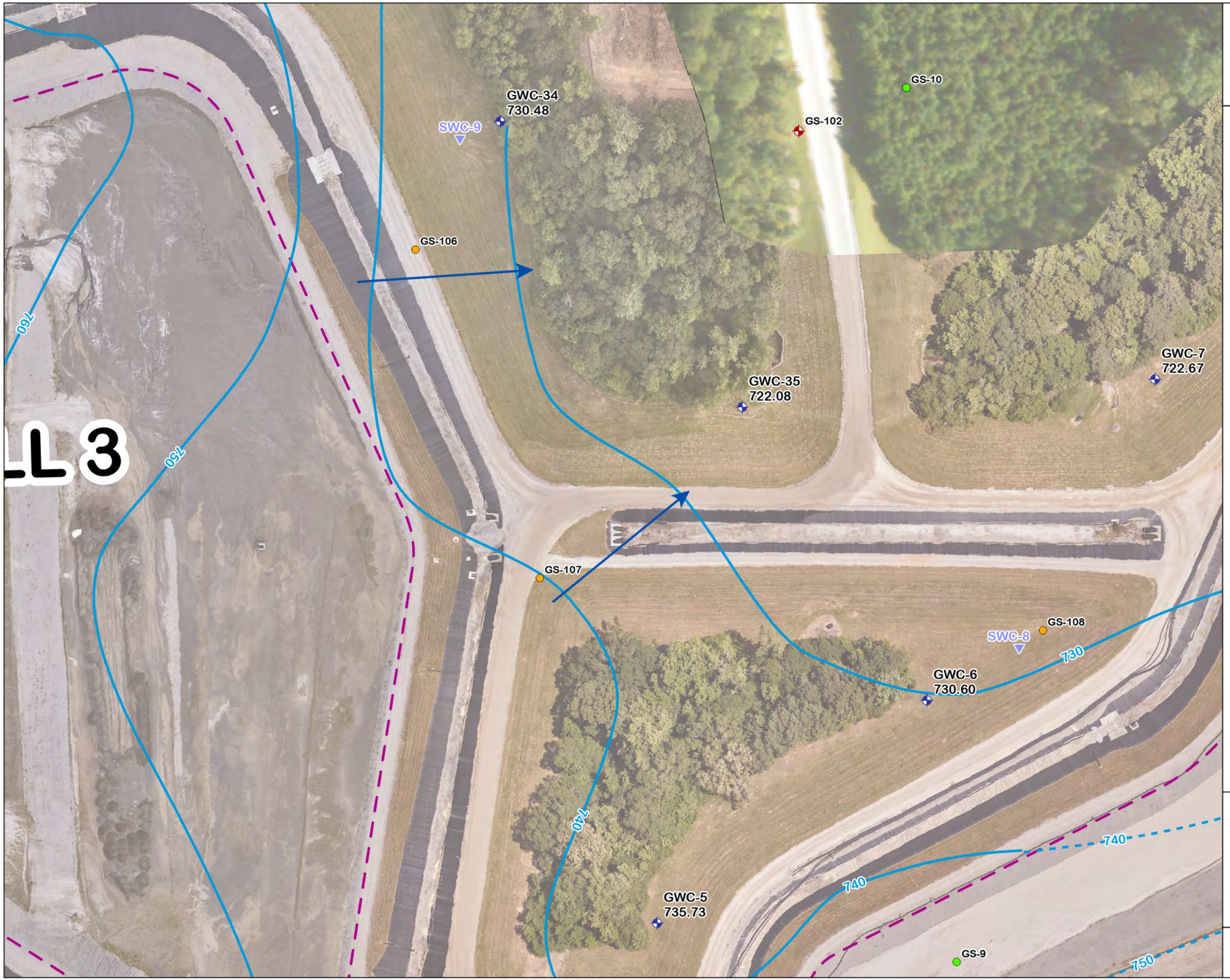
1,000 500 0 1,000
SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

ALTERNATE SOURCE DEMONSTRATION

GEOLOGIC MAP

FIGURE 7



Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE LANDFILL/CELL BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- MONITORING WELL
- SURFACE WATER MONITORING POINT
- GEOTECHNICAL BORING
- HISTORICAL BORING
- TEMPORARY PIEZOMETER

NOTES

1. AERIAL AND TOPOGRAPHIC CONTOURS DATED JUNE 20, 2024, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED NOVEMBER 15, 2021.
2. GROUNDWATER ELEVATIONS MEASURED ON JULY 29, 2024.

N

100 50 0 100

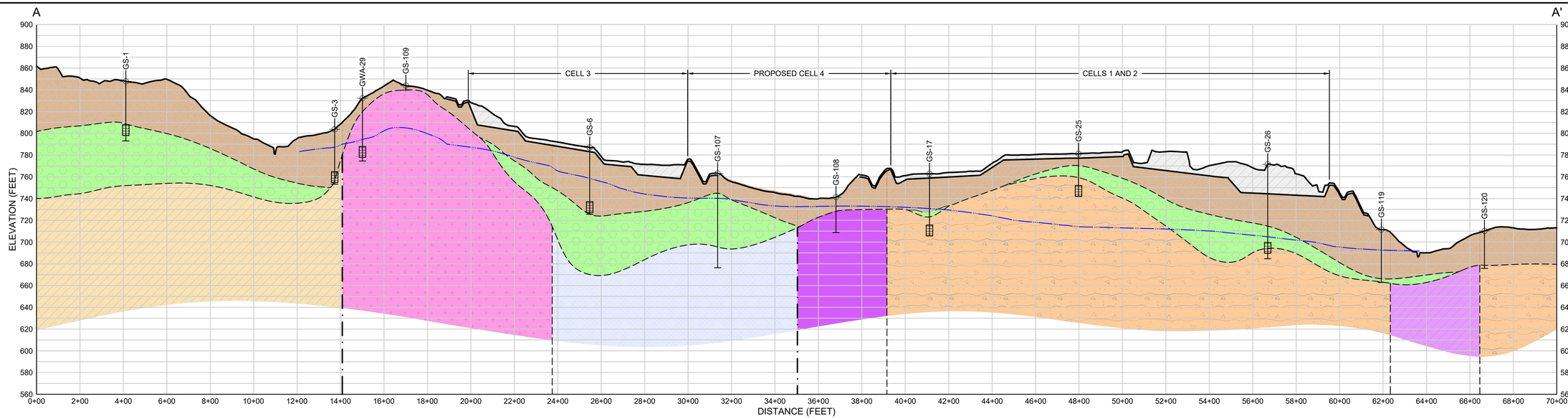
SCALE (IN FEET)

ATLANTIC COAST CONSULTING, INC.

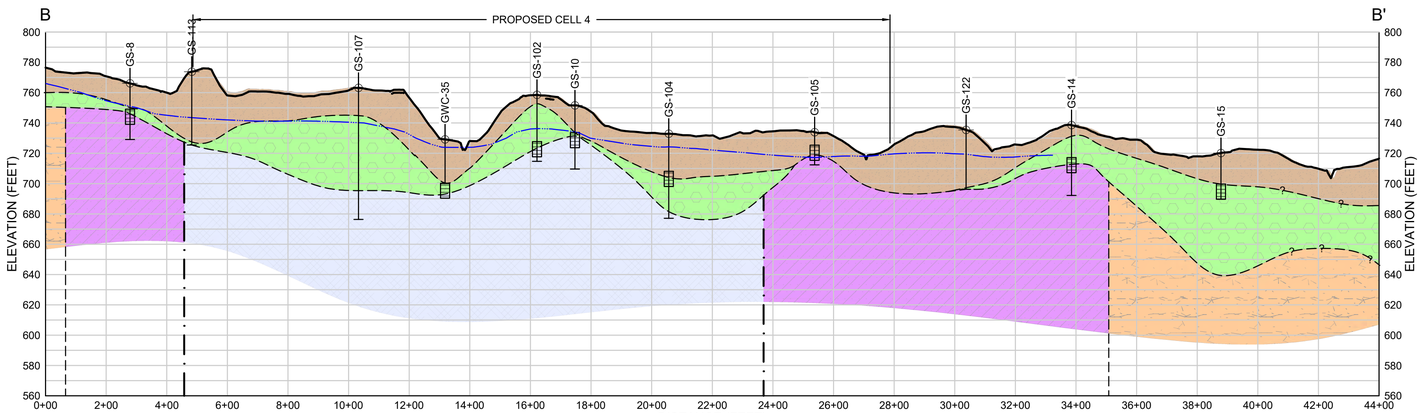
ALTERNATE SOURCE DEMONSTRATION

GEOTECHNICAL BORING LOCATION MAP

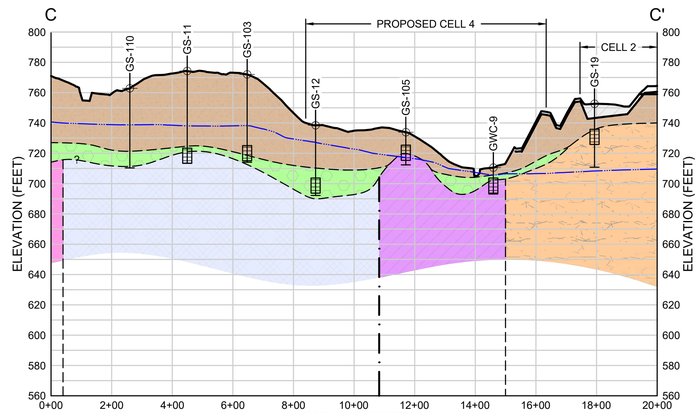
FIGURE 8



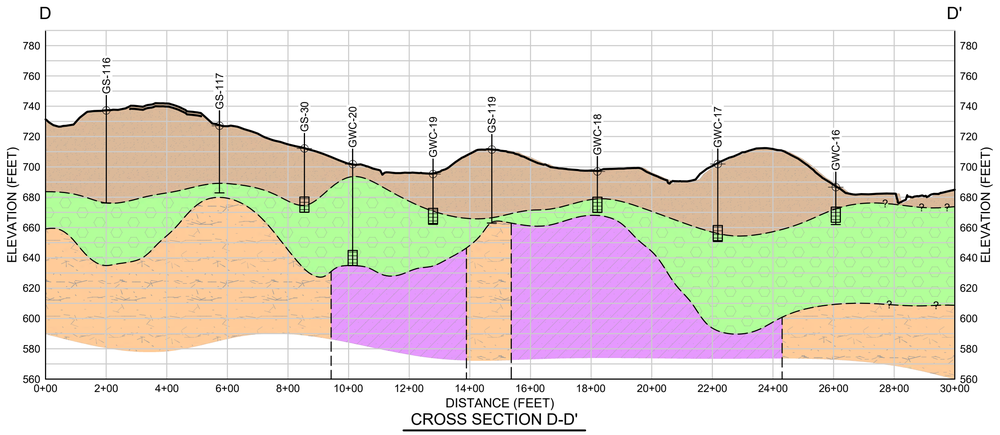
CROSS SECTION A-A'



CROSS SECTION B-B'



CROSS SECTION C-C'



CROSS SECTION D-D'

LEGEND

- WELL SCREEN LOCATION
- SOIL BORING ON ALIGNMENT (SCREENED IF ABANDONED)
- EXISTING GROUND ELEVATION - MARCH 2022
- SEASONAL HIGH GROUND WATER TABLE ELEVATION - 24 MARCH 2022
- LITHOLOGIC CONTACT
- APPROXIMATE LOCATION OF FAULT
- GYPSUM
- RESIDUAL AND SAPROLITIC SOILS: SILT, SANDY SILT, SILTY SAND
- PARTIALLY WEATHERED ROCK (PWR)
- MUSCOVITE SCHIST
- GARNET SCHIST
- QUARTZITE
- SCHIST-AMPHIBOLITE
- LONG ISLAND CREEK GNEISS
- SHEARED BUTTON SCHIST
- BIOTITE GNEISS
- AMPHIBOLITE

0 250 500
SCALE IN FEET (H)

0 50 100
SCALE IN FEET (V)

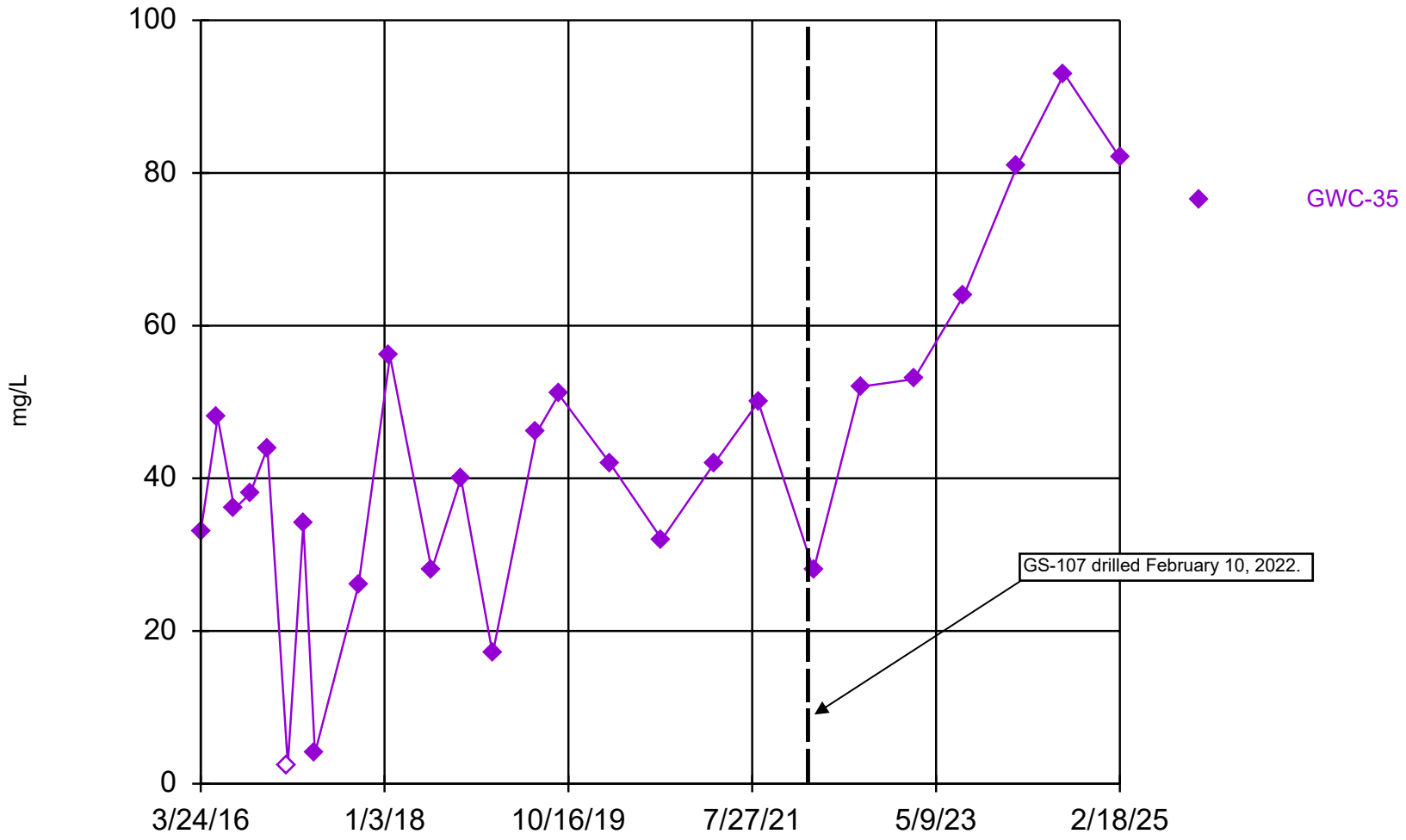
GEOLOGIC CROSS-SECTIONS
GEORGIA POWER COMPANY
1371 LIBERTY CHURCH ROAD
CARROLLTON, GA 30116

Geosyntec consultants

FIGURE 9

PROJECT NO: GW7306.05 | FEBRUARY 2023

Figure 10
TDS Time Series Plot for GWC-35



APPENDICES

APPENDIX A

Alternate Source Demonstration – Plant Wansley CCR Landfill (2024)

Georgia Power

Plant Wansley CCR Landfill

PERMIT #: 074-005D(CCR)

Heard County

ALTERNATE SOURCE DEMONSTRATION

Atlantic Coast Consulting, Inc.

CERTIFICATION STATEMENT

I hereby certify that the information used in this alternate source demonstration for the coal combustion residuals (CCR) Unit located at Georgia Power's Plant Wansley located at 1371 Liberty Church Road, Carrollton, Georgia, and designated as the Coal Combustion By-Product Disposal Facility, is accurate pursuant to the requirements of 40 CFR §257.94(e)(2). I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).



Ryan K. Walker, P.G.
Georgia Registered Professional
Geologist No. 2378
Originator
April 30, 2024



Chad Hall, PhD, P.E.
Georgia Registered Professional
Engineer No. 40688
Reviewer
April 30, 2024

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2.0 ALTERNATE SOURCE DEMONSTRATION 2
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2.2 Natural Variation in Groundwater Quality 2
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3.0 CONCLUSIONS AND RECOMMENDATIONS 4
4.0 REFERENCES 6

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Figure 6 – Stiff Diagrams
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Appendices

Appendix A – Alternate Source Demonstration – Plant Wansley CCR Landfill (2018)
Appendix B – Laboratory Analytical Results
Appendix C – GWC-9 Boring Log

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) report has been prepared to address a statistically significant increase (SSI) identified in the groundwater monitoring network at the Georgia Power Company (GPC) – Plant Wansley CCR Landfill (the Site) following the second semiannual detection monitoring event of 2023. The SSI was identified for Appendix III constituent boron at detection monitoring well GWC-9. An ASD addressing boron at GWC-9 was previously submitted to Georgia Environmental Protection Division (EPD) in 2018 (ACC, 2018). The complete 2018 ASD is provided as Appendix A. This ASD has been prepared pursuant to 40 Code of Federal Regulations (CFR) 257.94(e)(2).

The Site, located in northeast Heard County and southeast Carroll County, Georgia, is comprised of three cells within an approximate 73-acre footprint (Figure 1). The landfill is permitted to operate by the Georgia EPD Solid Waste Handling Permit No. 074-005D(CCR).

In August 2023, a semiannual detection monitoring event was conducted at the Site (ACC, January 2024) in accordance with the United States Environmental Protection Agency (USEPA) CCR rule (40 CFR 257 Subpart D; published in 80 Federal Register 21302-21501, April 17, 2015) and the Site, EPD approved, *Groundwater Monitoring Plan* (HHNT, 2022). As a result of the statistical analysis, performed by Groundwater Stats Consulting (GSC), an SSI for the Appendix III constituent boron was identified at detection groundwater monitoring well GWC-9 (See Figure 2 for the well location).

The concentration of boron in the sample from GWC-9 was 0.088 milligrams per liter (mg/L), slightly above the statistically derived site prediction limit of 0.080 mg/L. A verification resample was collected for boron in September 2023, which verified the SSI at a concentration of 0.13 mg/L. The statistical analysis of the August and September 2023 data was performed in accordance with the USEPA document Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance (Unified Guidance) (USEPA, 2009).

GWC-9 was sampled again on February 19, 2024, for the first 2024 semiannual groundwater sampling event. The concentration of boron for that sampling event was 0.080 mg/L which equals the site prediction limit, and therefore, will not be calculated as a statistical exceedance for the 2024 semiannual groundwater event.

Since the submittal of the 2018 ASD (Appendix A), concentrations of boron in GWC-9 decreased to below the site prediction limit and boron exhibited a decreasing trend in this well since November 2016. However, the August and September 2023 concentrations of boron in GWC-9 increased to above the site prediction limit (see Figure 3 – Boron Time Series Plot for GWC-9). This ASD has been prepared to address the recent boron SSI in GWC-9.

2.0 ALTERNATE SOURCE DEMONSTRATION

This ASD builds on information provided in the 2018 ASD. Because the CCR Unit has a high-density polyethylene (HDPE) liner and leachate collection system, it is unlikely that the CCR Unit is the direct source of groundwater impact at GWC-9. Due to the lined CCR Unit and review of available Site data, the SSI reported for boron at well GWC-9 is not associated with a release from the CCR Unit. The following sections provide specific demonstrations to support this ASD such as a previous operational issue related to dust suppression and natural variation in groundwater quality.

2.1 Dust Suppression

As mentioned in the 2018 ASD (Appendix A), during drought conditions present in 2016, the facility opted to minimize water usage from typical sources by utilizing water from the NPDES discharge pond (retention pond) for road dust suppression. This retention pond water had been treated prior to use for dust suppression; however, it may have exhibited slightly different chemical characteristics than the dust suppression water used during non-drought conditions. This may have accounted for the 2016 boron increases and subsequent decline after the drought ended, and the data supports this as the concentration of boron declined after 2017. An operational issue related to dust suppression is the likely source for the initial 2016 concentrations of boron found in GWC-9.

2.2 Natural Variation in Groundwater Quality

The low-level boron concentrations at GWC-9 have shown variability between 2016 through February 2024, with ranges from non-detect (ND) [March 2022] to 0.44 milligrams per liter (mg/L) [November 2016], as shown on Figure 3. Overall, the concentration of boron in GWC-9 has declined since the November 2016 peak value of 0.44 mg/L. GWC-9 was sampled on February 19, 2024, for the 2024 semiannual groundwater sampling event. The concentration of boron for that sampling event was 0.080 mg/L which equals the site prediction limit and illustrates the low-level nature of boron concentration at GWC-9. There is no maximum contaminant level (MCL) established for boron, but concentrations of boron in GWC-9 have been well below the USEPA Regional Screening Level of 4.0 mg/L. The February 2024 laboratory analytical data report J246863-1 is provided in Appendix B.

A review of Plant Wansley Ash Pond 1 data shows that the site background concentrations for boron at the Ash Pond is 0.10 mg/L (Georgia Power Company, 2024). This boron concentration was from monitoring well WGWA-18 (Figure 7) during the August 2021 sampling event. This background concentration is higher than the site background concentration for boron at the Plant Wansley CCR Landfill which is 0.080 mg/L. This demonstrates that background concentrations of boron at Plant Wansley, while low-level, are spatially variable. The initial boron concentration of 0.088 mg/L for GWC-9 during the second 2023 semiannual sampling period was below the site background at Ash Pond 1 and the most recent boron concentration data from GWC-9 (February 2024) was equal to the site prediction limit and, therefore, will not be calculated as a statistical increase at the Site.

The variation in the concentration of boron in GWC-9 may also be attributed to fluctuations in groundwater elevations. As shown on Figure 4, boron concentrations in GWC-9 show an inverse correlation when compared to minor changes in groundwater elevations. As groundwater elevations decrease, the concentration of boron increases and vice versa. This correlation may be indicative of an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9 (Appendix C), as discussed in the following section. Leachate indicator parameters chloride and sulfate have not been detected at SSI concentrations which further indicates that GWC-9 is not being impacted by the CCR unit.

2.3 Geochemical Characterization

The Piper diagram on Figure 5 was created from the groundwater data collected during the February 2024 semiannual sampling event. Displayed on the figure is a highlighted section in which typical CCR leachate would plot on the diagram based upon fine ash leaching research (Zielke-Olivier and Vermeulen 2019). Figure 5 shows that the water types displayed by the upgradient groundwater wells and downgradient groundwater well GWC-9 data are generally similar and are not indicative of CCR source water. As demonstrated in the figure, the data for GWC-9 is similar to the data for upgradient well GWA-2. In general, the data for GWC-9 plots in similar areas of the diagram as the rest of the upgradient monitoring wells at the Site and in a different area than typical coal ash leachate.

GWC-14 was included in Figure 5 for comparison purposes. A boron SSI was also confirmed in GWC-14 during the August 2023 reporting period. However, the boron SSI in GWC-14 has been addressed by an August 2022 ASD Addendum, which has been approved by Geogia EPD. The cause of the SSIs for GWC-14 has been attributed to an aboveground expansion joint failure that was directly upgradient of GWC-14. This incident has impacted GWC-14 with leachate that was being transferred from the return water pond through the return water dual wall pipes to the plant for operational purposes. If GWC-9 is being impacted from leachate from the landfill you would expect to see similarities in the water type between GWC-9 and GWC-14. However, as displayed in Figure 5, GWC-9 does not plot near GWC-14 and instead plots similarly to background wells at the Site. The water type displayed for GWC-14 plots closer to the typical coal ash leachate area of the diagram. This suggests that GWC-9 is not being impacted by the CCR Unit.

Stiff diagrams in Figure 6 generally support the data derived from the Piper plots in Figure 5, showing water types not indicative of CCR leachate. Bicarbonate ions are similar in upgradient well GWA-2 and downgradient well GWC-9, suggesting similar natural groundwater type in both upgradient and downgradient wells. Additionally, as with Figure 5, GWC-14 has been included in Figure 6 for comparison purposes. The stiff diagrams for GWC-9 and GWC-14 do not display similarities which further suggests that GWC-9 is not being impacted by the CCR Unit.

The United States Geological Survey (USGS) National Geochemical Database (NGDB) shows that the USGS took several hard rock samples at locations around Plant Wansley in 1967, which predates waste placement at the Wansley Landfill. USGS

sample locations AEW095, AEW096, AEW087, and AEW088 all contained boron at concentrations of 50, 20, 50, and 10 parts per million (ppm) by weight, respectively. Of those locations, AEW095 and AEW096 are located nearest Wansley Landfill, as shown in Figure 7, and are within, or near, the same geological layer (granitic gneiss) for GWC-9. Uppin and Karro (2013) state that one factor controlling the groundwater chemistry is the lithological composition of water-bearing rocks and that the presence of boron bearing minerals in the host rock and their interaction with water are considered to be the main cause of boron enrichment in groundwater. The leachability of boron increases at longer contact times and is also influenced by the mixing speed and/or liquid-to-solid ratio (Tabelin *et. al*., 2013). The variation in the concentrations of boron at GWC-9 may be influenced by the leachability of boron-containing bedrock and fluctuations in groundwater elevation. As stated in the previous section, as groundwater elevations decrease, the concentration of boron increases, and vice versa. This correlation may be indicative of an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The Plant Wansley Landfill August 2023 Statistical Analysis report identified a verified SSI for boron in GWC-9. This ASD demonstrates that the original SSI of boron at GWC-9 is attributed to a previous operational issue related to dust suppression. Ongoing concentrations of boron are attributed to natural variation in groundwater quality due to the lithological composition of water-bearing rocks at the Site that contain boron bearing minerals and their interaction with groundwater.

Lines of evidence that supports this ASD conclusion include:

- Boron concentrations at GWC-9 have shown variability between 2016 to February 2024, with ranges from ND to 0.44 mg/L. Overall, the concentration of boron in GWC-9 has declined since the November 2016 temporary peak value of 0.44 mg/L, which was attributed to a previous operation issue related to dust suppression water. The most recent boron concentration data from GWC-9 (February 2024) was equal to the site prediction limit and will not be calculated as an SSI for the 2024 semiannual groundwater sampling event.
- Site groundwater geochemistry demonstrates similarity of water quality between GWC-9 and background conditions of upgradient wells, specifically GWA-2. Additionally, leachate indicator parameters chloride and sulfate have not been detected at SSI concentrations which further indicates that GWC-9 is not being impacted by the CCR unit.
- Groundwater elevations show an inverse correlation with boron concentrations, in which lower groundwater elevations may result in slightly higher concentrations of boron. This inverse correlation explains fluctuations in boron concentrations that are attributed to naturally derived sources from parent rock, as evidenced in the comparison of background concentrations of boron at the Ash Pond (0.10 mg/L) and Plant Wansley CCR Landfill (0.080 mg/L).

- The lithological composition of rocks at the Site contain boron. The leachability of boron in hard rock increases with longer contact times and is also influenced by the mixing speed interaction and/or liquid-to-solid ratio. The inverse relationship between groundwater elevation and the concentration of boron indicates an interaction occurring between a geological layer and lower groundwater elevation near the screened interval of GWC-9. The variation in the concentrations of boron at GWC-9 may be influenced by the leachability of boron containing bedrock and fluctuations in groundwater elevation.

Based on the information presented in this ASD, groundwater monitoring at Plant Wansley Landfill will remain in detection monitoring. Detection monitoring results will continue to be presented in the Semiannual and Annual Groundwater Monitoring and Corrective Action Reports.

4.0 REFERENCES

ACC, Inc. (ACC). 2023 Annual Groundwater Monitoring and Corrective Action Report. Plant Wansley CCR Landfill, January 2024.

Georgia Power Company. 2023 Annual Groundwater Monitoring and Corrective Action Report. Plant Wansley Ash Pond 1 (AP-1), January 2024.

Hodges, Harbin, Newberry, & Tribble, Inc. (HHNT). Groundwater Monitoring Plan, Plant Wansley – Coal Combustion Residuals (CCR) Landfill, Heard County, Georgia, October 2022.

Tabelin, C.B., Hashimoto, A., Igarashi, T., and Yoneda, T., Leaching of Boron, Arsenic and Selenium from Sedimentary Rocks: I. Effects of Contact Time, Mixing Speed and Liquid-to-Solid Ratio. The Science of the Total Environments. Vol 472. Pages 620 – 629. Dated December 6, 2013.

United States Environmental Protection Agency (US EPA), 2009. Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. USEPA 350/R-09/007 Office of Solid Waste Management Division, U.S. Environmental Protection Agency, Washington, D. C. March 2009.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW087, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW088, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW095, Dated December 5, 1967.

United States Geological Survey. National Geochemical Database. Rocks. NGDB Rock Sample AEW096, Dated December 5, 1967.

Uppin, M. and Karro, E. Determination of Boron and Fluoride Sources in Groundwater: Batch Dissolution of Carbonate Rocks in Water. Geochemical Journal. Vol. 47. Pages 525 – 535. Dated July 14, 2013.

Zielke-Olivier, J. and Vermeulen, D. A Geochemical Weathering Profile of a Fine Ash Tailings Dam and its Impact on the Underlying Aquifers. Journal of Environmental Management, Vol. 242. Pages 162 – 170. Dated July 15, 2019.

FIGURES

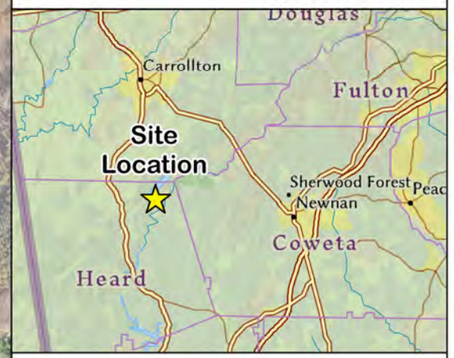


Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE LANDFILL/CELL BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY



NOTES

1. AERIAL DATED JANUARY 30, 2024, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED NOVEMBER 15, 2021

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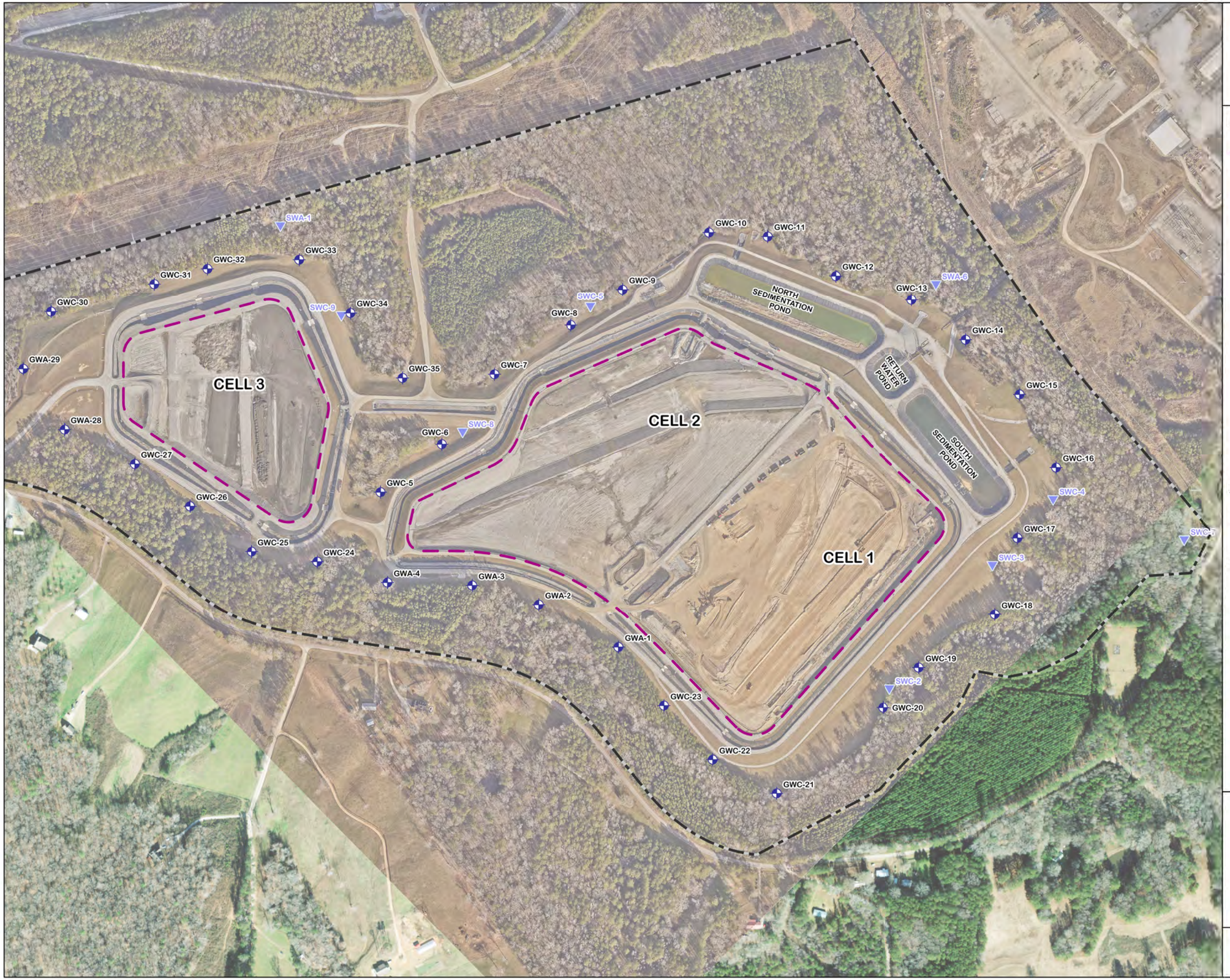
SCALE (IN FEET)

ATLANTIC COAST CONSULTING, INC.

ALTERNATE SOURCE DEMONSTRATION

SITE MAP

FIGURE 1



Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE LANDFILL/CELL BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- SURFACE WATER MONITORING POINT

NOTES

1. AERIAL DATED JANUARY 30, 2024, FROM SAM, LLC. ADDITIONAL PHOTOGRAPHY SOURCED FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP) DATED NOVEMBER 15, 2021.
2. SURFACE WATER MONITORING POINTS SWC-2, SWC-3, SWC-4, SWC-5, SWC-8, AND SWC-9 ARE UNDERDRAIN SAMPLING LOCATIONS.

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450 225 0 450

SCALE (IN FEET)

Atlantic Coast Consulting, Inc.

ALTERNATE SOURCE DEMONSTRATION

WELL LOCATION MAP

FIGURE 2

Figure 3
Boron Time Series Plot for GWC-9

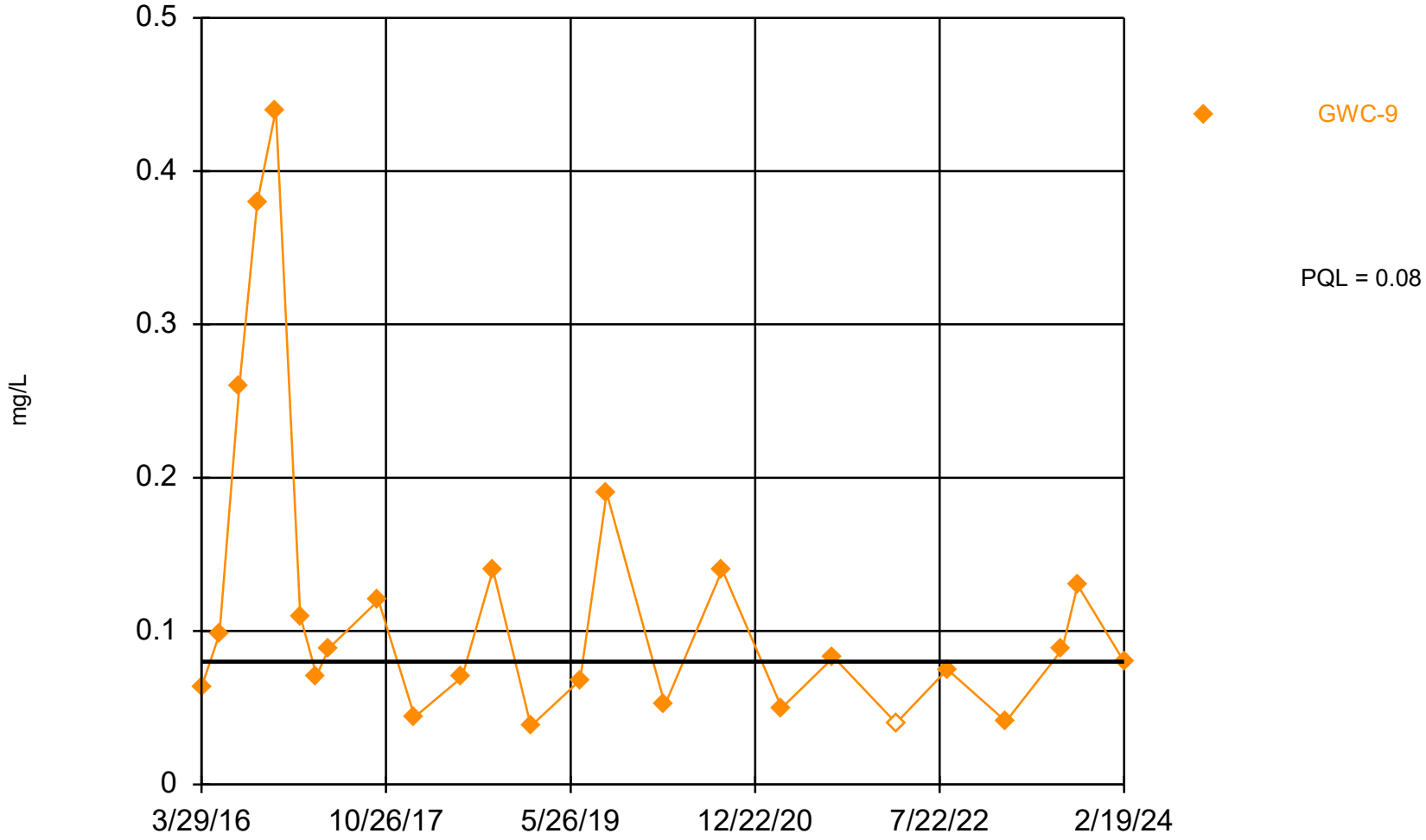


Figure 4
Boron vs Groundwater Elevation
Time Series Plot for GWC-9

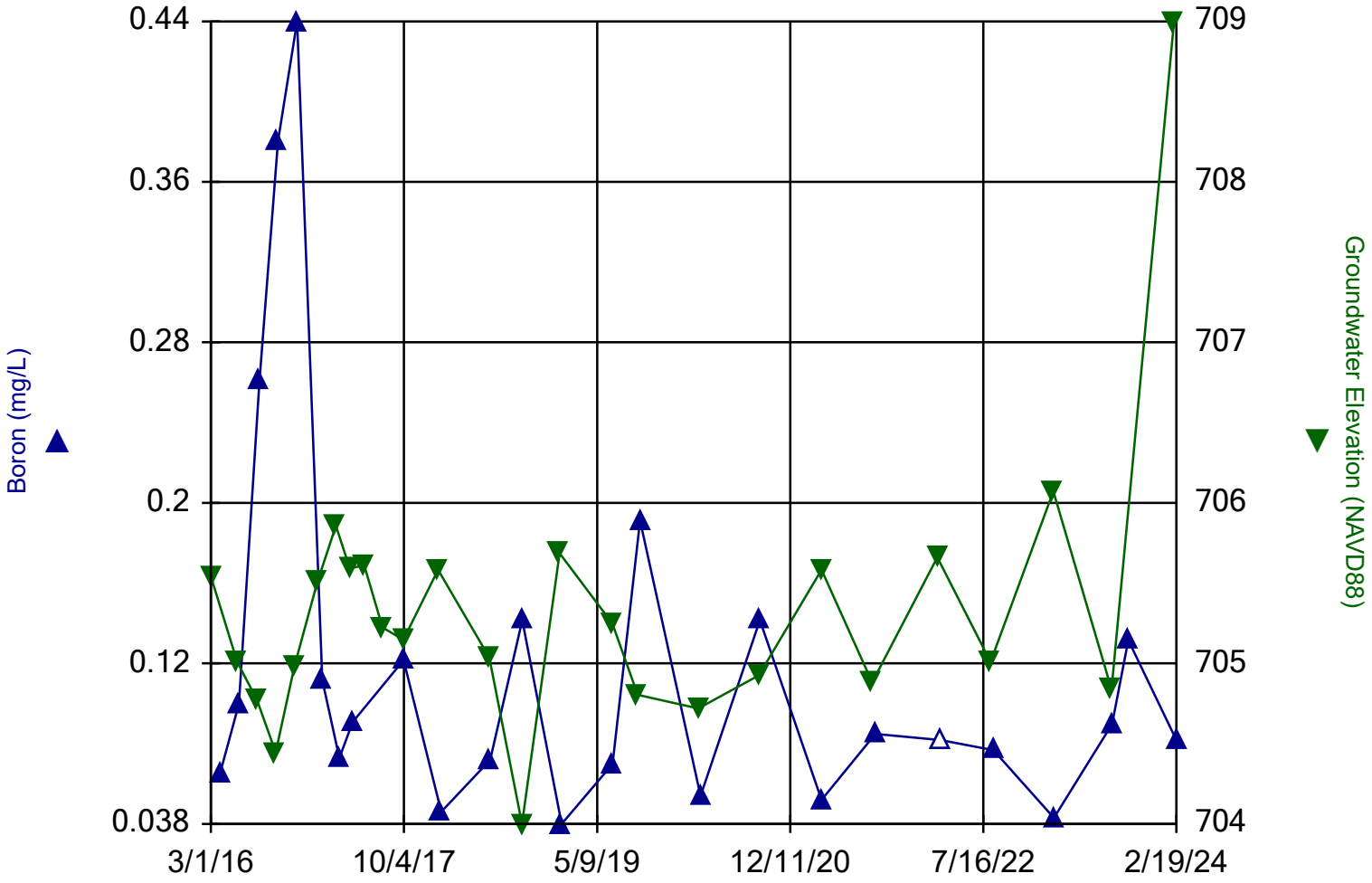


Figure 5
Piper Diagram

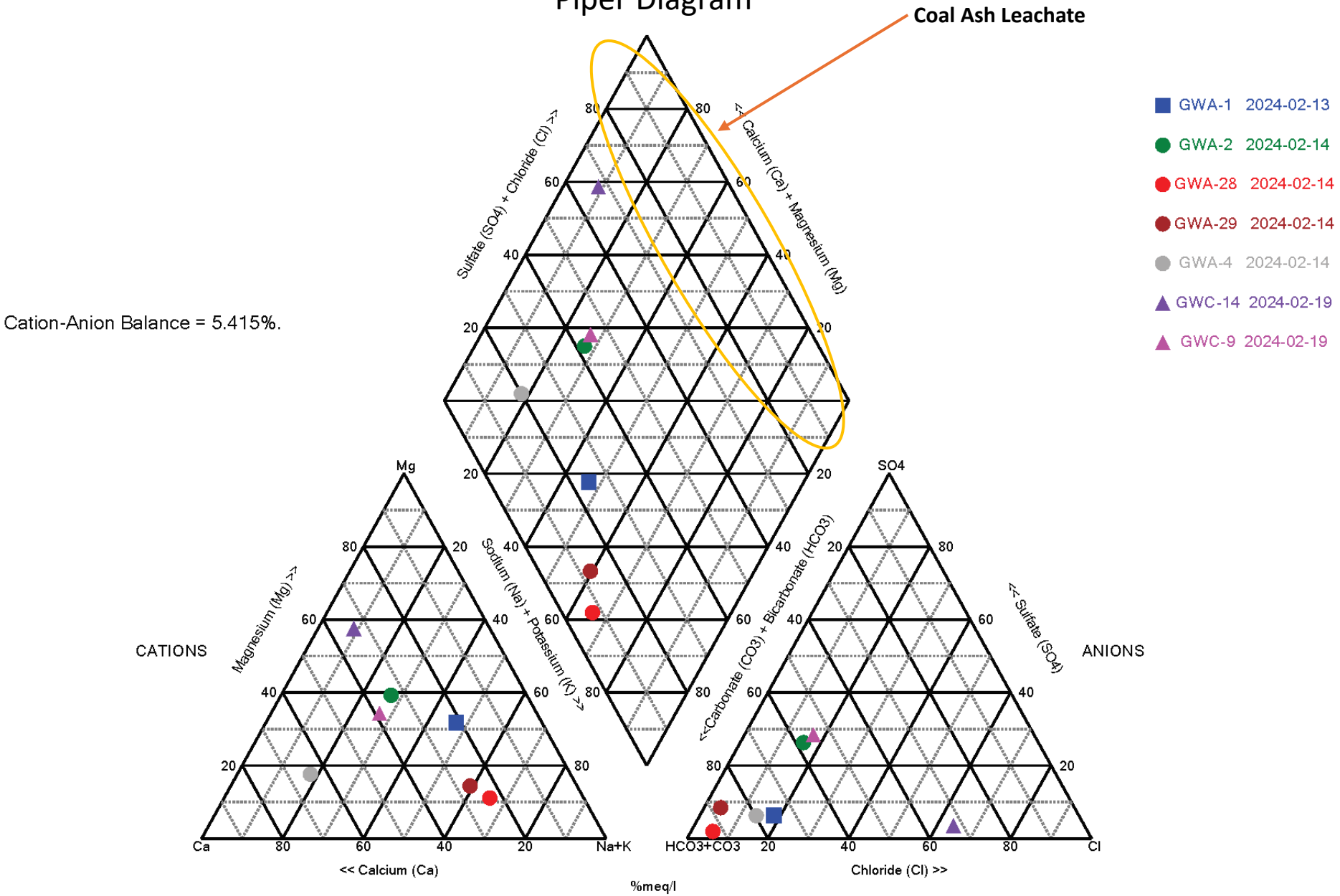
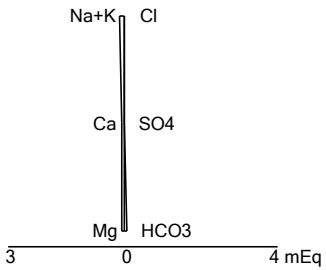
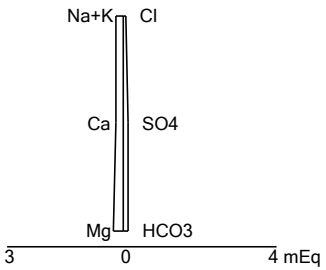


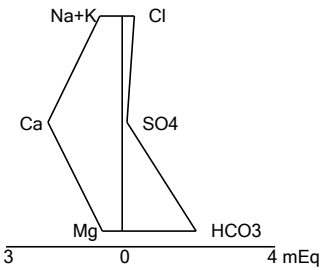
Figure 6
Stiff Diagram



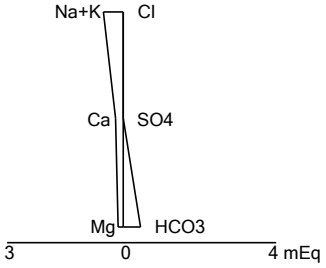
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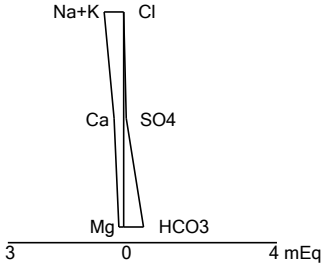
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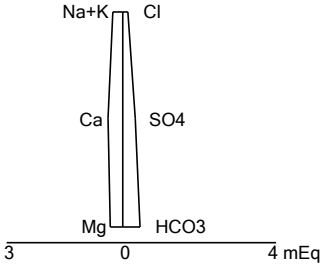
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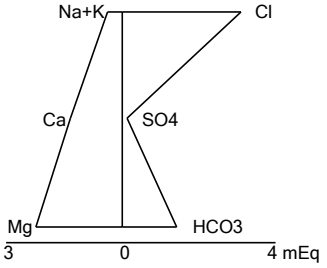
GWA-28* 2024-02-14



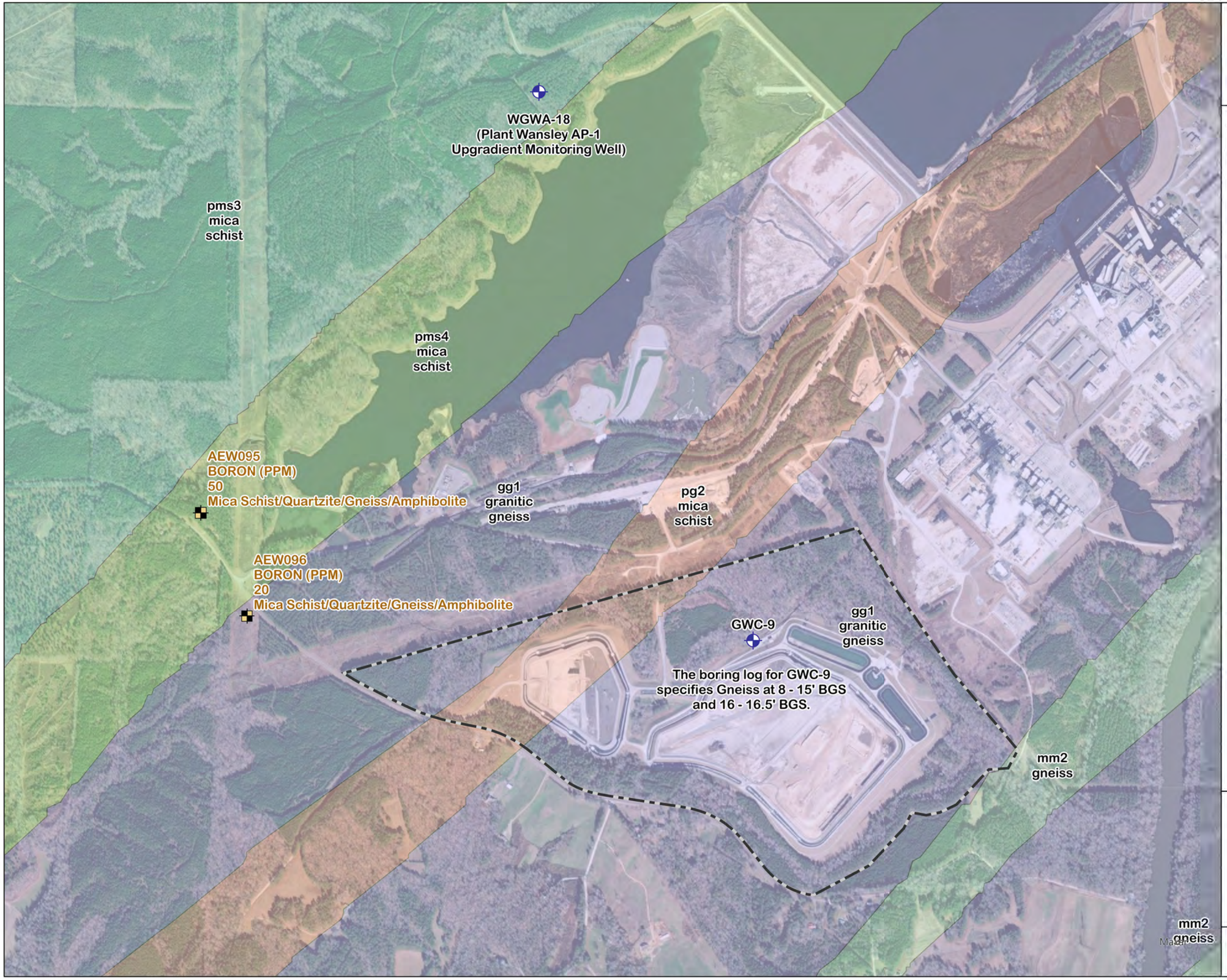
GWA-29* 2024-02-14



GWC-9 2024-02-19



GWC-14 2024-02-19



Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL
- USGS NGDB ROCK SAMPLE LOCATION
- gg1
- mm2
- pg2
- pms3
- pms4

NOTES

1. USGS NGDB ROCK SAMPLE DATA SOURCED FROM USGS'S ONLINE SPATIAL DATA "NATIONAL GEOCHEMICAL DATABASE."
2. GEOLOGIC LAYER SOURCED FROM LAWTON, D.E., AND OTHERS, 1976, GEOLOGIC MAP OF GEORGIA: GEORGIA GEOLOGICAL SURVEY, SCALE = 1:500,000.

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SCALE (IN FEET)

ATLANTIC COAST CONSULTING, INC.

ALTERNATE SOURCE DEMONSTRATION

GEOLOGIC MAP

FIGURE 7

APPENDICES

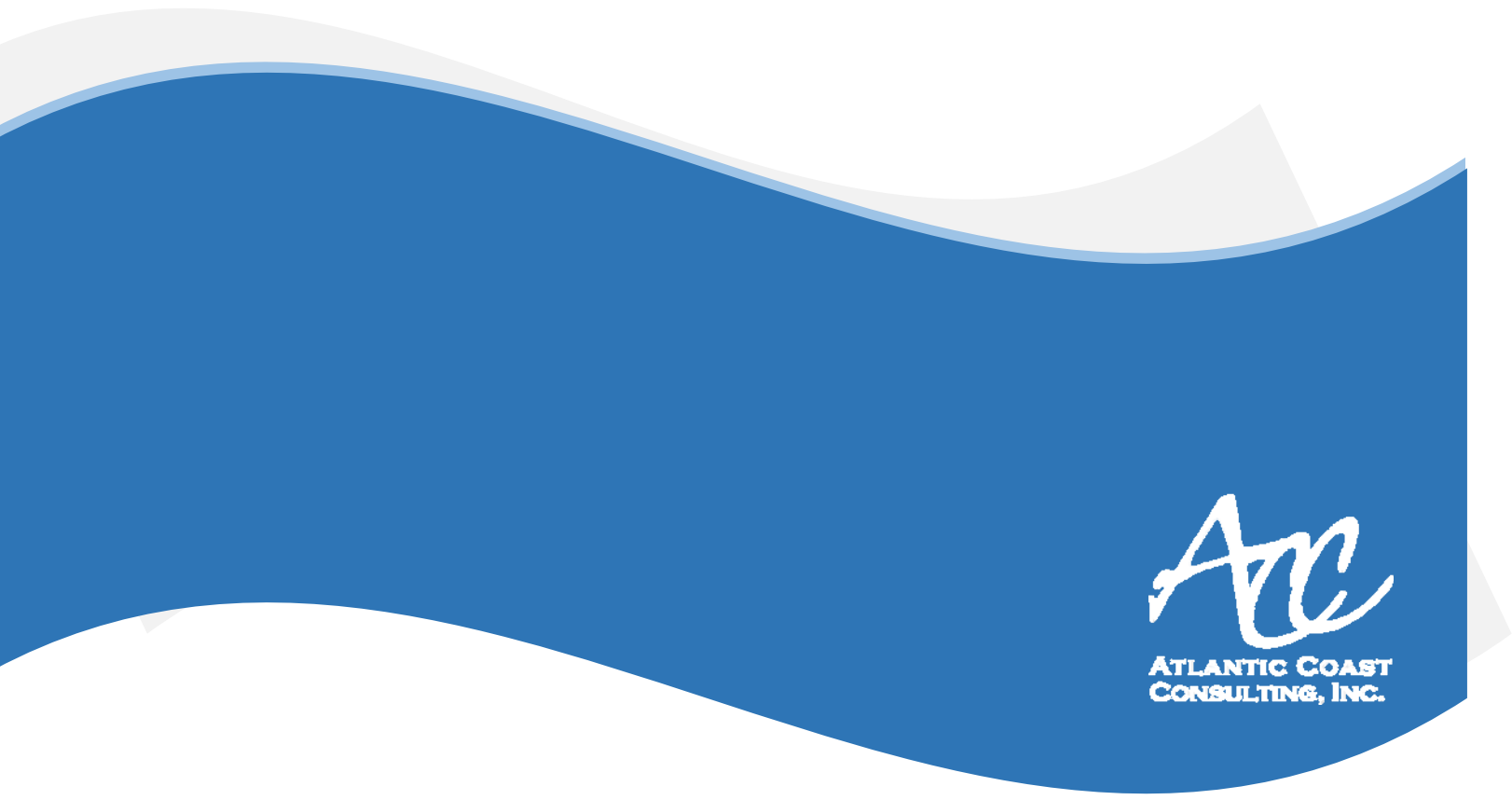
APPENDIX A

Alternate Source Demonstration – Plant Wansley CCR Landfill (2018)

Georgia Power Company
Plant Wansley CCR Landfill

Carrollton, Georgia 30116
Heard County

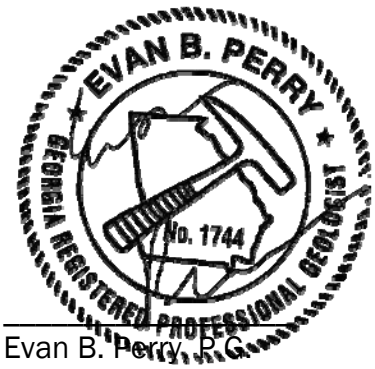
Alternate Source Demonstration



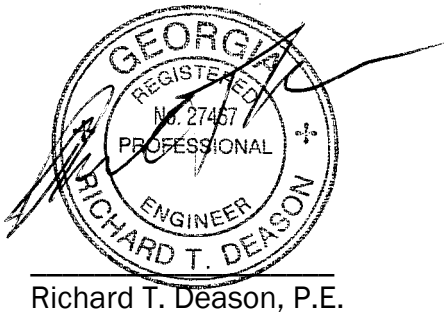
Atlantic Coast Consulting, Inc.

Certification Statement

I hereby certify that the information used in this alternate source demonstration for the CCR Unit located at Georgia Power's Plant Wansley located at 1371 Liberty Church Road, Carrollton, Georgia, and designated as the Coal Combustion By-Product Disposal Facility, is accurate pursuant to the requirements of 40 CFR §257.94(e)(2).



Evan B. Perry, P.G.
Georgia Registered Professional
Geologist No. 1744
Originator



Richard T. Deason, P.E.
Georgia Registered Professional
Engineer No. 2213
Reviewer

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Cover Sheet

Certification Statement

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SECTION 1
Introduction

This document presents an alternate source demonstration (ASD) for statistically significant increases (SSIs) as identified in the 2017 Annual Groundwater Monitoring and Corrective Action Report submitted on January 31, 2018. This ASD has been prepared pursuant to 40 CFR 257.94(e)(2), which states that "the owner/operator may demonstrate that a source other than the coal combustion residual (CCR) unit caused the statistically significant increase over background levels for a constituent or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality."

Georgia Power Company (GPC) – Plant Wansley CCR Landfill (the site) is located in northeast Heard County and southeast Carroll County on Liberty Church Road, approximately 12 miles southeast of the City of Carrollton. The plant property encompasses approximately 5,100 acres and the landfill is permitted to operate by the Georgia Environmental Protection Division (EPD) [Permit No. 074-005D(L)(I)]. The disposal facility is comprised of three cells within an approximate 73-acre disposal footprint. Figure 1, Plant Wansley CCB Disposal Facility Site Location Map, depicts the site location referenced to regional landmarks. The facility has received only flue gas desulfurization gypsum waste from GPC – Plant Wansley to date: however, a recently approved permit modification will allow for all forms of CCR to be disposed in the future.

In accordance with the United States Environmental Protection Agency (USEPA) CCR rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR21302-21501, April 17, 2015), the facility prepared the *2017 Annual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the site and satisfy the requirements of §257.90(e). Groundwater monitoring and reporting for the site is performed in accordance with the monitoring requirements §257.90 through §257.98. In that report, SSIs were identified as follows:

- Boron: GWC-9 and GWC-14
- Chloride: GWC-14
- Fluoride: GWC-32

SECTION 2
Alternate Source Demonstration

As allowed by §257.94(e)(2), the site may demonstrate that a source other than the CCR unit caused the SSI for a constituent or that the SSI resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. This report demonstrates an alternate source for SSIs of constituents included in Appendix III of 40 CFR. §257 identified following analysis of the first detection monitoring event data. SSIs were identified for three groundwater monitoring network wells (GWC-9, GWC-14, and GWC-32). Two of these locations (GWC-9 and GWC-14) were previously identified has having SSIs under state permitting requirements. The SSIs at these locations were addressed in an EPD-approved ASD completed in 2017. This ASD builds on information provided in the 2017 document to address the newly required Appendix III constituents. There are conditions unique to each individual well where one or more SSIs were identified at the site. Therefore, the following sections provide specific demonstrations, by well, to support that the site is not the source of the SSI. A recent potentiometric surface map is provided for reference as Figure 2, Plant Wansley CCB January 2018 Potentiometric Surface Map.

2.1 GWC-9

2.1.1 SSI Identification

One Appendix III analyte (boron) was identified in the *2017 Annual Groundwater Monitoring and Corrective Action Report* as a SSI at this location. The concentration of 0.12 milligrams per liter (mg/L) reported in the sample collected during the October 2017 detection monitoring event exceeded the site prediction limit of 0.05 mg/L. A verification resample was collected on December 1, 2017 and the exceedance was confirmed at a concentration 0.10 mg/L.

2.1.2 Data Review

Background monitoring was initiated in 2016 and continued through 2017. As shown in Figure 3, Boron Time Series Plot for GWC-9, the concentration of boron was reported at trace levels during the initial rounds of background monitoring (estimated "J" values of 0.0635J and 0.0981J mg/L March and May 2016, respectively). An increase in concentration to 0.26 mg/L was reported in July 2016 and continued until reaching a maximum level of 0.44 mg/L in November 2016. The concentration declined to 0.11 mg/L in January 2017 and remained in a range of 0.071 to 0.12 mg/L for the duration of 2017. The well was most recently sampled in January 2018 as part of the first 2018 semi-annual monitoring event required by the current solid waste permit. The January 2018 concentration of 0.044J mg/L was less than the site prediction limit of 0.050 mg/L.

Other Appendix III parameter trends were reviewed in order to gain insight into the source of the boron increase and subsequent decline. Based on a review of these data, chloride, total

dissolved solids (TDS) and to a lesser extent calcium exhibit trends similar to boron. All of these analytes showed increases in late 2016 reaching maximum levels during the November 2016 event then subsequently declining to near the original early 2016 levels. Time series plots for these analytes are provided in Figure 4 (Chloride Time Series Plot for GWC-9), Figure 5 (TDS Time Series Plot for GWC-9) and Figure 6 (Calcium Time Series Plot for GWC-9).

Water level and precipitation data were also reviewed. The increasing analyte trends correspond to a period of relative drought. According the National Oceanic and Atmospheric Administration (NOAA) the average annual precipitation for Carrolton, Georgia is 51.4 inches. The University Georgia College of Agricultural & Environmental Sciences maintains a statewide weather monitoring network including a Plant Wansley station. Data from the Plant Wansley station indicate that 2016 was a significantly drier than average year with total precipitation of 39.6 inches. Conversely, both 2015 and 2017 were wetter than average with respective totals of 60.2 and 69.7 inches. The period between September 19 and November 28, 2016 was notably dry in that no precipitation event greater than 0.1 inches occurred. As shown in Figure 7, Groundwater Elevation and Boron Time Series Plot for GWC-9, the dry weather during late 2016 coincides with lower water groundwater elevations and higher boron concentrations at GWC-9.

2.1.3 Alternate Source Review

Based on a review of the facility's Design and Operation Plans and recent aerial photographs, direct leakage from the cell area is highly improbable. Very limited gypsum slurry has been directed into Cell 2 and the small amount that has been is located on the opposite side of the cell approximately 1200 feet from GWC-9. The landfill is a fully lined unit including a 60-mil thick high-density polyethylene (HPDE) liner underlain by a geosynthetic clay liner (GCL), a 6-inch layer of compacted clay (maximum permeability of 1 x 10^{-5} cm/sec), and structural fill. Two sedimentation basins and a return water pond capture all leachate, sluice water and storm water run-off generated in the lined cell areas.

Storm water runoff from the perimeter gravel road has occurred near GWC-9 (uphill from the pump booster station), as evidenced by erosion rills in the vicinity. The gravel road is not anticipated to be a significant source of impact; however, the road is serviced by water trucks used for dust suppression. During drought conditions present in 2016, the facility opted to minimize water usage from typical sources by utilizing water from the NPDES discharge pond (retention pond). Water from this pond has been treated prior to release. However, it may exhibit slightly different chemical characteristics than the dust suppression water used during non-drought conditions (i.e. potentially accounting for the boron and chloride increases and subsequent decline after the drought ended). An operational issue related to dust suppression is a potential source.

2.1.4 Natural Variation in Groundwater Quality

As discussed in Section 2.1.2, an increasing trend in the concentrations of boron, chloride and TDS occurred during a period of relative drought in 2016. Concentrations diminished

during a return of wetter weather during 2017 Lower groundwater elevations have the potential to result in fluctuations in the concentrations of naturally occurring analytes (i.e. groundwater is less diluted by rainwater during periods of relative drought). As shown in Figure 7 there appears to be an inverse relationship between the groundwater elevation and boron concentration. Therefore, a natural variation in groundwater quality is also a potential source.

2.1.5 Summary and Recommendations

The CCR unit is not the apparent source of the boron SSI. The lined landfill was constructed to prevent direct impact to groundwater and there is no waste in close proximity to the well. Dry weather conditions that occurred in 2016 indicate the possibility that a natural variation in groundwater quality occurred. Additionally, recent data indicate that conditions have returned to background levels and concentrations are no longer at SSI levels. The monitoring well should remain in detection monitoring as the assessment trigger is no longer present and an alternate source was identified.

2.2 GWC-14

2.2.1 SSI Identification

Two Appendix III analytes (boron and chloride) were identified in the *2017 Annual Groundwater Monitoring and Corrective Action Report* as SSIs at this location. The respective concentrations of 0.95 and 160 mg/L for boron and chloride reported in the sample collected during the October 2017 detection monitoring event exceeded the site prediction limits of 0.05 mg/L (boron) and 23 mg/L (chloride). A verification resample was collected on December 1, 2017 and the exceedances were verified at concentrations of 1.2 and 150 mg/L for boron and chloride, respectively.

2.2.2 Data Review

The concentration ranges for boron and chloride have shown variability during monitoring. As shown in Figure 8, Boron Time Series Plot for GWC-14 and Figure 9, Chloride Time Series Plot for GWC-14, the range of boron concentrations is 0.29 to 1.2 mg/L and chloride 46 to 180 mg/L. However, even at the low end of the ranges the concentrations are above site background conditions.

2.2.3 Alternate Source Review

Groundwater monitoring well GWC-14 is located directly downhill and downgradient from the return water pond, return water pumps, and electrical control building. Effluent is transferred from the return water pond to the return water lines that connect to the plant where it is recycled for operations.

There have been historical operational issues in this area. An unpermitted discharge due to the failure of an HDPE expansion joint on the return water pipe occurred on August 30, 2014. The Georgia Environmental Protection Division was immediately verbally notified and

subsequently provided written notification. The facility made immediate repairs and also began to evaluate long-term corrective actions. The pond was temporarily taken out-of-service to allow repairs to be made beginning in early 2015. The concrete headwall, HDPE liner and soil berm were removed to expose the buried return water piping leading from the return water pond to the pumps. Repairs to the piping, liner and headwall were completed in early 2017. The pond is now fully repaired and functional.

2.2.4 Summary and Recommendations

The CCR unit is not the direct source of the boron and chloride SSIs. The apparent source is a return water piping failure that was identified and addressed. The facility completed repairs to the return water pond and piping in 2017 that will prevent future releases from occurring and thus allowing boron and chloride concentrations to eventually return to background levels. The monitoring well should remain in detection monitoring as an alternate source was identified.

2.3 GWC-32

2.3.1 SSI Identification

One Appendix III analyte (fluoride) was identified in the *2017 Annual Groundwater Monitoring and Corrective Action Report* as a SSI at this location. The concentration of 3.4 mg/L reported in the sample collected during the October 2017 detection monitoring event exceeded the site prediction limit of 3.2 mg/L. A verification resample was collected on December 1, 2017 and the exceedance was verified at a concentration of 3.4 mg/L.

2.3.2 Data Review

Concentrations of fluoride ranged from 2.1 to 3.9 mg/L in samples collected from GWC-32 during background monitoring. The concentrations reported during the compliance event and verification resample were within this range. Several nearby monitoring wells also produced consistent detections of fluoride (e.g. GWA-28, GWA-29, GWC-27, GWC-31 and GWC-33). Two of these locations, GWA-28 and GWA-29 are upgradient from Cell 3 and are used to characterize background conditions. Concentrations at these locations ranged from 1.4 to 3.2 mg/L during background monitoring. The site prediction limit of 3.2 mg/L was based on these data (i.e. maximum concentration reported in background).

Reported fluoride concentrations in multiple upgradient and downgradient wells at Cell 3, which has not yet been used for CCR disposal, are likely derived from a natural source in the underlying bedrock. The boring logs from these locations provided in Appendix A, Boring Logs, indicate that GWA-28, GWA-29, GWC-27, GWC-31, GWC-32, and GWC-33 are at least partially screened in a common lithology, the Long Island Creek Gneiss. This lithology is localized to this portion of Plant Wansley. Rock units encountered in other portions of the site include: biotite gneiss (easily differentiated from the Long Island Creek Gneiss by greater abundance of mafic minerals), quartzite, schist units and amphibolite units. As shown in Figures 1 and 2, these well locations are adjacent to each other. It is noted that

one location in this area, GWC-30 did not produce fluoride detections. However, this location is differentiated from the others in that it is screened in overburden rather than bedrock. A time series plot depicting fluoride concentrations at these locations is provided as Figure 10, Fluoride Time Series Plot for Cell 3 Monitoring Wells.

2.3.3 Alternate Source Review

Groundwater monitoring well GWC-32 is adjacent to Cell 3. This cell is not contiguous with Cells 1 and 2 and has never received waste. Therefore, the CCR unit is not the apparent source.

2.3.4 Natural Variation in Groundwater Quality

Based on the commonality of the localized lithology, the Long Island Creek Gneiss was identified as a potential source of fluoride in groundwater samples from GWC-32 and other nearby locations. Identification of a natural bedrock source of fluoride is supported by the following evidences from (A) fluoride analysis in rock samples and (B) the major ionic concentrations in groundwater for evaluation of the chemical composition of groundwater.

A. ACC obtained core samples from the plant and/or SCS storage of three distinct site lithologies: Long Island Creek Gneiss, schist/amphibolite and quartzite. Core sample fragments were shipped to TestAmerica Pensacola for analysis of fluoride by EPA Method 9056. It should be noted that this laboratory method only accounts for water soluble fluoride and not concentrations present in the rock matrix. The actual whole rock concentration of fluoride is likely to be much higher. The sample results are summarized in Table 1 and the laboratory analytical report is included in Appendix B, Laboratory Analytical Results & Purge Data Sheets.

TABLE 1. Rock sample fluoride concentrations.

Sample Identification	Fluoride Concentration (mg/Kg)
PB-3 Long Island Gneiss 56-57’	11
PB-4 Long Island Gneiss 49-50’	9.3
PB-8 Schist/Amphibolite 123-124’	<1.3
PB-9 Schist/Amphibolite 65-66’	3.4J
APC-5D Quartzite 90-91’	<1.3

Notes:
1. mg/Kg = milligrams per kilogram
2. “J” = reported concentration is less than laboratory reporting limit and considered estimated.

The results confirm that there is a significantly higher concentration of fluoride in the Long Island Creek Gneiss relative to other site lithologies that were analyzed. Therefore, wells screened in this unit may be more likely to produce detections of fluoride. Concentrations of fluoride are likely to be somewhat variable within the Long Island Creek Gneiss and wells screened in this formation may show different levels of fluoride in

groundwater. It is likely that GWC-32 is screened in a zone of slightly greater fluoride concentrations than the upgradient locations.

B. On March 15 -16, 2018 ACC personnel sampled GWA-28, GWA-29, GWC-27, GWC-31, and GWC-32 for a suite of cations (calcium, magnesium, sodium, and potassium) and anions (carbonate, bicarbonate, sulfate, and chloride). The samples were collected using standard site sampling techniques and submitted to TAL-Pensacola for analysis. The analytical data are presented as Piper Plot and Stiff Diagrams. As shown in Figure 11, Piper Plot for Cell 3 Monitoring Wells and Figure 12, Stiff Diagrams for Cell 3 Monitoring Wells, there are no significant differences in the major ionic concentrations of the samples (i.e. all are low level and indicative of background conditions). This indicates that the chemical composition of groundwater between upgradient and downgradient locations are relatively similar in the vicinity of Cell 3. Therefore, all of these locations appear to represent background conditions as would be anticipated with a cell that has not received waste. The laboratory report and field purge logs are provided in Appendix A.

2.3.5 Summary and Recommendations

The CCR unit is not the source of the fluoride SSI. The apparent source is natural variability in groundwater. Testing of the rock unit present beneath a portion of Cell 3, the Long Island Creek Gniess confirm that fluoride concentrations in this unit are higher than at least two other rock units present in other areas of the site. A Piper Plot and Stiff Diagrams confirm that there are no significant differences in cation/anion ratios between any of the Cell 3 wells tested. Cell 3 has yet to receive waste, therefore the geochemical similarity between all locations is consistent with what would be anticipated. Groundwater monitoring location GWC-32 should remain in detection monitoring based on the identification of the alternate source.

SECTION 3
Conclusions and Recommendations

The *2017 Annual Groundwater Monitoring and Corrective Action Report* was prepared to satisfy the requirements of §257.90(e). In that report SSIs were identified for three groundwater monitoring locations: GWC-9 (boron), GWC-14 (boron and chloride) and GWC-32 (fluoride). This ASD has identified the following sources for each location with a SSI:

- GWC-9
    - A source other than the CCR unit caused the SSI (no waste placement near the well; operational issue)
    - Natural variation in groundwater quality (drought condition)
- GWC-14
    - A source other than the CCR unit caused the SSI (operational issue and repair)
- GWC-32
    - A source other than the CCR unit caused the SSI (no waste placement near the well)
    - Natural variation in groundwater quality (natural occurrence in rock formation)

All locations have met the requirements for a demonstration listed in §257.94(e)(2). Therefore, all locations should remain in detection monitoring at this time. Detection monitoring results should continue to be presented in the Annual Groundwater Monitoring and Corrective Action Reports, as well as state semi-annual groundwater monitoring reports.

SECTION 4
References

ACC, Inc. *First 2018 Semiannual Groundwater Monitoring Report*, Plant Wansley CCB Disposal Facility, 2018.

ERM, Inc. *2017 Annual Groundwater Monitoring and Corrective Action Report,* Plant Wansley CCB Disposal Facility, 2018.

ERM, Inc. *Well Design, Installation, Development, and Decommissioning Report,* Plant Wansley CCB Disposal Facility, 2017.

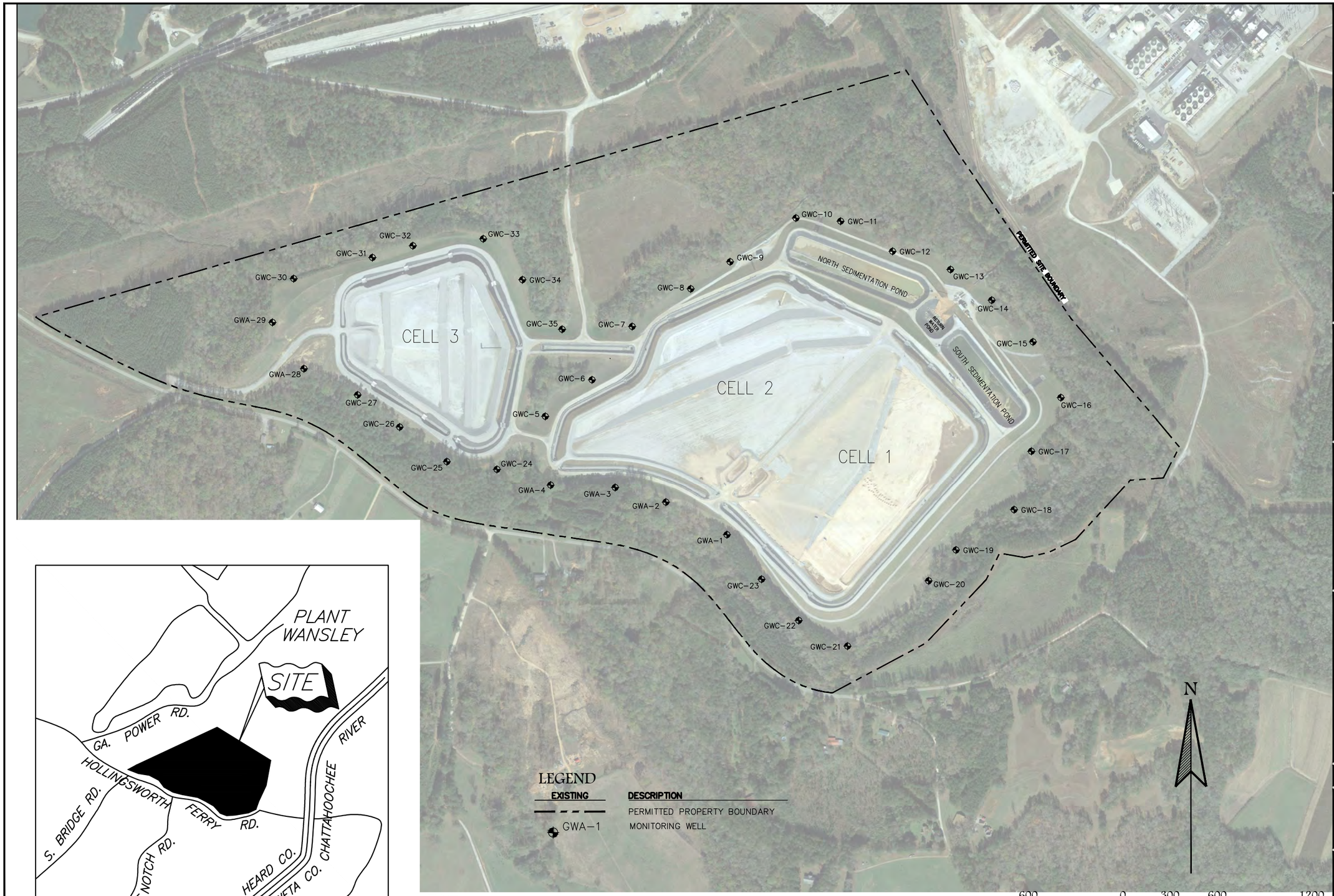
NOAA, http://w2.weather.gov, Peachtree City, Georgia National Weather Service Forecast Office.

Southern Company Generation Engineering and Construction Services, Design and Operation Plans, Plant Wansley Coal Combustion By-Product Disposal Facility, 2012.

Southern Company Services (SCS), *Alternate Source Demonstration for Plant Wansley Disposal Facility Groundwater Monitoring Network*, 2017.

University of Georgia Weather Network, http://www.georgiaweather.net, Plant Wansley station, Roopville, Georgia.

FIGURES



LOCATION MAP

ATLANTIC COAST CONSULTING, INC.
630 Colonial Park Dr.
Suite 110
Roswell, GA 30075
o 770.594.5998
www.atlcc.net

PROJECT:

PLANT WANSLEY CCB DISPOSAL FACILITY

1371 LIBERTY CHURCH ROAD
CARROLLTON, GEORGIA

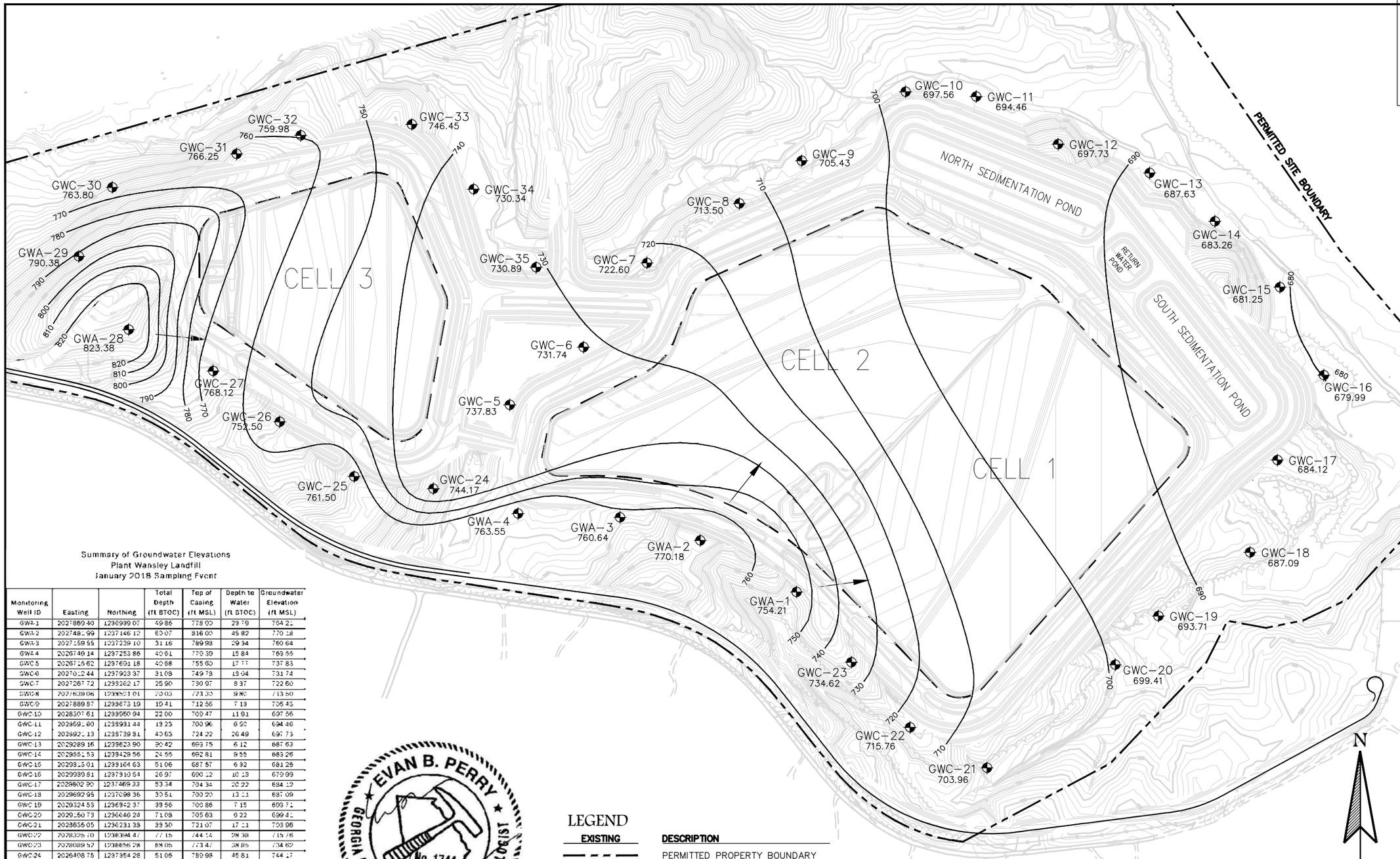
REVISIONS

Drawn by:	Checked by:
MM	EP

PROJECT NUMBER:
I054-110
March 2018

PLANT WANSLEY CCB LOCATION MAP

FIGURE 1



Summary of Groundwater Elevations
Plant Wansley Landfill
January 2018 Sampling Event

Monitoring Well ID	Easting	Northing	Total Depth (ft BTOC)	Top of Casing (ft MSL)	Depth to Water (ft BTOC)	Groundwater Elevation (ft MSL)
GWA-1	2027869.40	1236999.07	49.85	778.00	23.79	754.21
GWA-2	2027481.99	1237146.12	60.07	816.00	45.82	770.18
GWA-3	2027559.55	1237229.10	31.16	789.98	29.34	760.64
GWA-4	2026749.14	1237253.86	40.61	779.30	15.84	763.55
GWC-5	2026715.62	1237691.18	40.68	755.60	17.77	737.83
GWC-6	2027012.44	1237923.37	31.09	749.78	18.04	731.74
GWC-7	2027267.72	1238262.17	25.90	730.97	8.37	722.60
GWC-8	2027639.06	1238651.01	20.03	723.33	9.83	713.50
GWC-9	2027889.87	1238873.19	19.41	712.56	7.13	705.43
GWC-10	2028307.61	1239060.94	22.00	709.47	11.91	697.56
GWC-11	2028591.60	1239093.44	19.23	700.96	6.50	694.46
GWC-12	2028921.13	1238739.81	40.63	724.22	26.49	697.73
GWC-13	2029289.16	1238623.80	30.42	693.75	6.12	687.63
GWC-14	2029551.53	1238428.56	24.55	692.81	9.55	683.26
GWC-15	2029813.01	1238164.63	51.06	687.57	6.32	681.25
GWC-16	2029989.81	1237910.64	26.97	690.12	10.13	679.99
GWC-17	2029802.80	1237469.33	53.34	704.34	20.22	684.12
GWC-18	2029692.95	1237098.36	30.51	700.20	13.11	687.09
GWC-19	2029324.53	1236942.37	38.56	700.86	7.15	693.71
GWC-20	2029150.73	1236646.24	71.09	705.63	6.22	699.41
GWC-21	2028655.05	1236231.38	39.30	721.07	17.11	703.96
GWC-22	2028325.10	1236384.47	77.15	744.14	28.38	715.76
GWC-23	2028089.57	1236656.28	89.05	773.47	38.85	734.62
GWC-24	2026408.75	1237354.28	51.05	789.98	45.81	744.17
GWC-25	2026090.21	1237403.21	61.23	812.21	50.61	761.50
GWC-26	2025790.83	1237629.36	59.45	785.42	32.92	752.50
GWC-27	2025523.37	1237827.60	70.85	814.07	45.95	768.12
GWA-28	2025183.25	1237994.26	45.78	849.03	25.65	823.38
GWA-29	2024982.80	1238298.64	57.13	834.70	44.32	790.38
GWC-30	2025117.63	1238566.13	49.68	791.03	27.23	763.80
GWC-31	2025617.90	1238700.50	39.02	797.54	31.29	766.25
GWC-32	2025875.12	1238775.08	31.05	785.22	25.24	759.98
GWC-33	2026322.02	1238919.31	23.99	760.03	13.58	746.45
GWC-34	2026570.59	1238558.84	51.25	735.09	4.75	730.34
GWC-35	2026822.26	1238244.48	40.78	730.89	8.51	730.89

Notes: Depths to water measured on January 15, 2018
ft MSL = feet mean sea level
ft BTOC = feet below top of casing

EVAN B. PERRY
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST
No. 1744

LEGEND

EXISTING	DESCRIPTION
	PERMITTED PROPERTY BOUNDARY
	APPROXIMATE WASTE LIMITS
	EXISTING PROMINENT CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED PROMINENT CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	ACCESS ROAD
	GRAVEL ROAD
GWA-1 754.21	MONITORING WELL GROUNDWATER ELEVATION
720 720	GROUNDWATER ELEVATION CONTOUR
	GROUNDWATER FLOW DIRECTION

ATLANTIC COAST CONSULTING, INC.
630 Colonial Park Dr.
Suite 110
Roswell, GA 30075
o 770.594.5998
www.atlcc.net

PROJECT:
PLANT WANSLEY
CCB DISPOSAL
FACILITY

1371 LIBERTY CHURCH ROAD
CARROLLTON, GEORGIA

REVISIONS

Drawn by: MM
Checked by: EP

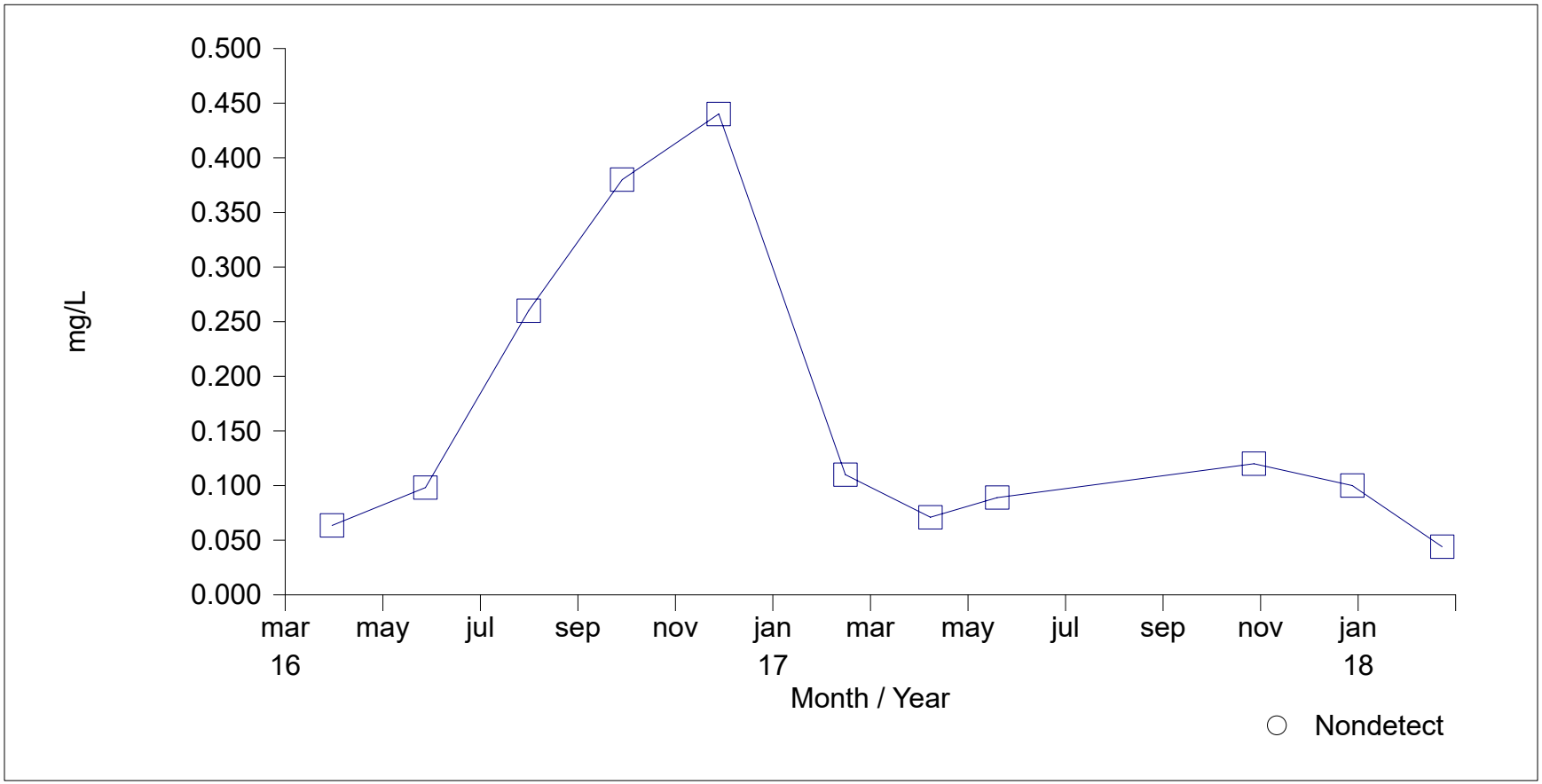
PROJECT NUMBER:
1054-110
March 2018

JANUARY 2018 POTENTIOMETRIC SURFACE MAP

FIGURE 2

FIGURE 3

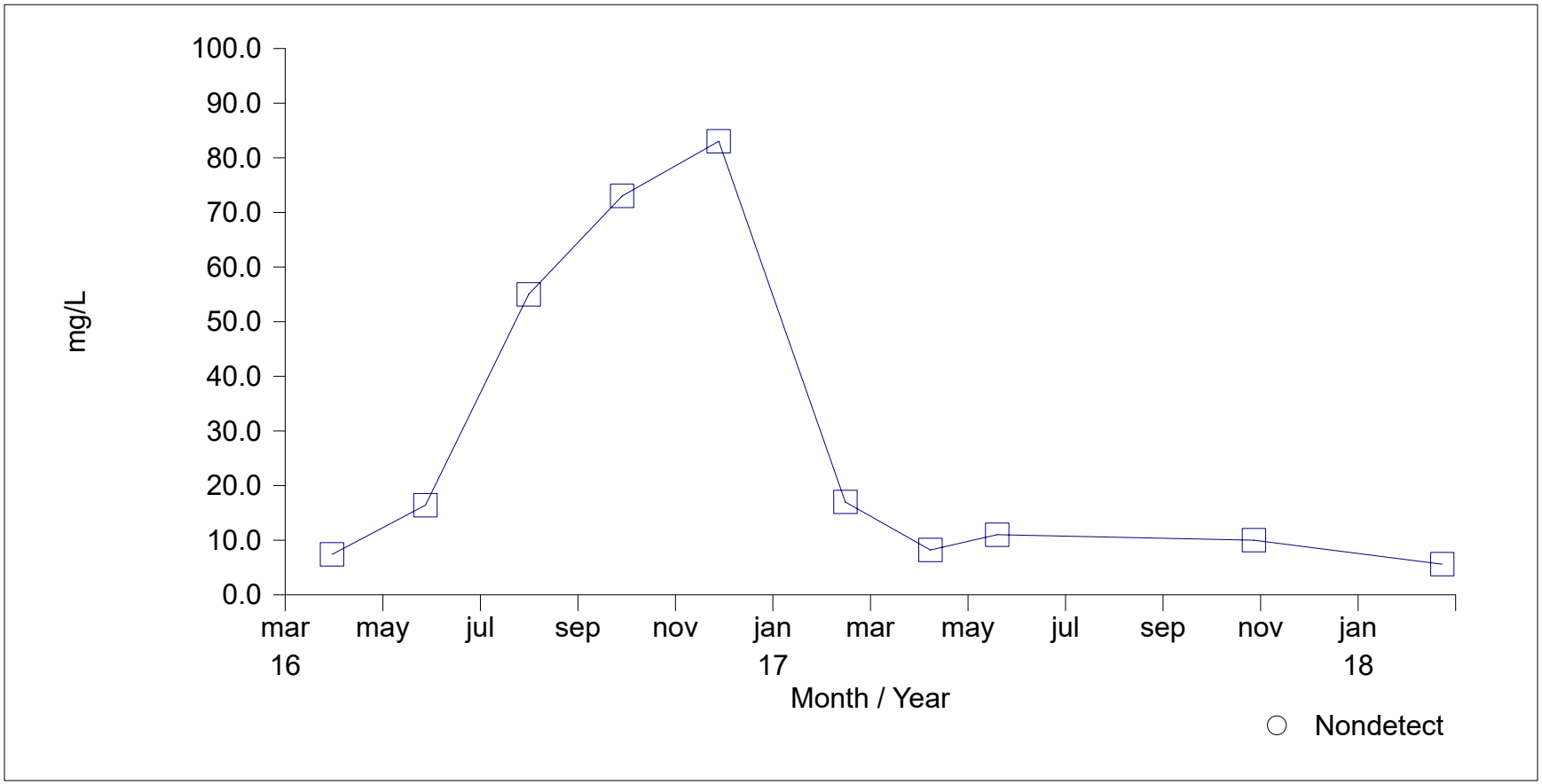
Boron Time Series Plot for GWC-9



Prepared by: Atlantic Coast Consulting, Inc.

FIGURE 4

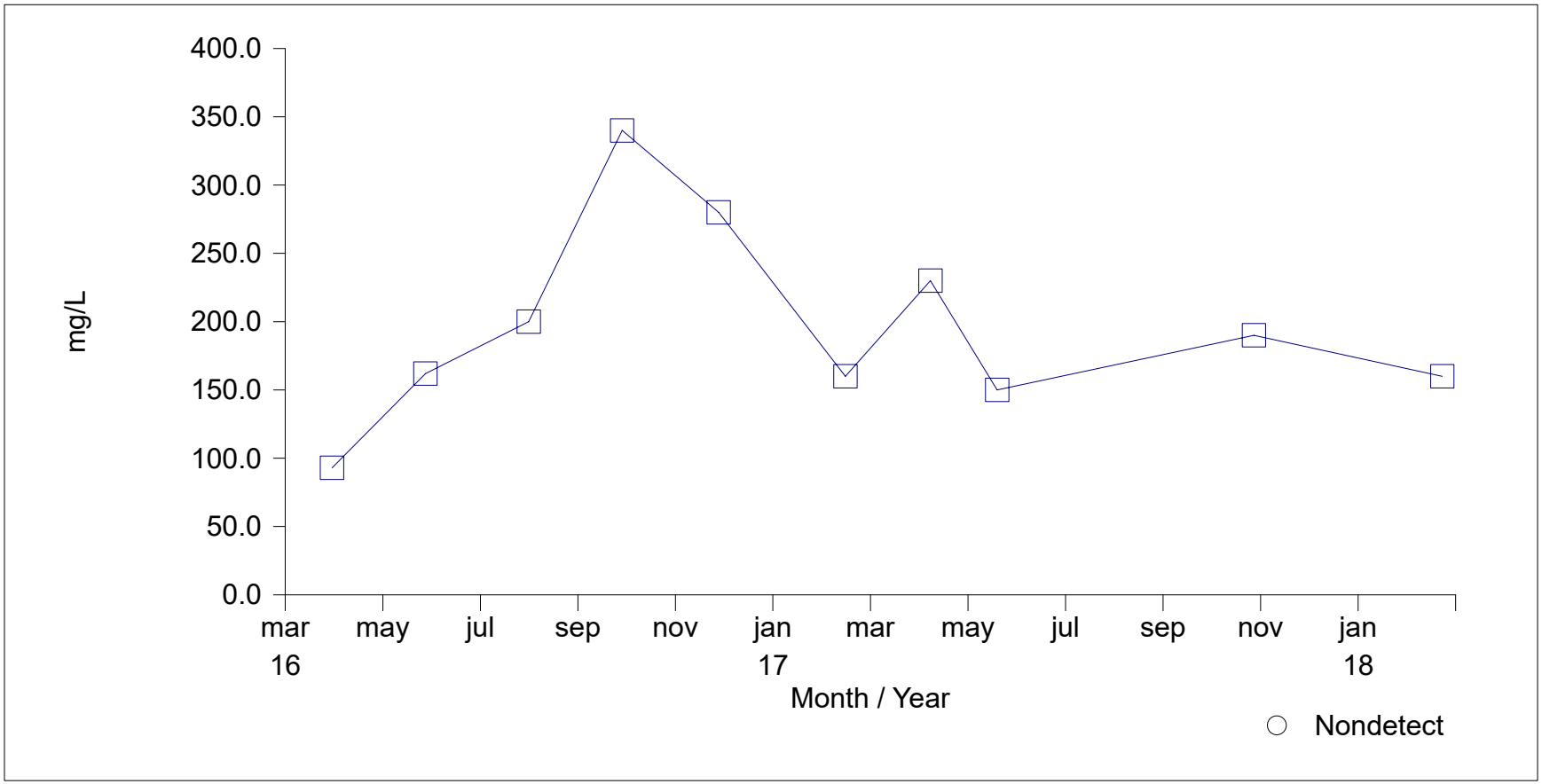
Chloride Time Series Plot for GWC-9



Prepared by: Atlantic Coast Consulting, Inc.

FIGURE 5

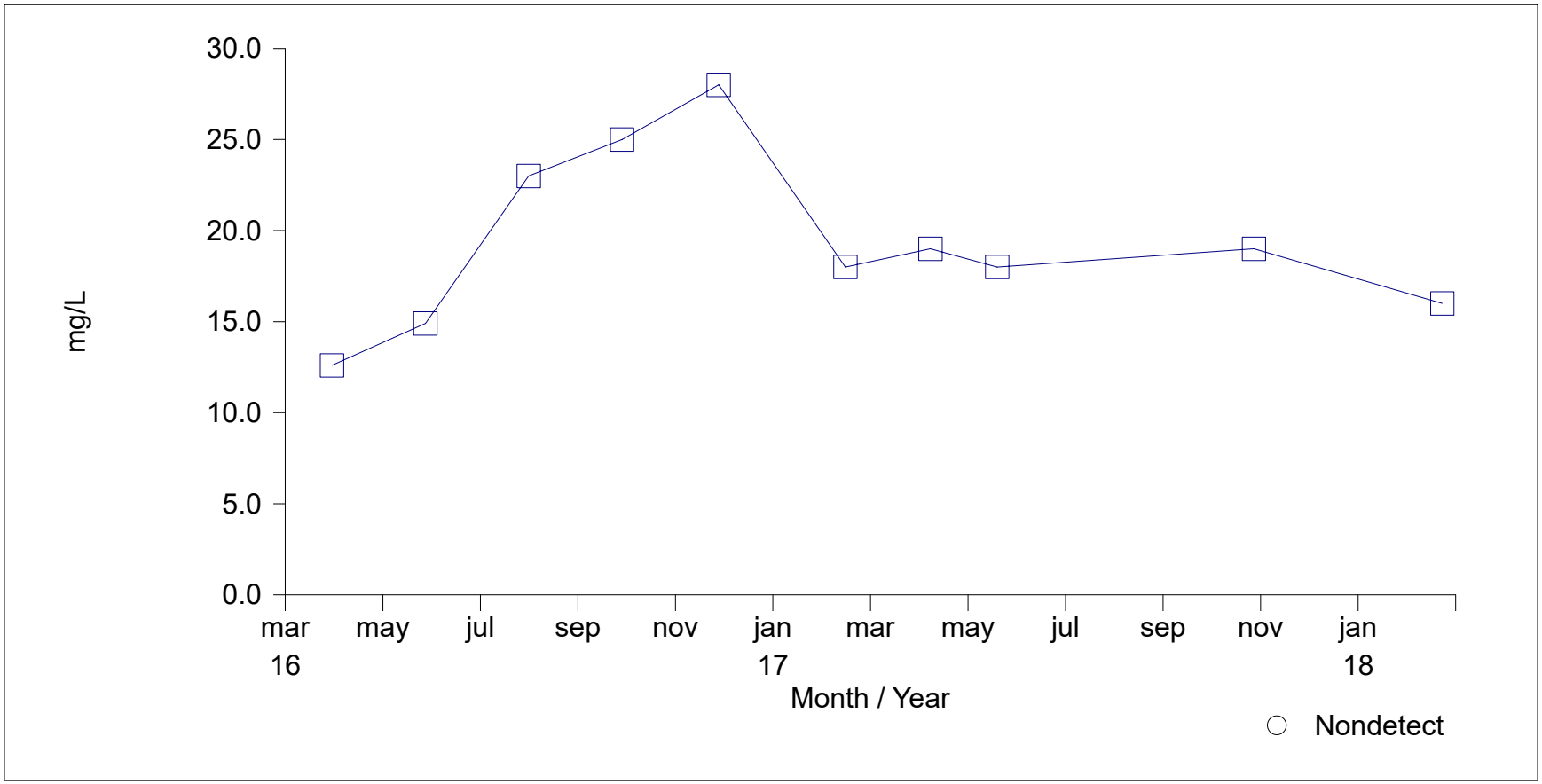
TDS Time Series Plot for GWC-9



Prepared by: Atlantic Coast Consulting, Inc.

FIGURE 6

Calcium Time Series Plot for GWC-9



Prepared by: Atlantic Coast Consulting, Inc.

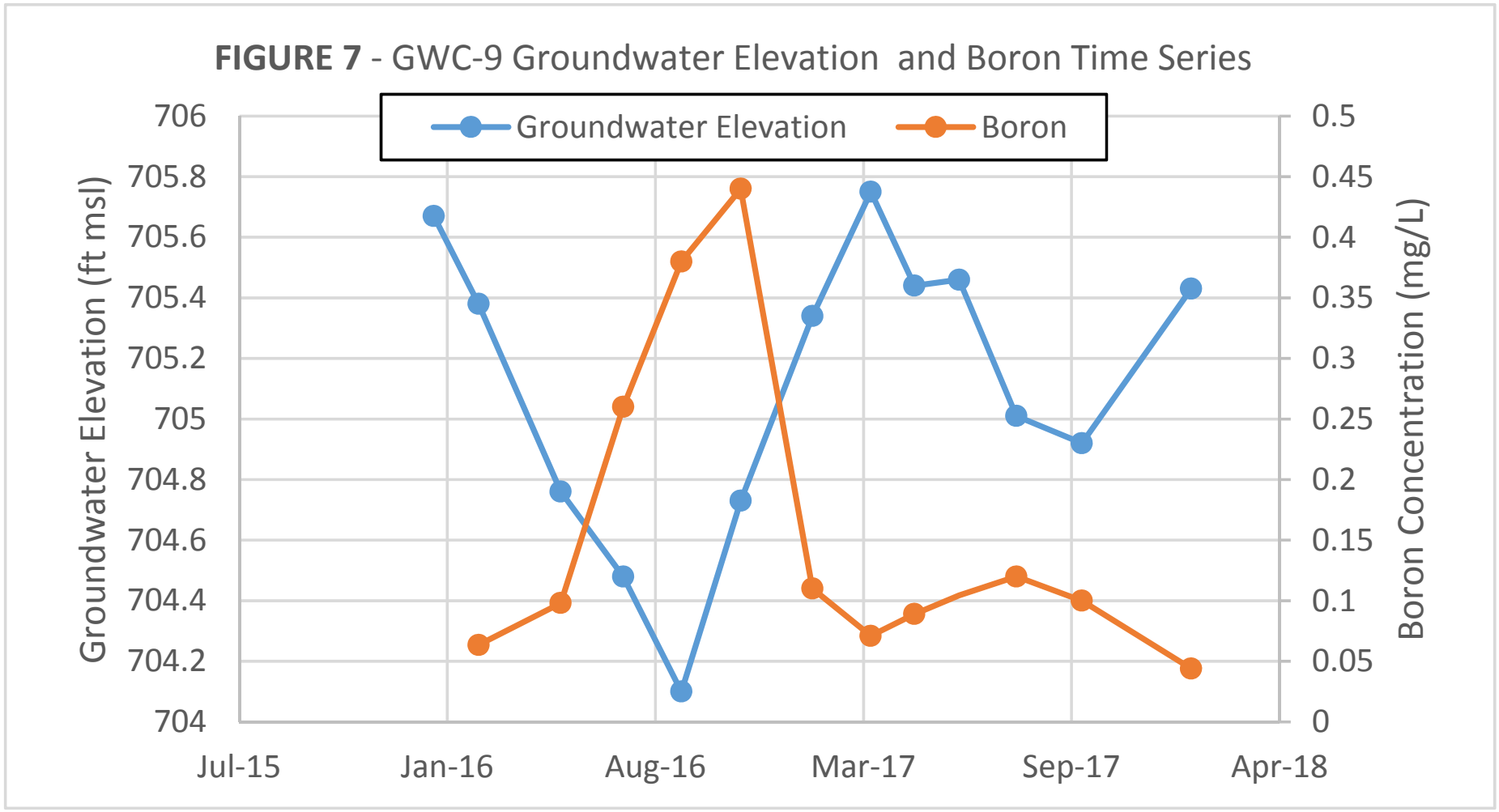
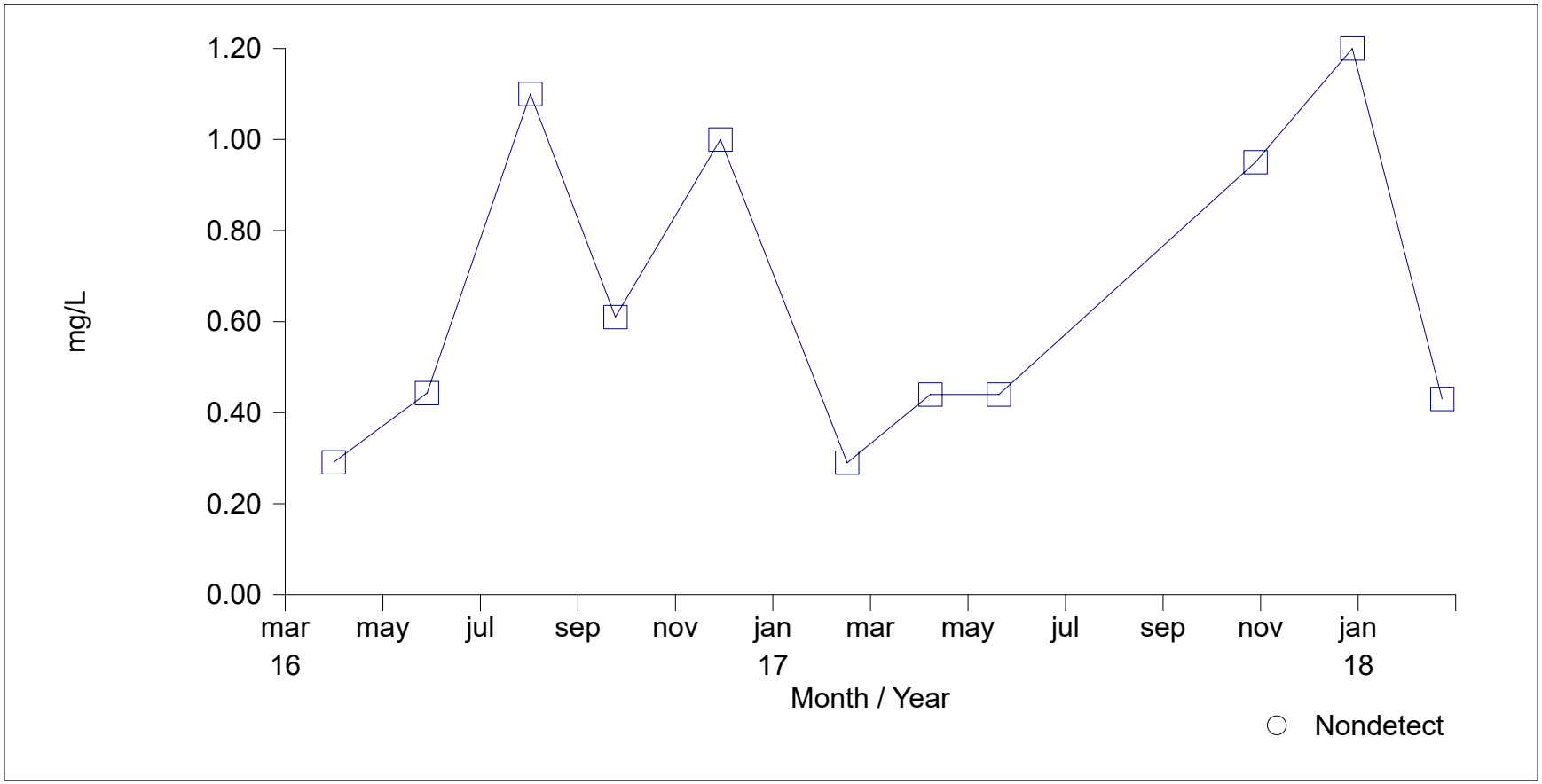

FIGURE 7 - GWC-9 Groundwater Elevation and Boron Time Series
Groundwater Elevation
Boron
Groundwater Elevation (ft msl)
Boron Concentration (mg/L)
706
705.8
705.6
705.4
705.2
705
704.8
704.6
704.4
704.2
704
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Jul-15
Jan-16
Aug-16
Mar-17
Sep-17
Apr-18

FIGURE 8

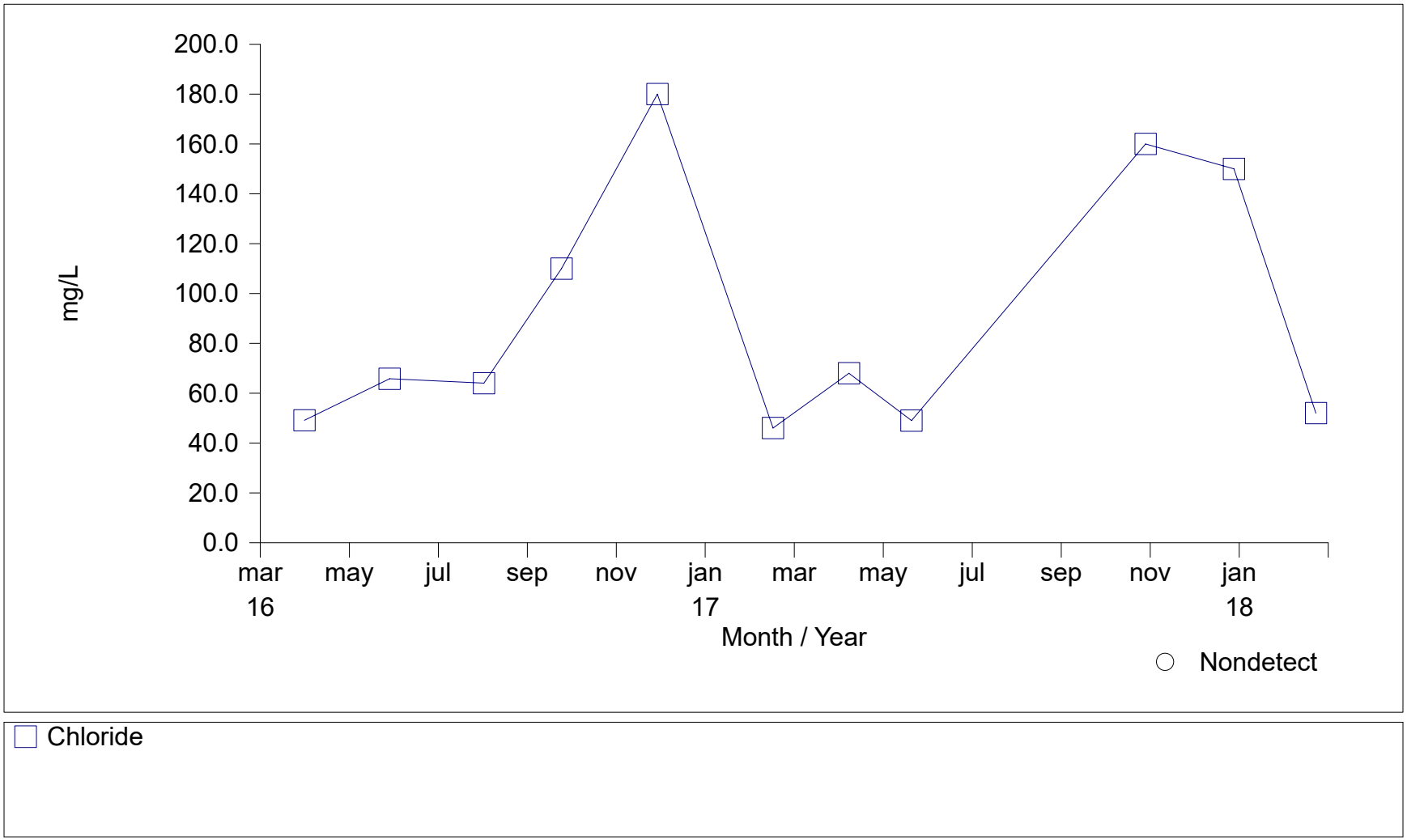
Boron Time Series Plot for GWC-14



Prepared by: Atlantic Coast Consulting, Inc.

FIGURE 9

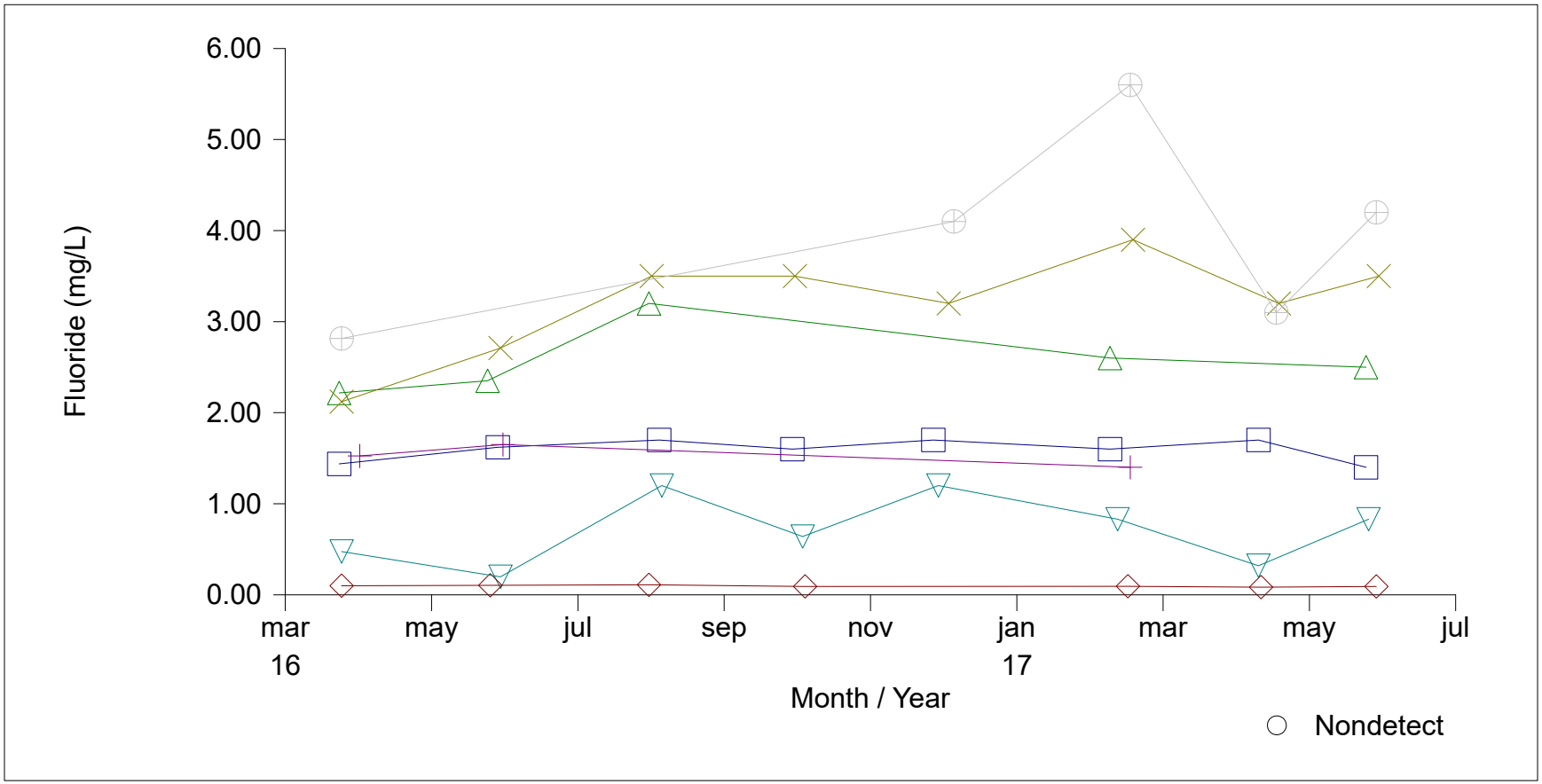
Chloride Time Series Plot for GWC-14



Prepared by: Atlantic Coast Consulting, Inc.

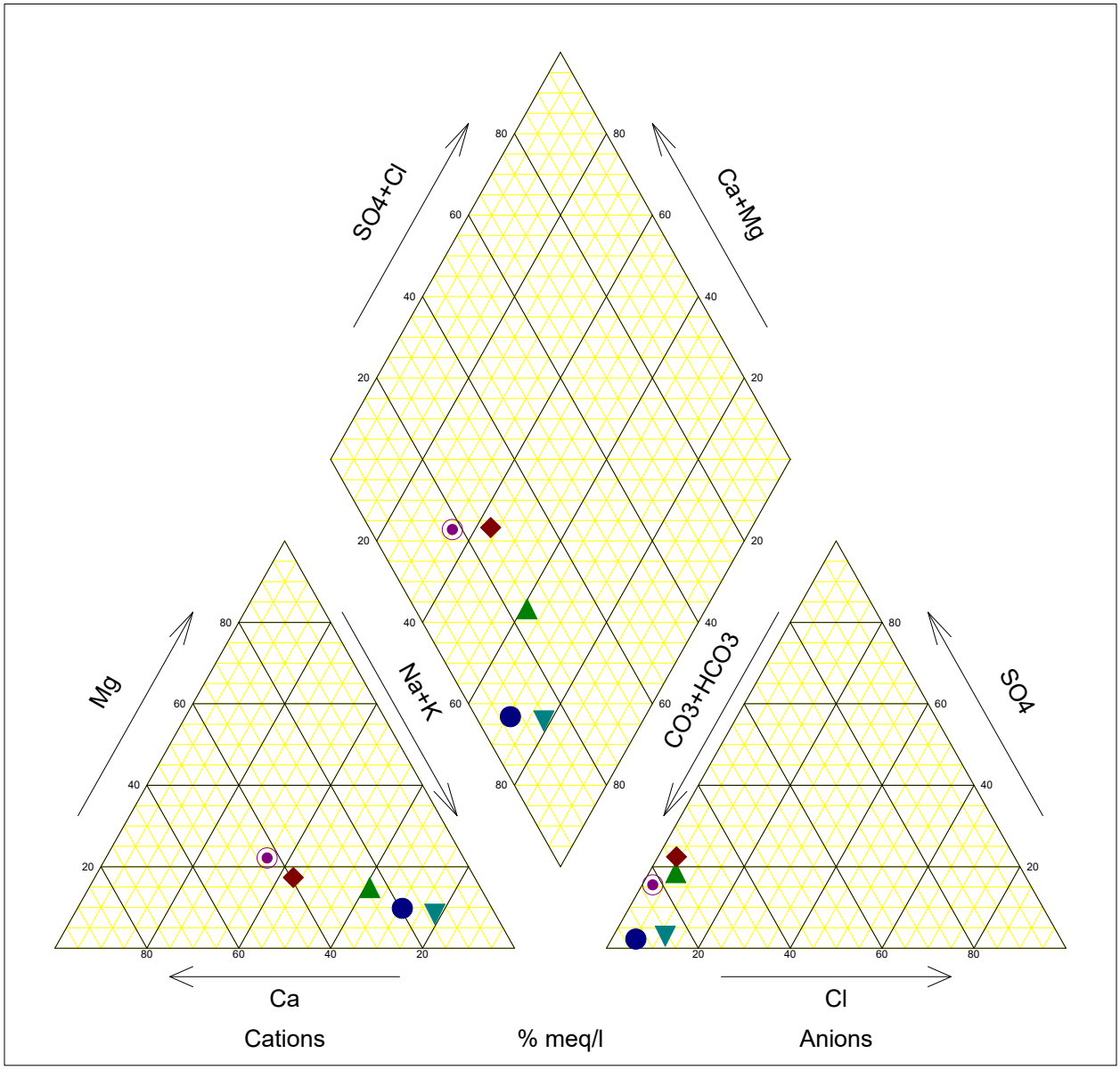
FIGURE 10

Fluoride Time Series Plot for Cell 3 Monitoring Wells



Prepared by: Atlantic Coast Consulting, Inc.

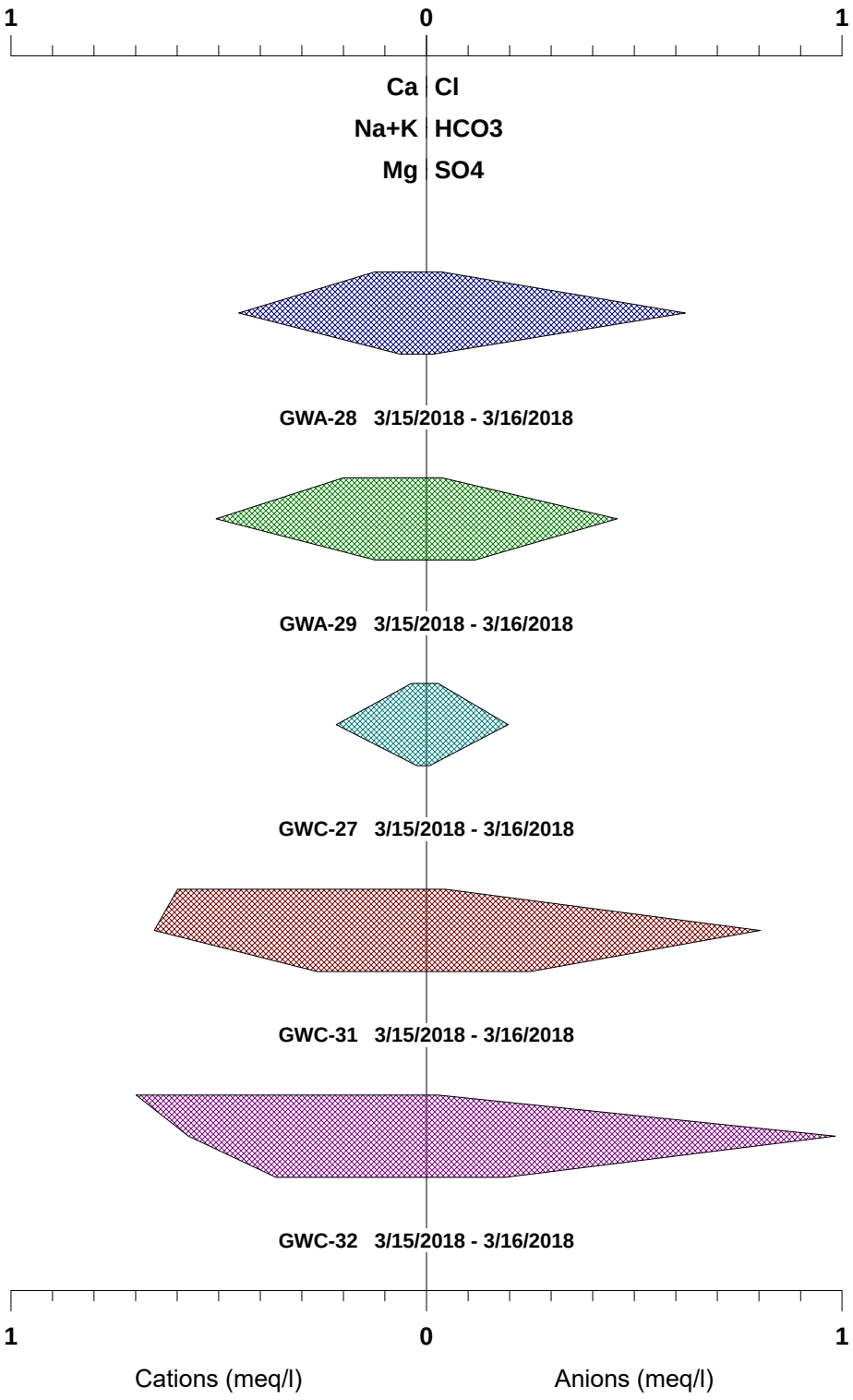
FIGURE 11
Piper Plot for Cell 3 Monitoring Wells



●	GWA-28	3/15/2018 - 3/16/2018
▲	GWA-29	3/15/2018 - 3/16/2018
▼	GWC-27	3/15/2018 - 3/16/2018
◆	GWC-31	3/15/2018 - 3/16/2018
◉	GWC-32	3/15/2018 - 3/16/2018

Prepared by: Atlantic Coast Consulting, Inc.

FIGURE 12
Stiff Diagrams for Cell 3 Monitoring Wells



Prepared by: Atlantic Coast Consulting, Inc.

ATTACHMENT A – Boring Logs

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/16/2011 COMPLETED 2/16/2011 SURF. ELEV. Not Surveyed COORDINATES:
CONTRACTOR Boart Longyear EQUIPMENT METHOD Rotosonic
DRILLED BY LOGGED BY C. Sellers CHECKED BY ANGLE BEARING
BORING DEPTH 68 ft. GROUND WATER DEPTH: DURING COMP. DELAYED
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	HCL REACTION (Weak / Moderate / Strong)	COMMENTS
		Silty Sand (SM) - red (10R 5/6) dry		
		(PWR) - white (10YR 8/1)		
5		**Silty Sand (SM)** - red (10R 5/6)		
		Clayey Sand (SC) - red (10R 5/6)		
10		**Silty Sand (SM)** - red (10R 5/6) micaceous		
15		**(PWR)** - red (10R 5/6) saprolite 0.5" white layer at 16.5'		
20		**Silty Sand (SM)** - yellowish brown / moderate yellowish brown (10YR 5/4) micaceous with red streaks		
25		**(PWR)** - yellowish brown / moderate yellowish brown (10YR 5/4) saprolite trace gravel		
30		**(PWR)** - red (10R 5/6) saprolite damp		
35		**(PWR)** - yellowish brown / moderate yellowish brown (10YR 5/4) saprolite damp		
40				

SIMPLE GEOLOGY LOG - ESEE DATABASE.GDT - 11/9/11 15:55 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

(Continued Next Page)

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	HCL REACTION (Weak / Moderate / Strong)	COMMENTS
		(PWR) *(Con't)*		
45		**(PWR)** - white (2.5Y 8/1) dry		
		(PWR) - yellowish brown / moderate yellowish brown (10YR 5/4) saprolite damp		
50		**(PWR)** - yellow (10YR 7/6) saprolite damp		
55		**(PWR)** - yellowish brown / moderate yellowish brown (10YR 5/4) saprolite damp		
60		**(PWR)** - yellowish brown / moderate yellowish brown (10YR 5/4) saprolite wet, with gravel		
65		**GNEISS**		
		Bottom of borehole at 68.0 feet.		
70				
75				
80				
85				

SIMPLE GEOLOGY LOG - ESEE DATABASE.GDT - 11/9/11 15:55 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

BORING GWA-28
PAGE 1 OF 1

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/22/2011 **COMPLETED** 2/22/2011 **SURF. ELEV.** Not Surveyed **COORDINATES:**
CONTRACTOR Boart Longyear **EQUIPMENT** **METHOD** Rotosonic
DRILLED BY **LOGGED BY** G. Dyer **CHECKED BY** **ANGLE** **BEARING**
BORING DEPTH 43 ft. **GROUND WATER DEPTH: DURING** **COMP.** **DELAYED** 19.4 ft. after 24 hrs.
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	SAMPLE DEPTH (ft.)	BLOW COUNTS (N VALUE)	RECOVERY % (RQD)	COMMENTS
		Silty Sand (SM) - orange, damp, low plasticity, w/ gravel sized pieces of quartz - quartz is angular - sample is weathered from schist, some clay found (approximately 10%), micas weathering to white clay minerals					
5		- orange, slightly damp, orange grading down to white; fewer clay minerals (approximately 5%), sediment is less consolidated than 0' - 4' section. white material is highly weathered schist, relic cleavages and foliations can barely be discerned					no quartz, orange grades to white.
		Schist					perched 8' - 10' H2O.
10		- white, tan, has weathered to medium grained sands w/ less than 10% silt, wet					
		- mottled tan, brown, weathered, coarse sand to gravel sized, poorly sorted and graded, gravel sized pieces are structually intact schist. grades to more tan, sand and gravel sized regolith, preferential bands of more competent schist found (dark), dry					
15							
		- banded tan, orange, white, weathered, coarse sand to gravel sized, white sediments contain larger fragments of schist, dry					tan. orange. white/grey.
		Silty Sand (SM)					
20		- tan, wet, medium grain					
		Poorly-graded Sand (SP) - mottled white, tan, orange, dry, fine to medium grain, w/ angular, gravel sized schist fragments					
25		**Silty Sand (SM)** - mottled tan, white, dry, clay particles present less than 2%, angular gravel to boulder sized fragments of schist					
		Partially Weathered Rock					
30		- brown, orange, saprolite (schist/gneiss contact), zoned					
		Gneiss - banded grey, white, competent, relic structures and foliations intact, sugary pegmatic quartz coating on cuttings, prevalent zones of oxidation suggesting fractures, fractures identified parallel to cleavage planes					last 10' drilled w/ water.
35							
40							
45		Bottom of borehole at 43.0 feet.					

GEOTECH ENGINEERING LOGS - ESEE DATABASE.GDT - 11/9/11 15:48 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

BORING GWA-29
PAGE 1 OF 1

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 6/21/2011 **COMPLETED** 6/26/2011 **SURF. ELEV.** Not Surveyed **COORDINATES:**
CONTRACTOR SCS Field Services **EQUIPMENT** 550X **METHOD** 3 1/4" Hollow Stem Auger; HQ Casing; HQ Rock Core
DRILLED BY **LOGGED BY** B. Gallagher/D. Brook **CHECKED BY** **ANGLE** **BEARING**
BORING DEPTH 54.7 ft. **GROUND WATER DEPTH: DURING** **COMP.** **DELAYED** 39.8 ft. after 1 hrs.
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	SAMPLE DEPTH (ft.)	BLOW COUNTS (N VALUE)	RECOVERY % (RQD)	COMMENTS
		Sandy Silt (ML) - brown, damp					
		Silty Sand (SM) - tan, damp					
		Poorly-graded Sand (SP)					
10		- tand and white, damp **Gneiss** - gray and pink, medium to fine grain, soft, highly weathered - quartz bands at 10.6 ft - stained joint at 11 ft - medium hard, slightly weathered, slightly stained below 11.5 ft - stained joint at 13.2 ft - stained joint at 13.7 ft	RC -1	9.5-14.7	WR-WR-WR (0)	96 (17)	Auger Refusal at 9.5 ft.
20		- hard, slightly weathered, below 15.2 ft - 9 stained joints from 15.7 to 19.7 ft - hard, not weathered, below 19.7 ft - 3 partially healed, slightly stained joints from 20.9 to 24.6 ft	RC -2	14.7-19.7	WR-WR-WR (0)	100 (52)	
		- hard, slightly weathered, below 24.3 ft - soft to hard, highly to slightly weathered, with 11 weathered, stained joints from 24.7 to 26.5 ft - hard, slightly weathered, below 26.5 ft	RC -3	19.7-24.7	WR-WR-WR (0)	100 (96)	
30		- slightly weathered, stained joints from 29.7 to 34.7	RC -4	24.7-29.7	WR-WR-WR (0)	100 (42)	
			RC -5	29.7-34.7	WR-WR-WR (0)	100 (74)	
		- healed fractures broken by coring from 33.7 to 34.7 ft - high-angle joint with dry gray clay coating from 35.9 to 36.5 - stained, healed, high-angle joint from 37.2 to 37.7	RC -6	34.7-39.7	WR-WR-WR (0)	100 (60)	
40		- stained, high-angle joint from 38.7 to 39.7 - heavily stained, high-angle joint at 41.7 ft	RC -7	39.7-44.7	WR-WR-WR (0)	100 (68)	Lost circulation at 39.5 ft. 50% return begining at 40 ft. Lost circulation at 40.5 ft.
		- heavily stained, high-angle joint at 43.7 ft - heavily stained, high-angle joint at 44.2 ft	RC -8	44.7-49.7	WR-WR-WR (0)	90 (16)	
50			RC -9	49.7-54.7	WR-WR-WR (0)		
		Bottom of borehole at 54.7 feet.					
60							

GEOTECH ENGINEERING LOGS - ESEE DATABASE.GDT - 11/9/11 15:48 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

BORING GWC-31
PAGE 1 OF 1

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 6/20/2011 **COMPLETED** 6/21/2011 **SURF. ELEV.** Not Surveyed **COORDINATES:**
CONTRACTOR SCS Field Services **EQUIPMENT** 550X **METHOD** 3 1/4" Hollow Stem Auger; HQ Casing; HQ Rock Core
DRILLED BY **LOGGED BY** B. Gallagher **CHECKED BY** **ANGLE** **BEARING**
BORING DEPTH 34.2 ft. **GROUND WATER DEPTH: DURING** **COMP.** **DELAYED**
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	SAMPLE DEPTH (ft.)	BLOW COUNTS (N VALUE)	RECOVERY % (RQD)	COMMENTS
		Silty Sand (SM) - brown, damp, medium dense, fine grain					
		Sandy Silt (ML) - tan, damp, medium dense					
5		**Gneiss** - pink and white, medium to fine grain, hard, slightly weathered, granitoid; with 7 stained slightly weathered joints from 4.7 to 7.4 ft. - 0.25" quartz vein at 5.9 ft. - 4 coated joints from 7.4 to 9.2 ft.	RC -1	4.7-9.2	WR-WR-WR (0)	96 (49)	Auger refusal at 4.7 ft.
10		- stained, semi-vertical joint from 11.6 to 12.2 ft.	RC -2	9.2-14.2	WR-WR-WR (0)	100 (84)	
15		- pink and gray, no weathering below 14.2 ft - horizontal, slightly weathered joint at 14.8 ft - horizontal, slightly weathered joint at 15.2 ft - sub-horizontal, slightly weathered joint at 17.6 ft - sub-horizontal, slightly weathered joint at 18.4 ft	RC -3	14.2-19.2	WR-WR-WR (0)	100 (86)	
20		- slighty weathered, stained joint at 20 ft - slightly weathered with 0.1 ft quartz lens from 21 to 21.5 ft - healed joint at 22.2 ft.	RC -4	19.2-24.2	WR-WR-WR (0)	100 (90)	Lost Circulation at 21 ft.
25		- slighty weathered, stained joint at 23.9 ft - slighty weathered, stained joint at 25.4 ft - slightly weathered from 26.2 to 26.7 ft - slighty weathered, stained joint at 27.2 ft	RC -5	24.2-29.2	WR-WR-WR (0)	100 (88)	
30		- slightly weathered from 30.3 to 31.9 ft - slightly weathered, medium hard joint at 31.3 ft. - stained, near vertical joint from 32.2 to 32.5 ft.	RC -6	29.2-34.2	WR-WR-WR (0)	100 (76)	
35		Bottom of borehole at 34.2 feet.					
40							

GEOTECH ENGINEERING LOGS - ESEE DATABASE.GDT - 11/9/11 15:48 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/18/2011 COMPLETED 2/18/2011 SURF. ELEV. Not Surveyed COORDINATES:
CONTRACTOR Boart Longyear EQUIPMENT METHOD Rotosonic
DRILLED BY LOGGED BY C. Sellers CHECKED BY ANGLE BEARING
BORING DEPTH 30 ft. GROUND WATER DEPTH: DURING COMP. DELAYED
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	HCL REACTION (Weak / Moderate / Strong)	COMMENTS
		Clayey Sand (SC) - light red / moderate reddish orange (10R 6/6)		
5		**Clayey Sand (SC)** - weak red / pale reddish brown (10R 5/4) with weathered SCHIST gravel		
10		**Clayey Sand (SC)** - yellowish brown / moderate yellowish brown (10YR 5/4) damp		
		Clayey Sand (SC) - brown (7.5YR 4/2) damp		
15		**Silty Sand (SM)** - light gray (10YR 7/1) with large SCHIST gravel		
20		**SCHIST** - and gray (10YR 5/1) slightly weathered, heavy red stain		
25				
30		**GNEISS** - and gray (10YR 5/1)		
		Bottom of borehole at 30.0 feet.		
35				
40				

SIMPLE GEOLOGY LOG - ESEE DATABASE.GDT - 11/9/11 15:55 - T:\ESEE MAJOR PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

ATTACHMENT B – Laboratory Analytical Reports & Purge Data Sheets

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-150978-1
TestAmerica Sample Delivery Group: ASD
Client Project/Site: Plant Wansley

For:
Southern Company
PO BOX 2641 GSC8
Birmingham, Alabama 35291

Attn: Joju Abraham

Cheyenne R Whitmire

Authorized for release by:
3/23/2018 2:59:33 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Detection Summary

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

Client Sample ID: PB-3 LONG ISLAND GNEISS 56-57' — Lab Sample ID: 400-150978-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	11		4.1	1.3	mg/Kg	1		9056	Soluble

Client Sample ID: PB-4 LONG ISLAND GNEISS 49-50' — Lab Sample ID: 400-150978-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	9.3		3.9	1.3	mg/Kg	1		9056	Soluble

Client Sample ID: PB-8 SCHIST/AMPHIBOLITE 123-124' — Lab Sample ID: 400-150978-3

No Detections.

Client Sample ID: PB-9 SCHIST/AMPHIBOLITE 65-66' — Lab Sample ID: 400-150978-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	3.4	J	3.9	1.3	mg/Kg	1		9056	Soluble

Client Sample ID: APC-5D QUARTZITE 90-91' — Lab Sample ID: 400-150978-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

Method	Method Description	Protocol	Laboratory
9056	Anions, Ion Chromatography	SW846	TAL PEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-150978-1	PB-3 LONG ISLAND GNEISS 56-57'	Solid	03/16/18 09:55	03/17/18 08:24
400-150978-2	PB-4 LONG ISLAND GNEISS 49-50'	Solid	03/16/18 10:00	03/17/18 08:24
400-150978-3	PB-8 SCHIST/AMPHIBOLITE 123-124'	Solid	03/16/18 10:05	03/17/18 08:24
400-150978-4	PB-9 SCHIST/AMPHIBOLITE 65-66'	Solid	03/16/18 10:10	03/17/18 08:24
400-150978-5	APC-5D QUARTZITE 90-91'	Solid	03/16/18 10:15	03/17/18 08:24

Client Sample ID: PB-3 LONG ISLAND GNEISS 56-57'
Lab Sample ID: 400-150978-1
Date Collected: 03/16/18 09:55
Matrix: Solid
Date Received: 03/17/18 08:24

Method: 9056 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	11		4.1	1.3	mg/Kg			03/22/18 00:17	1

Client Sample ID: PB-4 LONG ISLAND GNEISS 49-50'
Lab Sample ID: 400-150978-2
Date Collected: 03/16/18 10:00
Matrix: Solid
Date Received: 03/17/18 08:24

Method: 9056 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	9.3		3.9	1.3	mg/Kg			03/22/18 01:26	1

Client Sample ID: PB-8 SCHIST/AMPHIBOLITE 123-124'
Lab Sample ID: 400-150978-3
Date Collected: 03/16/18 10:05
Matrix: Solid
Date Received: 03/17/18 08:24

Method: 9056 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<1.3		4.0	1.3	mg/Kg			03/22/18 01:48	1

Client Sample ID: PB-9 SCHIST/AMPHIBOLITE 65-66'
Lab Sample ID: 400-150978-4
Date Collected: 03/16/18 10:10
Matrix: Solid
Date Received: 03/17/18 08:24

Method: 9056 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	3.4	J	3.9	1.3	mg/Kg			03/22/18 02:11	1

Client Sample ID: APC-5D QUARTZITE 90-91'
Lab Sample ID: 400-150978-5
Date Collected: 03/16/18 10:15
Matrix: Solid
Date Received: 03/17/18 08:24

Method: 9056 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<1.3		4.1	1.3	mg/Kg			03/22/18 02:34	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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

Client Sample ID: PB-3 LONG ISLAND GNEISS 56-57'
Lab Sample ID: 400-150978-1
Date Collected: 03/16/18 09:55
Matrix: Solid
Date Received: 03/17/18 08:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			390993	03/21/18 17:04	TAJ	TAL PEN
Soluble	Analysis	9056		1	391064	03/22/18 00:17	TAJ	TAL PEN

Client Sample ID: PB-4 LONG ISLAND GNEISS 49-50'
Lab Sample ID: 400-150978-2
Date Collected: 03/16/18 10:00
Matrix: Solid
Date Received: 03/17/18 08:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			390993	03/21/18 17:04	TAJ	TAL PEN
Soluble	Analysis	9056		1	391064	03/22/18 01:26	TAJ	TAL PEN

Client Sample ID: PB-8 SCHIST/AMPHIBOLITE 123-124'
Lab Sample ID: 400-150978-3
Date Collected: 03/16/18 10:05
Matrix: Solid
Date Received: 03/17/18 08:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			390993	03/21/18 17:04	TAJ	TAL PEN
Soluble	Analysis	9056		1	391064	03/22/18 01:48	TAJ	TAL PEN

Client Sample ID: PB-9 SCHIST/AMPHIBOLITE 65-66'
Lab Sample ID: 400-150978-4
Date Collected: 03/16/18 10:10
Matrix: Solid
Date Received: 03/17/18 08:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			390993	03/21/18 17:04	TAJ	TAL PEN
Soluble	Analysis	9056		1	391064	03/22/18 02:11	TAJ	TAL PEN

Client Sample ID: APC-5D QUARTZITE 90-91'
Lab Sample ID: 400-150978-5
Date Collected: 03/16/18 10:15
Matrix: Solid
Date Received: 03/17/18 08:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			390993	03/21/18 18:05	TAJ	TAL PEN
Soluble	Analysis	9056		1	391064	03/22/18 02:34	TAJ	TAL PEN

Laboratory References:
TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

HPLC/IC

Leach Batch: 390993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150978-1	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	DI Leach	
400-150978-2	PB-4 LONG ISLAND GNEISS 49-50'	Soluble	Solid	DI Leach	
400-150978-3	PB-8 SCHIST/AMPHIBOLITE 123-124'	Soluble	Solid	DI Leach	
400-150978-4	PB-9 SCHIST/AMPHIBOLITE 65-66'	Soluble	Solid	DI Leach	
400-150978-5	APC-5D QUARTZITE 90-91'	Soluble	Solid	DI Leach	
MB 400-390993/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-390993/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 400-390993/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
400-150978-1 MS	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	DI Leach	
400-150978-1 MSD	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	DI Leach	

Analysis Batch: 391064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150978-1	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	9056	390993
400-150978-2	PB-4 LONG ISLAND GNEISS 49-50'	Soluble	Solid	9056	390993
400-150978-3	PB-8 SCHIST/AMPHIBOLITE 123-124'	Soluble	Solid	9056	390993
400-150978-4	PB-9 SCHIST/AMPHIBOLITE 65-66'	Soluble	Solid	9056	390993
400-150978-5	APC-5D QUARTZITE 90-91'	Soluble	Solid	9056	390993
MB 400-390993/1-A	Method Blank	Soluble	Solid	9056	390993
LCS 400-390993/2-A	Lab Control Sample	Soluble	Solid	9056	390993
LCSD 400-390993/3-A	Lab Control Sample Dup	Soluble	Solid	9056	390993
400-150978-1 MS	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	9056	390993
400-150978-1 MSD	PB-3 LONG ISLAND GNEISS 56-57'	Soluble	Solid	9056	390993

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 400-390993/1-A
Matrix: Solid
Analysis Batch: 391064

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<1.3		4.0	1.3	mg/Kg			03/21/18 23:08	1

Lab Sample ID: LCS 400-390993/2-A
Matrix: Solid
Analysis Batch: 391064

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride			200	203		mg/Kg		101	80 - 120		

Lab Sample ID: LCSD 400-390993/3-A
Matrix: Solid
Analysis Batch: 391064

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride			200	204		mg/Kg		102	80 - 120	1	15

Lab Sample ID: 400-150978-1 MS
Matrix: Solid
Analysis Batch: 391064

Client Sample ID: PB-3 LONG ISLAND GNEISS 56-57'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Fluoride	11		199	204		mg/Kg		97	80 - 120		

Lab Sample ID: 400-150978-1 MSD
Matrix: Solid
Analysis Batch: 391064

Client Sample ID: PB-3 LONG ISLAND GNEISS 56-57'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	11		200	204		mg/Kg		96	80 - 120	0	15

TestAmerica Pensacola
3355 McLemore Drive
681-Atlanta
Pensacola, FL 32514-7045
phone 850.474.1001 fax 850.474.4789

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Evan Perry	Site Contact: Evan Perry	Date:	COC No:
Atlantic Coast Consulting, Inc.	Tel/Fax: (770) 594-5998	Lab Contact: Cheyenne Whitmire	Carrier:	1 of 1 COCs
630 Colonial Park Drive, Suite 110	**Analysis Turnaround Time**			Sampler:
Roswell, GA 30075	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(770) 594-5998 Phone	TAT if different from Below _____			Walk-in Client:
(770) 594-5967 FAX	☐ 2 weeks			Lab Sampling:
Project Name: Plant Wansley ASD	☑ 1 week			
Site: Plant Wansley	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

400-150978 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Fluoride 9056	Sample Specific Notes:
PB-3 Long Island Gneiss 56-57'	3/16/2018	0955	G	S	1	N	N	X	
PB-4 Long Island Gneiss 49-50'	3/16/2018	1000	G	S	1	N	N	X	
PB-8 Schist/Amphibolite 123-124'	3/16/2018	1005	G	S	1	N	N	X	
PB-9 Schist/Amphibolite 65-66'	3/16/2018	1010	G	S	1	N	N	X	
APC-5D Quartzite 90-91'	3/16/2018	1015	G	S	1	N	N	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐Return to Client ☑Disposal by Lab ☐Archive for _____ Months

Special Instructions/QC Requirements & Comments:

15.1°C IR7

Custody Seals Intact: ☐ Yes ☑ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: Atlantic Coast Consult.	Date/Time: 3/16/18 1150	Received by:	Company: TA	Date/Time: 3/16/18 1150
Relinquished by:	Company: TA	Date/Time: 3/16/18 1645	Received by:	Company: TA-PEN	Date/Time: 3.17.18 0824
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-150978-1
SDG Number: ASD

Login Number: 150978
List Number: 1
Creator: Ott, Tina M

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	15.1°C IR7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley

TestAmerica Job ID: 400-150978-1
SDG: ASD

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-150979-1
TestAmerica Sample Delivery Group: Gypsum Landfill Cells
Client Project/Site: CCR - Plant Wansley

For:
Southern Company
PO BOX 2641 GSC8
Birmingham, Alabama 35291

Attn: Joju Abraham

Cheyenne R Whitmire

Authorized for release by:
4/10/2018 10:06:45 AM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 400-150979-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-150979-1

HPLC/IC
Method(s) 300.0: The method blank for analytical batch 391935 contained Sulfate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 300.0: The method blank for analytical batch 392174 contained Sulfate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Metals
Method(s) 6020: The matrix spike (MS) recoveries for preparation batch 392217 and analytical batch 393106 were outside control limits. Insufficient spike in the matrix spike is suspected. The associated laboratory control sample (LCS) and post digestion spike (PDS) recoveries are within acceptance limits.

Method(s) 6020: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 392217 and analytical batch 393106 was outside the 20% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

General Chemistry
Method(s) SM 2320B: The sample duplicate precision for the following sample associated with analytical batch 391494 was outside control limits: (400-150979-A-2 DU). The associated Laboratory Control Sample(LCS) met acceptance criteria.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWA-29 — Lab Sample ID: 400-150979-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	5.6		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	4.0	F1	0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	1.5	F2 F1	0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.1	F1	0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	11	F1	0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	28		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	28		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: GWA-28 — Lab Sample ID: 400-150979-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.74	J	1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	2.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.76		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	0.66		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	10		0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	38		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	38		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: GWC-32 — Lab Sample ID: 400-150979-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.0		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	9.1		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	4.4		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.0		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	12		0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	60		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	60		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: GWC-31 — Lab Sample ID: 400-150979-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	12		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	12		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	3.2		0.13	0.032	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWC-31 (Continued) — Lab Sample ID: 400-150979-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.8		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	14		0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	49		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	49		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: GWC-27 — Lab Sample ID: 400-150979-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.0		1.0	0.89	mg/L	1		300.0	Total/NA
Calcium	0.73		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.28		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	3.9		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	2.7		0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	12		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	12		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 400-150979-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.73	J	1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	2.5		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.74		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	0.64		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	9.8		0.25	0.17	mg/L	5		6020	Total Recoverable
Alkalinity, Total	27		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	27		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: FB-1-3-16-18 — Lab Sample ID: 400-150979-7

No Detections.

Client Sample ID: EB-1-3-16-18 — Lab Sample ID: 400-150979-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
SM 2320B	Alkalinity	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater",
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-150979-1	GWA-29	Water	03/15/18 12:37	03/17/18 08:24
400-150979-2	GWA-28	Water	03/15/18 14:56	03/17/18 08:24
400-150979-3	GWC-32	Water	03/16/18 09:22	03/17/18 08:24
400-150979-4	GWC-31	Water	03/16/18 10:31	03/17/18 08:24
400-150979-5	GWC-27	Water	03/16/18 12:11	03/17/18 08:24
400-150979-6	DUP-1	Water	03/15/18 00:00	03/17/18 08:24
400-150979-7	FB-1-3-16-18	Water	03/16/18 09:35	03/17/18 08:24
400-150979-8	EB-1-3-16-18	Water	03/16/18 12:35	03/17/18 08:24

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWA-29
Date Collected: 03/15/18 12:37
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-1
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			03/29/18 21:18	1
Sulfate	5.6		1.0	0.70	mg/L			03/29/18 21:18	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	4.0	F1	0.25	0.13	mg/L		03/31/18 12:31	04/07/18 01:43	5
Magnesium	1.5	F2 F1	0.13	0.032	mg/L		03/31/18 12:31	04/07/18 01:43	5
Potassium	1.1	F1	0.25	0.11	mg/L		03/31/18 12:31	04/07/18 01:43	5
Sodium	11	F1	0.25	0.17	mg/L		03/31/18 12:31	04/07/18 01:43	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	28		1.0	0.98	mg/L			03/21/18 16:40	1
Bicarbonate Alkalinity as CaCO3	28		1.0	0.98	mg/L			03/21/18 16:40	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/21/18 16:40	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWA-28
Date Collected: 03/15/18 14:56
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-2
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			03/29/18 19:24	1
Sulfate	0.74	J	1.0	0.70	mg/L			03/29/18 19:24	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	2.5		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:28	5
Magnesium	0.76		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:28	5
Potassium	0.66		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:28	5
Sodium	10		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:28	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	38		1.0	0.98	mg/L			03/26/18 12:25	1
Bicarbonate Alkalinity as CaCO3	38		1.0	0.98	mg/L			03/26/18 12:25	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:25	1

Client Sample ID: GWC-32

Date Collected: 03/16/18 09:22
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-3

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0		1.0	0.89	mg/L			03/29/18 21:41	1
Sulfate	9.1		1.0	0.70	mg/L			03/29/18 21:41	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	14		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:32	5
Magnesium	4.4		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:32	5
Potassium	2.0		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:32	5
Sodium	12		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:32	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	60		1.0	0.98	mg/L			03/26/18 12:34	1
Bicarbonate Alkalinity as CaCO3	60		1.0	0.98	mg/L			03/26/18 12:34	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:34	1

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWC-31
Date Collected: 03/16/18 10:31
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-4
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			03/29/18 22:04	1
Sulfate	12		1.0	0.70	mg/L			03/29/18 22:04	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	12		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:37	5
Magnesium	3.2		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:37	5
Potassium	1.8		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:37	5
Sodium	14		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:37	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	49		1.0	0.98	mg/L			03/26/18 12:39	1
Bicarbonate Alkalinity as CaCO3	49		1.0	0.98	mg/L			03/26/18 12:39	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:39	1

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWC-27
Date Collected: 03/16/18 12:11
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-5
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.0**		1.0	0.89	mg/L			03/29/18 22:27	1
Sulfate	<0.70		1.0	0.70	mg/L			03/29/18 22:27	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**0.73**		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:41	5
Magnesium	**0.28**		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:41	5
Potassium	**3.9**		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:41	5
Sodium	**2.7**		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:41	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**12**		1.0	0.98	mg/L			03/26/18 12:43	1
Bicarbonate Alkalinity as CaCO3	**12**		1.0	0.98	mg/L			03/26/18 12:43	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:43	1

Client Sample ID: DUP-1

Date Collected: 03/15/18 00:00
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			03/29/18 22:49	1
Sulfate	0.73	J	1.0	0.70	mg/L			03/29/18 22:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	2.5		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:46	5
Magnesium	0.74		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:46	5
Potassium	0.64		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:46	5
Sodium	9.8		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:46	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	27		1.0	0.98	mg/L			03/26/18 12:49	1
Bicarbonate Alkalinity as CaCO3	27		1.0	0.98	mg/L			03/26/18 12:49	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:49	1

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: FB-1-3-16-18
Date Collected: 03/16/18 09:35
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-7
Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			03/29/18 23:12	1
Sulfate	<0.70		1.0	0.70	mg/L			03/29/18 23:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:50	5
Magnesium	<0.032		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:50	5
Potassium	<0.11		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:50	5
Sodium	<0.17		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:50	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			03/26/18 12:53	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:53	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:53	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: EB-1-3-16-18

Date Collected: 03/16/18 12:35
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			03/29/18 23:35	1
Sulfate	<0.70		1.0	0.70	mg/L			03/29/18 23:35	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 02:55	5
Magnesium	<0.032		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 02:55	5
Potassium	<0.11		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 02:55	5
Sodium	<0.17		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 02:55	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			03/26/18 12:58	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:58	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:58	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
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

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
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample ID: GWA-29
Date Collected: 03/15/18 12:37
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 21:18	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 01:43	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391011	03/21/18 16:40	BAB	TAL PEN

Client Sample ID: GWA-28
Date Collected: 03/15/18 14:56
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 19:24	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:28	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:25	BAB	TAL PEN

Client Sample ID: GWC-32
Date Collected: 03/16/18 09:22
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 21:41	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:32	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:34	BAB	TAL PEN

Client Sample ID: GWC-31
Date Collected: 03/16/18 10:31
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 22:04	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:37	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:39	BAB	TAL PEN

Client Sample ID: GWC-27
Date Collected: 03/16/18 12:11
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 22:27	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Client Sample ID: GWC-27
Date Collected: 03/16/18 12:11
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:41	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:43	BAB	TAL PEN

Client Sample ID: DUP-1
Date Collected: 03/15/18 00:00
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 22:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:46	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:49	BAB	TAL PEN

Client Sample ID: FB-1-3-16-18
Date Collected: 03/16/18 09:35
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 23:12	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:50	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:53	BAB	TAL PEN

Client Sample ID: EB-1-3-16-18
Date Collected: 03/16/18 12:35
Date Received: 03/17/18 08:24

Lab Sample ID: 400-150979-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	392174	03/29/18 23:35	JAW	TAL PEN
Total Recoverable	Prep	3005A			392217	03/31/18 12:31	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393106	04/07/18 02:55	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	391494	03/26/18 12:58	BAB	TAL PEN

Laboratory References:
TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

HPLC/IC

Analysis Batch: 392174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150979-1	GWA-29	Total/NA	Water	300.0	
400-150979-2	GWA-28	Total/NA	Water	300.0	
400-150979-3	GWC-32	Total/NA	Water	300.0	
400-150979-4	GWC-31	Total/NA	Water	300.0	
400-150979-5	GWC-27	Total/NA	Water	300.0	
400-150979-6	DUP-1	Total/NA	Water	300.0	
400-150979-7	FB-1-3-16-18	Total/NA	Water	300.0	
400-150979-8	EB-1-3-16-18	Total/NA	Water	300.0	
MB 400-392174/20	Method Blank	Total/NA	Water	300.0	
LCS 400-392174/21	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-392174/22	Lab Control Sample Dup	Total/NA	Water	300.0	
400-150979-2 MS	GWA-28	Total/NA	Water	300.0	
400-150979-2 MSD	GWA-28	Total/NA	Water	300.0	

Metals

Prep Batch: 392217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150979-1	GWA-29	Total Recoverable	Water	3005A	
400-150979-2	GWA-28	Total Recoverable	Water	3005A	
400-150979-3	GWC-32	Total Recoverable	Water	3005A	
400-150979-4	GWC-31	Total Recoverable	Water	3005A	
400-150979-5	GWC-27	Total Recoverable	Water	3005A	
400-150979-6	DUP-1	Total Recoverable	Water	3005A	
400-150979-7	FB-1-3-16-18	Total Recoverable	Water	3005A	
400-150979-8	EB-1-3-16-18	Total Recoverable	Water	3005A	
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-150979-1 MS	GWA-29	Total Recoverable	Water	3005A	
400-150979-1 MSD	GWA-29	Total Recoverable	Water	3005A	

Analysis Batch: 393106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150979-1	GWA-29	Total Recoverable	Water	6020	392217
400-150979-2	GWA-28	Total Recoverable	Water	6020	392217
400-150979-3	GWC-32	Total Recoverable	Water	6020	392217
400-150979-4	GWC-31	Total Recoverable	Water	6020	392217
400-150979-5	GWC-27	Total Recoverable	Water	6020	392217
400-150979-6	DUP-1	Total Recoverable	Water	6020	392217
400-150979-7	FB-1-3-16-18	Total Recoverable	Water	6020	392217
400-150979-8	EB-1-3-16-18	Total Recoverable	Water	6020	392217
MB 400-392217/1-A ^5	Method Blank	Total Recoverable	Water	6020	392217
LCS 400-392217/2-A	Lab Control Sample	Total Recoverable	Water	6020	392217
400-150979-1 MS	GWA-29	Total Recoverable	Water	6020	392217
400-150979-1 MSD	GWA-29	Total Recoverable	Water	6020	392217

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

General Chemistry

Analysis Batch: 391011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150979-1	GWA-29	Total/NA	Water	SM 2320B	
MB 400-391011/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-391011/5	Lab Control Sample	Total/NA	Water	SM 2320B	
400-150932-I-4 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 391494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-150979-2	GWA-28	Total/NA	Water	SM 2320B	
400-150979-3	GWC-32	Total/NA	Water	SM 2320B	
400-150979-4	GWC-31	Total/NA	Water	SM 2320B	
400-150979-5	GWC-27	Total/NA	Water	SM 2320B	
400-150979-6	DUP-1	Total/NA	Water	SM 2320B	
400-150979-7	FB-1-3-16-18	Total/NA	Water	SM 2320B	
400-150979-8	EB-1-3-16-18	Total/NA	Water	SM 2320B	
MB 400-391494/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-391494/5	Lab Control Sample	Total/NA	Water	SM 2320B	
400-150979-2 DU	GWA-28	Total/NA	Water	SM 2320B	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-392174/20
Matrix: Water
Analysis Batch: 392174

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			03/29/18 18:16	1
Sulfate	<0.70		1.0	0.70	mg/L			03/29/18 18:16	1

Lab Sample ID: LCS 400-392174/21
Matrix: Water
Analysis Batch: 392174

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	9.63		mg/L		96	90 - 110		
Sulfate			10.0	10.1		mg/L		101	90 - 110		

Lab Sample ID: LCSD 400-392174/22
Matrix: Water
Analysis Batch: 392174

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	9.65		mg/L		97	90 - 110	0	15
Sulfate			10.0	10.2		mg/L		102	90 - 110	1	15

Lab Sample ID: 400-150979-2 MS
Matrix: Water
Analysis Batch: 392174

Client Sample ID: GWA-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1.3		10.0	10.7		mg/L		94	80 - 120		
Sulfate	0.74	J	10.0	10.8		mg/L		100	80 - 120		

Lab Sample ID: 400-150979-2 MSD
Matrix: Water
Analysis Batch: 392174

Client Sample ID: GWA-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.3		10.0	10.7		mg/L		94	80 - 120	0	20
Sulfate	0.74	J	10.0	10.8		mg/L		101	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-392217/1-A ^5
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		03/31/18 12:31	04/07/18 00:13	5
Magnesium	<0.032		0.13	0.032	mg/L		03/31/18 12:31	04/07/18 00:13	5
Potassium	<0.11		0.25	0.11	mg/L		03/31/18 12:31	04/07/18 00:13	5
Sodium	<0.17		0.25	0.17	mg/L		03/31/18 12:31	04/07/18 00:13	5

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 400-392217/2-A
Matrix: Water
Analysis Batch: 393106

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	5.00	4.52		mg/L		90	80 - 120
Magnesium	5.00	4.40		mg/L		88	80 - 120
Potassium	5.00	4.25		mg/L		85	80 - 120
Sodium	5.00	4.42		mg/L		88	80 - 120

Lab Sample ID: 400-150979-1 MS
Matrix: Water
Analysis Batch: 393106

Client Sample ID: GWA-29
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	4.0	F1	5.00	7.18	F1	mg/L		63	75 - 125
Magnesium	1.5	F2 F1	5.00	4.96	F1	mg/L		69	75 - 125
Potassium	1.1	F1	5.00	4.64	F1	mg/L		70	75 - 125
Sodium	11	F1	5.00	14.3	F1	mg/L		67	75 - 125

Lab Sample ID: 400-150979-1 MSD
Matrix: Water
Analysis Batch: 393106

Client Sample ID: GWA-29
Prep Type: Total Recoverable
Prep Batch: 392217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	4.0	F1	5.00	8.45		mg/L		88	75 - 125	16	20
Magnesium	1.5	F2 F1	5.00	6.18	F2	mg/L		94	75 - 125	22	20
Potassium	1.1	F1	5.00	5.68		mg/L		91	75 - 125	20	20
Sodium	11	F1	5.00	15.3		mg/L		87	75 - 125	7	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 400-391011/4
Matrix: Water
Analysis Batch: 391011

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			03/21/18 15:03	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/21/18 15:03	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/21/18 15:03	1

Lab Sample ID: LCS 400-391011/5
Matrix: Water
Analysis Batch: 391011

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	100	102		mg/L		102	80 - 120

Lab Sample ID: 400-150932-I-4 DU
Matrix: Water
Analysis Batch: 391011

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	490		585		mg/L		18	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 400-150932-I-4 DU
Matrix: Water
Analysis Batch: 391011

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	490			585		mg/L				18	20
Carbonate Alkalinity as CaCO3	<0.98			<0.98		mg/L				NC	20

Lab Sample ID: MB 400-391494/4
Matrix: Water
Analysis Batch: 391494

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			03/26/18 12:05	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:05	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			03/26/18 12:05	1

Lab Sample ID: LCS 400-391494/5
Matrix: Water
Analysis Batch: 391494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total			100	96.4		mg/L		96	80 - 120		

Lab Sample ID: 400-150979-2 DU
Matrix: Water
Analysis Batch: 391494

Client Sample ID: GWA-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total	38			26.7	F3	mg/L				35	20
Bicarbonate Alkalinity as CaCO3	38			26.7	F3	mg/L				35	20
Carbonate Alkalinity as CaCO3	<0.98			<0.98		mg/L				NC	20

681-Atlanta

TA PENSACOLA

CHAIN OF CUSTODY RECORD

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110 TECHNOLOGY PARKWAY, PEACHTREE CORNERS, GA 30092
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PAGE: 1 OF 1

CLIENT NAME: Georgia Power

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
241 Ralph McGill Blvd SE B10185
Atlanta, GA 30308
404-506-7239

REPORT TO: Evan Perry

REQUESTED COMPLETION DATE:

PO #:

PROJECT NAME/STATE: Plant Yates Phase II - Additional Site Characterization

PROJECT #: Phase 2 CCR

ANALYSIS REQUESTED

Collection DATE	Collection TIME	MATRIX CODE*	COMP	GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	Ca, Mg, Na, K (P, 3)	ALK(bicarbonate, carbonate, total) Sulfate, Chloride (P, 7)	LAB ID NUMBER
3-15-18	1237	GW		X	GWA-29	2	1	1	
3-15-18	1456	GW		X	GWA-28	2	1	1	
3-16-18	0922	GW		X	GWC-32	2	1	1	
3-16-18	1031	GW		X	GWC-31	2	1	1	
3-16-18	1211	GW		X	GWC-27	2	1	1	
3-15-18	—	GW		X	Dup-1	2	1	1	
3-16-18	0935	~~GW~~		X	FB-1-3-16-18	2	1	1	
3-16-18	1235	W		X	EB-1-3-16-18	2	1	1	

400-150979 COC

CONTAINER TYPE	PRESERVATION
P - PLASTIC	1 - HCl, ≤6°C
A - AMBER GLASS	2 - H_2SO_4, ≤6°C
G - CLEAR GLASS	3 - HNO_3
V - VOA VIAL	4 - NaOH, ≤6°C
S - STERILE	5 - NaOH/ZnAc, ≤6°C
O - OTHER	6 - $Na_2S_2O_3$, ≤6°C
	7 - ≤6°C not frozen

*MATRIX CODES:

DW - DRINKING WATER	S - SOIL
WW - WASTEWATER	SL - SLUDGE
GW - GROUNDWATER	SD - SOLID
SW - SURFACE WATER	A - AIR
ST - STORM WATER	L - LIQUID
W - WATER	P - PRODUCT

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: Ryan Walker ACC

DATE/TIME: see above

RELINQUISHED BY:

DATE/TIME: 3-16-18 1450

RECEIVED BY:

DATE/TIME: 3/16/18 1450

RELINQUISHED BY:

DATE/TIME: 3/16/18 1630

FOR LAB USE ONLY
LAB #:
Entered into LIMS:
Tracking #:

RECEIVED BY LAB:

DATE/TIME: 3.17.18 0824

SAMPLE SHIPPED VIA: UPS FED-EX USPS COURIER CLIENT OTHER FS

pH checked: Yes No NA

Ice: Yes No NA

Temperature: 4.4 °C IR B Min: Max:

Custody Seal: Intact Broken Not Present

# of Coolers:

Cooler ID:

COC - Plant Wansley Landfill

7/10/2018

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-150979-1
SDG Number: Gypsum Landfill Cells

Login Number: 150979
List Number: 1
Creator: Ott, Tina M

List Source: TestAmerica Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	4.4°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-150979-1
SDG: Gypsum Landfill Cells

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
L-A-B	ISO/IEC 17025		L2471	02-22-20
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

APPENDIX B
Laboratory Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/7/2024 3:56:05 PM

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-246863-1

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



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

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 Landfill

Job ID: 680-246863-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-246863-1	WAN-GWA-1	Water	02/13/24 16:00	02/16/24 10:03
680-246863-2	WAN-GWA-2	Water	02/14/24 10:20	02/16/24 10:03
680-246863-3	WAN-GWA-4	Water	02/14/24 11:23	02/16/24 10:03
680-246863-4	WAN-GWA-28	Water	02/14/24 12:45	02/16/24 10:03
680-246863-5	WAN-GWA-29	Water	02/14/24 12:18	02/16/24 10:03
680-246863-6	WAN-GWC-6	Water	02/14/24 13:55	02/16/24 10:03
680-246863-7	WAN-GWC-11	Water	02/14/24 14:20	02/16/24 10:03
680-246863-8	WAN-LF-FD-04	Water	02/14/24 00:00	02/16/24 10:03
680-246877-1	WAN-GWC-5	Water	02/14/24 15:00	02/17/24 09:52
680-246877-2	WAN-GWC-22	Water	02/14/24 17:02	02/17/24 09:52
680-247011-1	WAN-GWC-9	Water	02/19/24 14:05	02/22/24 10:19
680-247011-2	WAN-GWC-10	Water	02/20/24 10:15	02/22/24 10:19
680-247011-3	WAN-GWC-12	Water	02/20/24 12:18	02/22/24 10:19
680-247011-4	WAN-GWC-13	Water	02/19/24 14:00	02/22/24 10:19
680-247011-5	WAN-GWC-14	Water	02/19/24 15:37	02/22/24 10:19
680-247011-6	WAN-GWC-17	Water	02/20/24 14:04	02/22/24 10:19
680-247011-7	WAN-GWC-20	Water	02/20/24 15:15	02/22/24 10:19
680-247011-8	WAN-GWC-21	Water	02/19/24 15:15	02/22/24 10:19
680-247011-9	WAN-GWC-23	Water	02/19/24 16:10	02/22/24 10:19
680-247011-10	WAN-GWC-26	Water	02/20/24 13:35	02/22/24 10:19
680-247011-11	WAN-GWC-27	Water	02/20/24 15:25	02/22/24 10:19
680-247011-12	WAN-GWC-32	Water	02/20/24 13:35	02/22/24 10:19
680-247011-13	WAN-GWC-33	Water	02/20/24 16:00	02/22/24 10:19
680-247011-14	WAN-LF-FD-05	Water	02/20/24 00:00	02/22/24 10:19
680-247011-15	WAN-LF-FB-10	Water	02/20/24 10:10	02/22/24 10:19
680-247011-16	WAN-LF-EB-04	Water	02/19/24 16:00	02/22/24 10:19
680-247011-17	WAN-LF-EB-05	Water	02/20/24 13:15	02/22/24 10:19
680-247150-1	WAN-GWC-7	Water	02/21/24 13:10	02/24/24 09:52
680-247150-2	WAN-GWC-8	Water	02/21/24 11:55	02/24/24 09:52
680-247150-3	WAN-GWC-15	Water	02/21/24 15:40	02/24/24 09:52
680-247150-4	WAN-GWC-16	Water	02/21/24 14:15	02/24/24 09:52
680-247150-5	WAN-GWC-18	Water	02/21/24 10:32	02/24/24 09:52
680-247150-6	WAN-GWC-19	Water	02/21/24 11:35	02/24/24 09:52
680-247150-7	WAN-GWC-24	Water	02/22/24 11:15	02/24/24 09:52
680-247150-8	WAN-GWC-25	Water	02/21/24 14:35	02/24/24 09:52
680-247150-9	WAN-GWC-30	Water	02/21/24 15:50	02/24/24 09:52
680-247150-10	WAN-GWC-31	Water	02/21/24 16:20	02/24/24 09:52
680-247150-11	WAN-GWC-34	Water	02/22/24 10:13	02/24/24 09:52
680-247150-12	WAN-GWC-35	Water	02/22/24 10:55	02/24/24 09:52
680-247150-13	WAN-LF-FB-11	Water	02/21/24 11:55	02/24/24 09:52
680-247150-14	WAN-LF-EB-06	Water	02/21/24 10:20	02/24/24 09:52
680-247150-15	WAN-LF-EB-07	Water	02/22/24 10:00	02/24/24 09:52

Job Narrative
680-246863-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 2/16/2024 10:03 AM, 2/17/2024 9:52 AM, 2/22/2024 10:19 AM and 2/24/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.1°C, 0.9°C, 1.3°C, 1.8°C, 1.9°C, 3.0°C and 3.2°C.

HPLC/IC
Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825238/35) The data has been reported.
Chloride 86%
Fluoride 80%
Sulfate 79%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825238/49) The data has been reported.
Chloride 89%
Fluoride 83%
Sulfate 82%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825238/66) The data has been reported.
Chloride 89%
Fluoride 82%
Sulfate 82%

Method 300_ORGFM_28D: LCS/LCSD recovered outside the established limit of 90% for sulfate at 84% and 86%. (LCS 680-825238/100) and (LCSD 680-825238/99) The data has been reported.

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825241/66) The data has been reported.
Chloride 89%
Fluoride 82%
Sulfate 82%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825241/86) The data has been reported.
Chloride 82%
Fluoride 77%
Sulfate 76%

Method 300_ORGFM_28D: : LCS/LCSD recovered outside the established limit of 90%: (LCS 680-825241/102) and (LCSD 680-825241/101) The data ha been reported.
Chloride 83% / 84%
Fluoride 83% / 86%
Sulfate 77% / 77%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825238/35) The data has been reported.
Chloride 86%

Fluoride 80%
Sulfate 79%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825238/49) The data has been reported.
Chloride 89%
Fluoride 83%
Sulfate 82%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: . (CCV 680-825238/66) The data has been reported.
Chloride 89%
Fluoride 82%
Sulfate 82%

Method 300_ORGFM_28D: : LCS/LCSD recovered outside the established limit of 90% for sulfate at 84% and 86%. (LCS 680-825238/100) and (LCSD 680-825238/99) The data has been reported.

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825241/66) The data has been reported.
Chloride 89%
Fluoride 82%
Sulfate 82%

Method 300_ORGFM_28D: The CCV recovered outside the established limit of 90%: (CCV 680-825241/86) The data has been reported.
Chloride 82%
Fluoride 77%
Sulfate 76%

Method 300_ORGFM_28D: : LCS/LCSD recovered outside the established limit of 90%: (LCS 680-825241/102) and (LCSD 680-825241/101) The data ha been reported.
Chloride 83% / 84%
Fluoride 83% / 86%
Sulfate 77% / 77%

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-GWA-4 (680-246863-3), WAN-LF-FD-04 (680-246863-8), WAN-GWC-5 (680-246877-1), WAN-GWC-12 (680-247011-3), WAN-GWC-14 (680-247011-5), and WAN-GWC-7 (680-247150-1).

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-823340 was outside control limits: (680-246830-C-1 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-823618 was outside control limits: (680-246862-E-17 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

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 Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-246863-1

Date Collected: 02/13/24 16:00

Matrix: Water

Date Received: 02/16/24 10:03

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			02/29/24 23:48	1
Fluoride	<0.040		0.10	0.040	mg/L			02/29/24 23:48	1
Sulfate	<0.40	*-	1.0	0.40	mg/L			02/29/24 23:48	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		02/20/24 05:27	02/22/24 16:43	1
Arsenic	**0.0011**		0.0010	0.00086	mg/L		02/20/24 05:27	02/22/24 16:43	1
Barium	**0.012**		0.010	0.00089	mg/L		02/20/24 05:27	02/22/24 16:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:27	02/22/24 16:43	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:27	02/22/24 16:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:27	02/22/24 16:43	1
Calcium	**0.86**		0.50	0.14	mg/L		02/20/24 05:27	02/22/24 16:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:27	02/22/24 16:43	1
Cobalt	**0.00041**	**J**	0.0025	0.00022	mg/L		02/20/24 05:27	02/22/24 16:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:27	02/22/24 16:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:27	02/22/24 16:43	1
Nickel	**0.00087**	**J**	0.0010	0.00042	mg/L		02/20/24 05:27	02/22/24 16:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:27	02/22/24 16:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:27	02/22/24 16:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:27	02/22/24 16:43	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:27	02/22/24 16:43	1
Zinc	**0.0041**	**J**	0.0050	0.0028	mg/L		02/20/24 05:27	02/22/24 16:43	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:00	02/21/24 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**18**		10	10	mg/L			02/19/24 10:58	1

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-246863-2

Date Collected: 02/14/24 10:20

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.20	mg/L			02/29/24 23:59	1
Fluoride	<0.040		0.10	0.040	mg/L			02/29/24 23:59	1
Sulfate	**6.7**	*-	1.0	0.40	mg/L			02/29/24 23:59	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		02/20/24 05:36	02/20/24 15:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:04	1
Barium	**0.014**		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:04	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:04	1

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-246863-2

Date Collected: 02/14/24 10:20

Matrix: Water

Date Received: 02/16/24 10:03

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**3.4**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:04	1
Lead	**0.0012**		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:04	1
Nickel	**0.00078**	**J**	0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:04	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:04	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**46**		10	10	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-246863-3

Date Collected: 02/14/24 11:23

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		1.0	0.20	mg/L			03/01/24 00:11	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/24 00:11	1
Sulfate	**8.2**	***-**	1.0	0.40	mg/L			03/01/24 00:11	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		02/20/24 05:36	02/20/24 15:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:12	1
Barium	**0.19**		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:12	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:12	1
Calcium	**38**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:12	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:12	1
Cobalt	**0.0028**		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:12	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:12	1
Vanadium	**0.00067**	**J**	0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:12	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:12	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-246863-3

Date Collected: 02/14/24 11:23

Matrix: Water

Date Received: 02/16/24 10:03

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	170		40	40	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWA-28

Lab Sample ID: 680-246863-4

Date Collected: 02/14/24 12:45

Matrix: Water

Date Received: 02/16/24 10:03

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			03/01/24 00:22	1
Fluoride	0.95		0.10	0.040	mg/L			03/01/24 00:22	1
Sulfate	0.61	J *-	1.0	0.40	mg/L			03/01/24 00:22	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		02/20/24 05:36	02/20/24 15:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:15	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:15	1
Beryllium	0.00045	J	0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:15	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:15	1
Calcium	3.2		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:15	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:15	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:15	1
Zinc	0.0059		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:15	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	82		10	10	mg/L			02/20/24 14:24	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-246863-5

Date Collected: 02/14/24 12:18

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.93**	**J *-**	1.0	0.20	mg/L			03/01/24 01:52	1
Fluoride	**1.2**	***-**	0.10	0.040	mg/L			03/01/24 01:52	1
Sulfate	**3.3**	***- F1**	1.0	0.40	mg/L			03/01/24 01:52	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		02/20/24 05:36	02/20/24 15:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:18	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:18	1
Beryllium	**0.0018**	**J**	0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:18	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:18	1
Calcium	**4.5**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:18	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:18	1
Copper	**0.0043**		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:18	1
Lead	**0.00021**	**J**	0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:18	1
Nickel	**0.00074**	**J**	0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:18	1
Silver	**0.0011**		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:18	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:18	1
Zinc	**0.020**		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:18	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-246863-6

Date Collected: 02/14/24 13:55

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.3**	***-**	1.0	0.20	mg/L			03/01/24 02:26	1
Fluoride	**0.049**	**J *-**	0.10	0.040	mg/L			03/01/24 02:26	1
Sulfate	**8.9**	***-**	1.0	0.40	mg/L			03/01/24 02:26	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		02/20/24 05:36	02/20/24 15:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:21	1
Barium	**0.060**		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:21	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:21	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-246863-6

Date Collected: 02/14/24 13:55

Matrix: Water

Date Received: 02/16/24 10:03

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**15**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:21	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:21	1
Cobalt	**0.0078**		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:21	1
Nickel	**0.0052**		0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:21	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:21	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-246863-7

Date Collected: 02/14/24 14:20

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**	***-**	1.0	0.20	mg/L			03/01/24 02:38	1
Fluoride	**0.056**	**J *-**	0.10	0.040	mg/L			03/01/24 02:38	1
Sulfate	**0.90**	**J *-**	1.0	0.40	mg/L			03/01/24 02:38	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		02/20/24 05:36	02/20/24 15:24	1
Arsenic	**0.0012**		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:24	1
Barium	**0.16**		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:24	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:24	1
Calcium	**6.7**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:24	1
Chromium	**0.0024**		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:24	1
Cobalt	**0.0013**	**J**	0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:24	1
Vanadium	**0.0026**		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:24	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-246863-7

Date Collected: 02/14/24 14:20

Matrix: Water

Date Received: 02/16/24 10:03

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**60**		10	10	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-LF-FD-04

Lab Sample ID: 680-246863-8

Date Collected: 02/14/24 00:00

Matrix: Water

Date Received: 02/16/24 10:03

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.4**	***-**	1.0	0.20	mg/L			03/01/24 02:49	1
Fluoride	<0.040	*-	0.10	0.040	mg/L			03/01/24 02:49	1
Sulfate	**9.1**	***-**	1.0	0.40	mg/L			03/01/24 02:49	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		02/20/24 05:36	02/20/24 15:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/20/24 15:32	1
Barium	**0.063**		0.010	0.00089	mg/L		02/20/24 05:36	02/20/24 15:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/20/24 15:32	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/20/24 15:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/20/24 15:32	1
Calcium	**15**		0.50	0.14	mg/L		02/20/24 05:36	02/20/24 15:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/20/24 15:32	1
Cobalt	**0.0082**		0.0025	0.00022	mg/L		02/20/24 05:36	02/20/24 15:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/20/24 15:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/20/24 15:32	1
Nickel	**0.0053**		0.0010	0.00042	mg/L		02/20/24 05:36	02/20/24 15:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/20/24 15:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/20/24 15:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/20/24 15:32	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/20/24 15:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:36	02/20/24 15:32	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**130**		40	40	mg/L			02/20/24 14:24	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-246877-1

Date Collected: 02/14/24 15:00

Matrix: Water

Date Received: 02/17/24 09:52

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		2.0	0.40	mg/L			02/29/24 17:36	2
Fluoride	<0.080		0.20	0.080	mg/L			02/29/24 17:36	2
Sulfate	**25**	*-	2.0	0.80	mg/L			02/29/24 17:36	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		02/20/24 05:47	02/20/24 17:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:47	02/20/24 17:09	1
Barium	**0.032**	B	0.010	0.00089	mg/L		02/20/24 05:47	02/20/24 17:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:47	02/20/24 17:09	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:47	02/20/24 17:09	1
Cadmium	**0.00010**	J	0.0025	0.000078	mg/L		02/20/24 05:47	02/20/24 17:09	1
Calcium	**30**		0.50	0.14	mg/L		02/20/24 05:47	02/20/24 17:09	1
Chromium	**0.0012**	J	0.0020	0.0012	mg/L		02/20/24 05:47	02/20/24 17:09	1
Cobalt	**0.0041**		0.0025	0.00022	mg/L		02/20/24 05:47	02/20/24 17:09	1
Copper	**0.0012**	J	0.0020	0.0011	mg/L		02/20/24 05:47	02/20/24 17:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:47	02/20/24 17:09	1
Nickel	**0.0069**		0.0010	0.00042	mg/L		02/20/24 05:47	02/20/24 17:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:47	02/20/24 17:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:47	02/20/24 17:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:47	02/20/24 17:09	1
Vanadium	**0.0030**		0.0020	0.00063	mg/L		02/20/24 05:47	02/20/24 17:09	1
Zinc	**0.0031**	J	0.0050	0.0028	mg/L		02/20/24 05:47	02/20/24 17:09	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**210**		40	40	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-246877-2

Date Collected: 02/14/24 17:02

Matrix: Water

Date Received: 02/17/24 09:52

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**	*-	1.0	0.20	mg/L			03/01/24 03:11	1
Fluoride	<0.040	*-	0.10	0.040	mg/L			03/01/24 03:11	1
Sulfate	**0.62**	J *-	1.0	0.40	mg/L			03/01/24 03:11	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00041**	J	0.0020	0.00034	mg/L		02/20/24 05:47	02/20/24 17:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:47	02/20/24 17:12	1
Barium	**0.027**	B	0.010	0.00089	mg/L		02/20/24 05:47	02/20/24 17:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:47	02/20/24 17:12	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:47	02/20/24 17:12	1
Cadmium	**0.00024**	J	0.0025	0.000078	mg/L		02/20/24 05:47	02/20/24 17:12	1

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-246877-2

Date Collected: 02/14/24 17:02

Matrix: Water

Date Received: 02/17/24 09:52

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**11**		0.50	0.14	mg/L		02/20/24 05:47	02/20/24 17:12	1
Chromium	**0.0014**	**J**	0.0020	0.0012	mg/L		02/20/24 05:47	02/20/24 17:12	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:47	02/20/24 17:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:47	02/20/24 17:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:47	02/20/24 17:12	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:47	02/20/24 17:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:47	02/20/24 17:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:47	02/20/24 17:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:47	02/20/24 17:12	1
Vanadium	**0.0067**		0.0020	0.00063	mg/L		02/20/24 05:47	02/20/24 17:12	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/20/24 05:47	02/20/24 17:12	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 17:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/20/24 14:24	1

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-247011-1

Date Collected: 02/19/24 14:05

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 06:12	1
Chloride	**6.7**		1.0	0.20	mg/L			03/02/24 06:12	1
Sulfate	**16**		1.0	0.50	mg/L			03/02/24 06:12	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		02/23/24 05:57	02/23/24 23:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:03	1
Barium	**0.072**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:03	1
Beryllium	**0.00024**	**J**	0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:03	1
Boron	**0.080**		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:03	1
Calcium	**7.2**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:03	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 11:43	1
Cobalt	**0.022**		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:03	1
Copper	**0.0012**	**J**	0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:03	1
Nickel	**0.0093**		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 11:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:03	1
Vanadium	**0.00070**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:03	1
Zinc	**0.019**		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:03	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-247011-1

Date Collected: 02/19/24 14:05

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 13:49	02/27/24 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	69		10	10	mg/L			02/23/24 09:30	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-247011-2

Date Collected: 02/20/24 10:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.77		0.40	0.20	mg/L			03/02/24 06:29	1
Chloride	7.4		1.0	0.20	mg/L			03/02/24 06:29	1
Sulfate	13		1.0	0.50	mg/L			03/02/24 06:29	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		02/23/24 05:57	02/23/24 23:08	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:08	1
Barium	0.018		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:08	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:08	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:46	1
Cadmium	0.000080	J	0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:08	1
Calcium	13		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:08	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 11:46	1
Cobalt	0.0034		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:08	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:08	1
Nickel	0.0012		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 11:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:08	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:08	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:08	1
Zinc	0.0042	J	0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:08	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 13:49	02/27/24 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	120		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-247011-3

Date Collected: 02/20/24 12:18

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.40		0.80	0.40	mg/L			03/02/24 06:46	2
Chloride	**26**		2.0	0.40	mg/L			03/02/24 06:46	2
Sulfate	**37**		2.0	1.0	mg/L			03/02/24 06:46	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		02/23/24 05:57	02/23/24 23:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:12	1
Barium	**0.027**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:12	1
Boron	**0.080**		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:12	1
Calcium	**49**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:12	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 11:49	1
Cobalt	**0.00039**	**J**	0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:12	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 11:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:12	1
Vanadium	**0.00063**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:12	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:12	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 13:49	02/27/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**220**		40	40	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-247011-4

Date Collected: 02/19/24 14:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 07:02	1
Chloride	**1.8**		1.0	0.20	mg/L			03/02/24 07:02	1
Sulfate	**3.7**		1.0	0.50	mg/L			03/02/24 07:02	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0027**		0.0020	0.00034	mg/L		02/23/24 05:57	02/23/24 23:16	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:16	1
Barium	**0.0078**	**J**	0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:16	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:16	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:52	1
Cadmium	**0.00026**	**J**	0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:16	1

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-247011-4

Date Collected: 02/19/24 14:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**5.1**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:16	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 11:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:16	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:16	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:16	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 11:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:16	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:16	1
Vanadium	**0.00069**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:16	1
Zinc	**0.0056**		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:16	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**57**		10	10	mg/L			02/23/24 09:30	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-247011-5

Date Collected: 02/19/24 15:37

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 07:19	1
Chloride	**110**		2.0	0.40	mg/L			03/04/24 10:47	2
Sulfate	**7.7**		1.0	0.50	mg/L			03/02/24 07:19	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		02/23/24 05:57	02/23/24 23:20	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:20	1
Barium	**0.23**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:20	1
Beryllium	**0.00034**	**J**	0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:20	1
Boron	**0.71**		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:55	1
Cadmium	**0.00010**	**J**	0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:20	1
Calcium	**26**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:20	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 11:55	1
Cobalt	**0.32**		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:20	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:20	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:20	1
Nickel	**0.023**		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:20	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 11:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:20	1
Thallium	**0.00058**	**J**	0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:20	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:20	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:20	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-247011-5

Date Collected: 02/19/24 15:37

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**290**		40	40	mg/L			02/23/24 09:30	1

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-247011-6

Date Collected: 02/20/24 14:04

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 07:36	1
Chloride	**1.6**		1.0	0.20	mg/L			03/02/24 07:36	1
Sulfate	**4.7**		1.0	0.50	mg/L			03/02/24 07:36	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		02/23/24 05:57	02/23/24 23:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:24	1
Barium	**0.027**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:24	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 12:03	1
Cadmium	**0.00026**	**J**	0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:24	1
Calcium	**12**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 12:03	1
Cobalt	**0.00034**	**J**	0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 12:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:24	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-247011-7

Date Collected: 02/20/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 07:53	1
Chloride	**2.5**		1.0	0.20	mg/L			03/02/24 07:53	1
Sulfate	**2.6**		1.0	0.50	mg/L			03/02/24 07:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00064**	**J**	0.0020	0.00034	mg/L		02/23/24 05:57	02/23/24 23:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:28	1
Barium	**0.037**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:28	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 12:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:28	1
Calcium	**9.7**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:28	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 12:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:28	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 12:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:28	1
Vanadium	**0.0013**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:28	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:28	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-247011-8

Date Collected: 02/19/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 08:10	1
Chloride	**3.5**		1.0	0.20	mg/L			03/02/24 08:10	1
Sulfate	**0.98**	**J**	1.0	0.50	mg/L			03/02/24 08:10	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		02/23/24 05:57	02/23/24 23:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:32	1
Barium	**0.049**		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:32	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 12:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:32	1

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-247011-8

Date Collected: 02/19/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**5.5**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 12:09	1
Cobalt	**0.0025**		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:32	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 12:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:32	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:32	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**53**		10	10	mg/L			02/23/24 09:30	1

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-247011-9

Date Collected: 02/19/24 16:10

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 09:01	1
Chloride	**2.4**		1.0	0.20	mg/L			03/02/24 09:01	1
Sulfate	**1.5**		1.0	0.50	mg/L			03/02/24 09:01	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		02/23/24 05:57	02/23/24 23:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:36	1
Barium	**0.0047**	**J**	0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:36	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 12:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:36	1
Calcium	**3.8**		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:36	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 12:12	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:36	1
Lead	**0.00034**	**J**	0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:36	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 12:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:36	1
Vanadium	**0.00072**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:36	1

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-247011-9

Date Collected: 02/19/24 16:10

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	43		10	10	mg/L			02/23/24 09:30	1

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-247011-10

Date Collected: 02/20/24 13:35

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 09:52	1
Chloride	3.6		1.0	0.20	mg/L			03/02/24 09:52	1
Sulfate	1.3		1.0	0.50	mg/L			03/02/24 09:52	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		02/23/24 05:57	02/23/24 23:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 23:48	1
Barium	0.038		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 23:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 23:48	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 12:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 23:48	1
Calcium	1.8		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 23:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:57	02/25/24 12:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 23:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 23:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 23:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 23:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/25/24 12:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 23:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 23:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 23:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 23:48	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	42		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-27

Lab Sample ID: 680-247011-11

Date Collected: 02/20/24 15:25

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.49**		0.40	0.20	mg/L			03/02/24 10:08	1
Chloride	**1.4**		1.0	0.20	mg/L			03/02/24 10:08	1
Sulfate	**2.5**		1.0	0.50	mg/L			03/02/24 10:08	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		02/23/24 05:57	02/24/24 00:08	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:08	1
Barium	**0.013**		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:08	1
Beryllium	**0.0038**		0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:08	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:08	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:08	1
Calcium	**1.7**		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:08	1
Chromium	**0.0014**	**J B**	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:08	1
Cobalt	**0.0010**	**J**	0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:08	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:08	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:08	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:08	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:08	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:08	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:08	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:08	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**40**		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-247011-12

Date Collected: 02/20/24 13:35

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**2.5**		0.40	0.20	mg/L			03/02/24 10:25	1
Chloride	**1.8**		1.0	0.20	mg/L			03/02/24 10:25	1
Sulfate	**11**		1.0	0.50	mg/L			03/02/24 10:25	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		02/23/24 05:57	02/24/24 00:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:29	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:29	1
Beryllium	**0.0015**	**J**	0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:29	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:29	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-247011-12

Date Collected: 02/20/24 13:35

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**6.7**		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:29	1
Chromium	**0.0019**	**J B**	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:29	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:29	1
Zinc	**0.028**		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:29	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**83**		10	10	mg/L			02/27/24 15:11	1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-247011-13

Date Collected: 02/20/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**2.1**		0.40	0.20	mg/L			03/02/24 10:42	1
Chloride	**2.4**		1.0	0.20	mg/L			03/02/24 10:42	1
Sulfate	**11**		1.0	0.50	mg/L			03/02/24 10:42	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		02/23/24 05:57	02/24/24 00:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:33	1
Barium	**0.0057**	**J**	0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:33	1
Beryllium	**0.00029**	**J**	0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:33	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:33	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:33	1
Calcium	**17**		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:33	1
Chromium	**0.0025**	**B**	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:33	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:33	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:33	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:33	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:33	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:33	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:33	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:33	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-247011-13

Date Collected: 02/20/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	97		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-LF-FD-05

Lab Sample ID: 680-247011-14

Date Collected: 02/20/24 00:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 10:59	1
Chloride	2.5		1.0	0.20	mg/L			03/02/24 10:59	1
Sulfate	2.5		1.0	0.50	mg/L			03/02/24 10:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00064	J	0.0020	0.00034	mg/L		02/23/24 05:57	02/24/24 00:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:37	1
Barium	0.036		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:37	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:37	1
Calcium	9.6		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:37	1
Chromium	0.0018	J B	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:37	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:37	1
Vanadium	0.0015	J	0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:37	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	100		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-LF-FB-10

Lab Sample ID: 680-247011-15

Date Collected: 02/20/24 10:10

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 11:16	1
Chloride	<0.20		1.0	0.20	mg/L			03/02/24 11:16	1
Sulfate	<0.50		1.0	0.50	mg/L			03/02/24 11:16	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		02/23/24 05:57	02/24/24 00:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:49	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:49	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:49	1
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:49	1
Chromium	**0.0014**	**J B**	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:49	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:49	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:49	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:49	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 15:11	1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-247011-16

Date Collected: 02/19/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 11:33	1
Chloride	**0.26**	**J**	1.0	0.20	mg/L			03/02/24 11:33	1
Sulfate	<0.50		1.0	0.50	mg/L			03/02/24 11:33	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		02/23/24 05:57	02/24/24 00:53	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:53	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:53	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:53	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:53	1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-247011-16

Date Collected: 02/19/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:53	1
Chromium	**0.0018**	**J B**	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:53	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:53	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:53	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:53	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:53	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:53	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:53	1
Vanadium	**0.0011**	**J**	0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:53	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:53	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/26/24 11:53	1

Client Sample ID: WAN-LF-EB-05

Lab Sample ID: 680-247011-17

Date Collected: 02/20/24 13:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 11:50	1
Chloride	**0.38**	**J**	1.0	0.20	mg/L			03/02/24 11:50	1
Sulfate	<0.50		1.0	0.50	mg/L			03/02/24 11:50	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		02/23/24 05:22	02/23/24 18:02	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:22	02/23/24 18:02	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:22	02/23/24 18:02	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:22	02/23/24 18:02	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:22	02/23/24 18:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:22	02/23/24 18:02	1
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:22	02/23/24 18:02	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:22	02/23/24 18:02	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:22	02/23/24 18:02	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:22	02/23/24 18:02	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:22	02/23/24 18:02	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:22	02/23/24 18:02	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:22	02/23/24 18:02	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:22	02/23/24 18:02	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:22	02/23/24 18:02	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:22	02/23/24 18:02	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:22	02/23/24 18:02	1

Client Sample ID: WAN-LF-EB-05

Lab Sample ID: 680-247011-17

Date Collected: 02/20/24 13:15

Matrix: Water

Date Received: 02/22/24 10:19

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 15:11	1

Client Sample ID: WAN-GWC-7

Lab Sample ID: 680-247150-1

Date Collected: 02/21/24 13:10

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<1.0		2.0	1.0	mg/L			03/04/24 17:08	5
Chloride	**27**		5.0	1.0	mg/L			03/04/24 17:08	5
Sulfate	**45**		5.0	2.5	mg/L			03/04/24 17:08	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		02/27/24 04:59	02/27/24 19:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/27/24 19:38	1
Barium	**0.066**		0.010	0.00089	mg/L		02/27/24 04:59	02/27/24 19:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/27/24 19:38	1
Boron	**0.035**	**J**	0.080	0.022	mg/L		02/27/24 04:59	02/27/24 19:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/27/24 19:38	1
Calcium	**44**		0.50	0.14	mg/L		02/27/24 04:59	02/27/24 19:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:59	02/27/24 19:38	1
Cobalt	**0.00076**	**J**	0.0025	0.00022	mg/L		02/27/24 04:59	02/27/24 19:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:59	02/27/24 19:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/27/24 19:38	1
Nickel	**0.0082**		0.0010	0.00042	mg/L		02/27/24 04:59	02/27/24 19:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/27/24 19:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/27/24 19:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/27/24 19:38	1
Vanadium	**0.0029**		0.0020	0.00063	mg/L		02/27/24 04:59	02/27/24 19:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/27/24 19:38	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**350**		40	40	mg/L			02/27/24 21:02	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-247150-2

Date Collected: 02/21/24 11:55

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 17:24	1
Chloride	**3.0**		1.0	0.20	mg/L			03/04/24 17:24	1
Sulfate	**19**		1.0	0.50	mg/L			03/04/24 17:24	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		02/27/24 04:59	02/27/24 19:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/27/24 19:47	1
Barium	**0.029**		0.010	0.00089	mg/L		02/27/24 04:59	02/27/24 19:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/27/24 19:47	1
Boron	**0.036**	**J**	0.080	0.022	mg/L		02/27/24 04:59	02/27/24 19:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/27/24 19:47	1
Calcium	**20**		0.50	0.14	mg/L		02/27/24 04:59	02/27/24 19:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:59	02/27/24 19:47	1
Cobalt	**0.0017**	**J**	0.0025	0.00022	mg/L		02/27/24 04:59	02/27/24 19:47	1
Copper	**0.0028**		0.0020	0.0011	mg/L		02/27/24 04:59	02/27/24 19:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/27/24 19:47	1
Nickel	**0.0021**		0.0010	0.00042	mg/L		02/27/24 04:59	02/27/24 19:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/27/24 19:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/27/24 19:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/27/24 19:47	1
Vanadium	**0.00079**	**J**	0.0020	0.00063	mg/L		02/27/24 04:59	02/27/24 19:47	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/27/24 19:47	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-247150-3

Date Collected: 02/21/24 15:40

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 17:41	1
Chloride	**6.4**		1.0	0.20	mg/L			03/04/24 17:41	1
Sulfate	**4.1**		1.0	0.50	mg/L			03/04/24 17:41	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		02/27/24 04:59	02/27/24 19:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/27/24 19:49	1
Barium	**0.0095**	**J**	0.010	0.00089	mg/L		02/27/24 04:59	02/27/24 19:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/27/24 19:49	1
Boron	**0.072**	**J**	0.080	0.022	mg/L		02/27/24 04:59	02/27/24 19:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/27/24 19:49	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-247150-3

Date Collected: 02/21/24 15:40

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**10**		0.50	0.14	mg/L		02/27/24 04:59	02/27/24 19:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:59	02/27/24 19:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:59	02/27/24 19:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:59	02/27/24 19:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/27/24 19:49	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:59	02/27/24 19:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/27/24 19:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/27/24 19:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/27/24 19:49	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:59	02/27/24 19:49	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/27/24 19:49	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**89**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-247150-4

Date Collected: 02/21/24 14:15

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 17:58	1
Chloride	**2.0**		1.0	0.20	mg/L			03/04/24 17:58	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 17:58	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		02/27/24 04:59	02/27/24 19:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/27/24 19:52	1
Barium	**0.020**		0.010	0.00089	mg/L		02/27/24 04:59	02/27/24 19:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/27/24 19:52	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:59	02/27/24 19:52	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/27/24 19:52	1
Calcium	**7.6**		0.50	0.14	mg/L		02/27/24 04:59	02/27/24 19:52	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/27/24 04:59	02/27/24 19:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:59	02/27/24 19:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:59	02/27/24 19:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/27/24 19:52	1
Nickel	**0.00045**	**J**	0.0010	0.00042	mg/L		02/27/24 04:59	02/27/24 19:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/27/24 19:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/27/24 19:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/27/24 19:52	1
Vanadium	**0.0038**		0.0020	0.00063	mg/L		02/27/24 04:59	02/27/24 19:52	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/27/24 19:52	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-247150-4

Date Collected: 02/21/24 14:15

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**91**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-247150-5

Date Collected: 02/21/24 10:32

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 19:40	1
Chloride	**2.1**		1.0	0.20	mg/L			03/04/24 19:40	1
Sulfate	**1.1**		1.0	0.50	mg/L			03/04/24 19:40	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		02/27/24 04:59	02/27/24 19:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/27/24 19:55	1
Barium	**0.045**		0.010	0.00089	mg/L		02/27/24 04:59	02/27/24 19:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/27/24 19:55	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:59	02/27/24 19:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/27/24 19:55	1
Calcium	**8.7**		0.50	0.14	mg/L		02/27/24 04:59	02/27/24 19:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:59	02/27/24 19:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:59	02/27/24 19:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:59	02/27/24 19:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/27/24 19:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:59	02/27/24 19:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/27/24 19:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/27/24 19:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/27/24 19:55	1
Vanadium	**0.00092**	**J**	0.0020	0.00063	mg/L		02/27/24 04:59	02/27/24 19:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/27/24 19:55	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**93**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-247150-6

Date Collected: 02/21/24 11:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 20:31	1
Chloride	**2.5**		1.0	0.20	mg/L			03/04/24 20:31	1
Sulfate	**1.2**		1.0	0.50	mg/L			03/04/24 20:31	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		02/27/24 05:05	02/27/24 19:58	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 05:05	02/27/24 19:58	1
Barium	**0.15**		0.010	0.00089	mg/L		02/27/24 05:05	02/27/24 19:58	1
Beryllium	**0.00020**	**J**	0.0025	0.00020	mg/L		02/27/24 05:05	02/27/24 19:58	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 05:05	02/27/24 19:58	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 05:05	02/27/24 19:58	1
Calcium	**11**		0.50	0.14	mg/L		02/27/24 05:05	02/27/24 19:58	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 05:05	02/27/24 19:58	1
Cobalt	**0.00030**	**J**	0.0025	0.00022	mg/L		02/27/24 05:05	02/27/24 19:58	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 05:05	02/27/24 19:58	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 05:05	02/27/24 19:58	1
Nickel	**0.0014**		0.0010	0.00042	mg/L		02/27/24 05:05	02/27/24 19:58	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 05:05	02/27/24 19:58	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 05:05	02/27/24 19:58	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 05:05	02/27/24 19:58	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 05:05	02/27/24 19:58	1
Zinc	**0.0065**		0.0050	0.0028	mg/L		02/27/24 05:05	02/27/24 19:58	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**81**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-247150-7

Date Collected: 02/22/24 11:15

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 20:48	1
Chloride	**5.5**		1.0	0.20	mg/L			03/04/24 20:48	1
Sulfate	**0.57**	**J**	1.0	0.50	mg/L			03/04/24 20:48	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00037**	**J**	0.0020	0.00034	mg/L		02/27/24 04:52	02/27/24 17:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:55	1
Barium	**0.022**		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:55	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:55	1

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-247150-7

Date Collected: 02/22/24 11:15

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1.4**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:55	1
Cobalt	**0.0045**		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:55	1
Lead	**0.00039**	**J**	0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:55	1
Nickel	**0.0034**		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:55	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:55	1
Zinc	**0.024**		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:55	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**45**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-25

Lab Sample ID: 680-247150-8

Date Collected: 02/21/24 14:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 21:04	1
Chloride	**8.3**		1.0	0.20	mg/L			03/04/24 21:04	1
Sulfate	**9.6**		1.0	0.50	mg/L			03/04/24 21:04	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		02/27/24 04:52	02/27/24 16:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 16:44	1
Barium	**0.026**		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 16:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 16:44	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 16:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 16:44	1
Calcium	**8.3**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 16:44	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 16:44	1
Cobalt	**0.0035**		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 16:44	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 16:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 16:44	1
Nickel	**0.0038**		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 16:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 16:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 16:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 16:44	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 16:44	1
Zinc	**0.0042**	**J**	0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 16:44	1

Client Sample ID: WAN-GWC-25

Lab Sample ID: 680-247150-8

Date Collected: 02/21/24 14:35

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 11:15	02/29/24 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**82**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-247150-9

Date Collected: 02/21/24 15:50

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 21:21	1
Chloride	**1.8**		1.0	0.20	mg/L			03/04/24 21:21	1
Sulfate	**2.5**		1.0	0.50	mg/L			03/04/24 21:21	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		02/27/24 04:52	02/27/24 17:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:32	1
Barium	**0.0089**	**J**	0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:32	1
Boron	**0.046**	**J**	0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:32	1
Calcium	**4.0**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:32	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:32	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:32	1
Vanadium	**0.0011**	**J**	0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:32	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**56**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-247150-10

Date Collected: 02/21/24 16:20

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**1.5**		0.40	0.20	mg/L			03/04/24 21:38	1
Chloride	**1.6**		1.0	0.20	mg/L			03/04/24 21:38	1
Sulfate	**11**		1.0	0.50	mg/L			03/04/24 21:38	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		02/27/24 04:52	02/27/24 17:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:35	1
Barium	**0.0013**	**J**	0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:35	1
Beryllium	**0.00029**	**J**	0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:35	1
Boron	**0.034**	**J**	0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:35	1
Calcium	**7.1**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:35	1
Copper	**0.0013**	**J**	0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:35	1
Lead	**0.00071**	**J**	0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:35	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:35	1
Vanadium	**0.00064**	**J**	0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:35	1
Zinc	**0.0041**	**J**	0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:35	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**90**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-247150-11

Date Collected: 02/22/24 10:13

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 21:55	1
Chloride	**1.6**		1.0	0.20	mg/L			03/04/24 21:55	1
Sulfate	**2.5**		1.0	0.50	mg/L			03/04/24 21:55	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		02/27/24 04:52	02/27/24 17:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:38	1
Barium	**0.016**		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:38	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:38	1
Cadmium	**0.00020**	**J**	0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:38	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-247150-11

Date Collected: 02/22/24 10:13

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**3.7**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:38	1
Copper	**0.0023**		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:38	1
Nickel	**0.00065**	**J**	0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:38	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:38	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**56**		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-247150-12

Date Collected: 02/22/24 10:55

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 22:12	1
Chloride	**19**		1.0	0.20	mg/L			03/04/24 22:12	1
Sulfate	**4.7**		1.0	0.50	mg/L			03/04/24 22:12	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		02/27/24 04:52	02/27/24 17:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:47	1
Barium	**0.046**		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:47	1
Boron	**0.060**	**J**	0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:47	1
Calcium	**4.9**		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:47	1
Cobalt	**0.00032**	**J**	0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:47	1
Nickel	**0.0019**		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:47	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:47	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:47	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-247150-12

Date Collected: 02/22/24 10:55

Matrix: Water

Date Received: 02/24/24 09:52

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	81		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-LF-FB-11

Lab Sample ID: 680-247150-13

Date Collected: 02/21/24 11:55

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 23:37	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/24 23:37	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 23:37	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		02/27/24 04:52	02/27/24 17:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:50	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:50	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:50	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:50	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:50	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:50	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:50	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:50	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-247150-14

Date Collected: 02/21/24 10:20

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 04:24	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 04:24	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 04:24	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		02/27/24 04:52	02/27/24 17:52	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 17:52	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 17:52	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 17:52	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 17:52	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 17:52	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 17:52	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 17:52	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 17:52	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 17:52	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 17:52	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 17:52	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 17:52	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 17:52	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 17:52	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 17:52	1
Zinc	**0.0032**	**J**	0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 17:52	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 21:02	1

Client Sample ID: WAN-LF-EB-07

Lab Sample ID: 680-247150-15

Date Collected: 02/22/24 10:00

Matrix: Water

Date Received: 02/24/24 09:52

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 15:18	1
Chloride	**0.22**	**J**	1.0	0.20	mg/L			03/05/24 15:18	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 15:18	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		02/27/24 04:52	02/27/24 19:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 19:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 19:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 19:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 19:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 19:24	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-LF-EB-07
Date Collected: 02/22/24 10:00
Date Received: 02/24/24 09:52

Lab Sample ID: 680-247150-15
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 19:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 19:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 19:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 19:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 19:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 19:24	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 19:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 19:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 19:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 19:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 19:24	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/27/24 21:02	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 670-78646/40
Matrix: Water
Analysis Batch: 78646

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/01/24 20:03	1
Chloride	<0.20		1.0	0.20	mg/L			03/01/24 20:03	1
Sulfate	<0.50		1.0	0.50	mg/L			03/01/24 20:03	1

Lab Sample ID: MB 670-78646/71
Matrix: Water
Analysis Batch: 78646

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/02/24 04:47	1
Chloride	<0.20		1.0	0.20	mg/L			03/02/24 04:47	1
Sulfate	<0.50		1.0	0.50	mg/L			03/02/24 04:47	1

Lab Sample ID: LCS 670-78646/69
Matrix: Water
Analysis Batch: 78646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			4.00	4.13		mg/L		103	90 - 110		
Chloride			4.00	3.92		mg/L		98	90 - 110		
Sulfate			4.00	3.97		mg/L		99	90 - 110		

Lab Sample ID: LCSD 670-78646/70
Matrix: Water
Analysis Batch: 78646

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
Fluoride			4.00	4.14		mg/L		103	90 - 110	0	20
Chloride			4.00	3.92		mg/L		98	90 - 110	0	20
Sulfate			4.00	3.96		mg/L		99	90 - 110	0	20

Lab Sample ID: 680-247011-9 MS
Matrix: Water
Analysis Batch: 78646

Client Sample ID: WAN-GWC-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	<0.20		5.00	5.58		mg/L		112	80 - 120		
Chloride	2.4		5.00	7.66		mg/L		105	80 - 120		
Sulfate	1.5		5.00	6.30		mg/L		95	80 - 120		

Lab Sample ID: 680-247011-9 MSD
Matrix: Water
Analysis Batch: 78646

Client Sample ID: WAN-GWC-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.58		mg/L		112	80 - 120	0	20
Chloride	2.4		5.00	7.66		mg/L		105	80 - 120	0	20
Sulfate	1.5		5.00	6.28		mg/L		95	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 670-78891/37
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 19:23	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/24 19:23	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 19:23	1

Lab Sample ID: MB 670-78891/6
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/04/24 10:30	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/24 10:30	1
Sulfate	<0.50		1.0	0.50	mg/L			03/04/24 10:30	1

Lab Sample ID: MB 670-78891/68
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 04:07	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 04:07	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 04:07	1

Lab Sample ID: LCS 670-78891/35
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	4.10		mg/L		102	90 - 110
Chloride	4.00	3.93		mg/L		98	90 - 110
Sulfate	4.00	4.03		mg/L		101	90 - 110

Lab Sample ID: LCS 670-78891/4
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	4.03		mg/L		101	90 - 110
Chloride	4.00	3.85		mg/L		96	90 - 110
Sulfate	4.00	3.77		mg/L		94	90 - 110

Lab Sample ID: LCS 670-78891/66
Matrix: Water
Analysis Batch: 78891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	4.00	3.95		mg/L		99	90 - 110
Chloride	4.00	4.00		mg/L		100	90 - 110
Sulfate	4.00	4.09		mg/L		102	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 670-78891/36
Matrix: Water
Analysis Batch: 78891

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
Fluoride			4.00	4.10		mg/L		102	90 - 110	0	20
Chloride			4.00	3.93		mg/L		98	90 - 110	0	20
Sulfate			4.00	4.04		mg/L		101	90 - 110	0	20

Lab Sample ID: LCSD 670-78891/5
Matrix: Water
Analysis Batch: 78891

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
Fluoride			4.00	3.98		mg/L		99	90 - 110	1	20
Chloride			4.00	3.88		mg/L		97	90 - 110	1	20
Sulfate			4.00	3.85		mg/L		96	90 - 110	2	20

Lab Sample ID: LCSD 670-78891/67
Matrix: Water
Analysis Batch: 78891

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
Fluoride			4.00	3.95		mg/L		99	90 - 110	0	20
Chloride			4.00	4.00		mg/L		100	90 - 110	0	20
Sulfate			4.00	4.09		mg/L		102	90 - 110	0	20

Lab Sample ID: 680-247074-D-1 MS
Matrix: Water
Analysis Batch: 78891

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		
Fluoride	<0.20		5.00	5.37		mg/L		107	80 - 120		
Chloride	3.2		5.00	8.40		mg/L		105	80 - 120		
Sulfate	2.8		5.00	8.37		mg/L		112	80 - 120		

Lab Sample ID: 680-247074-D-1 MSD
Matrix: Water
Analysis Batch: 78891

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
Fluoride	<0.20		5.00	5.42		mg/L		108	80 - 120	1	20
Chloride	3.2		5.00	8.42		mg/L		105	80 - 120	0	20
Sulfate	2.8		5.00	8.42		mg/L		113	80 - 120	1	20

Lab Sample ID: 680-247150-5 MS
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-GWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	<0.20		5.00	5.64		mg/L		113	80 - 120		
Chloride	2.1		5.00	7.46		mg/L		107	80 - 120		
Sulfate	1.1		5.00	6.86		mg/L		114	80 - 120		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-247150-5 MSD
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-GWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.63		mg/L		113	80 - 120	0	20
Chloride	2.1		5.00	7.46		mg/L		107	80 - 120	0	20
Sulfate	1.1		5.00	6.90		mg/L		115	80 - 120	1	20

Lab Sample ID: 680-247150-13 MS
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-LF-FB-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.20		5.00	5.59		mg/L		112	80 - 120
Chloride	<0.20		5.00	5.44		mg/L		109	80 - 120
Sulfate	<0.50		5.00	5.60		mg/L		112	80 - 120

Lab Sample ID: 680-247150-13 MSD
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-LF-FB-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.59		mg/L		112	80 - 120	0	20
Chloride	<0.20		5.00	5.45		mg/L		109	80 - 120	0	20
Sulfate	<0.50		5.00	5.59		mg/L		112	80 - 120	0	20

Lab Sample ID: 680-247150-14 MS
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-LF-EB-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.20		5.00	5.57		mg/L		111	80 - 120
Chloride	<0.20		5.00	5.51		mg/L		110	80 - 120
Sulfate	<0.50		5.00	5.59		mg/L		112	80 - 120

Lab Sample ID: 680-247150-14 MSD
Matrix: Water
Analysis Batch: 78891

Client Sample ID: WAN-LF-EB-06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.58		mg/L		112	80 - 120	0	20
Chloride	<0.20		5.00	5.51		mg/L		110	80 - 120	0	20
Sulfate	<0.50		5.00	5.61		mg/L		112	80 - 120	0	20

Lab Sample ID: MB 670-79096/6
Matrix: Water
Analysis Batch: 79096

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.20		0.40	0.20	mg/L			03/05/24 10:33	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/24 10:33	1
Sulfate	<0.50		1.0	0.50	mg/L			03/05/24 10:33	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 670-79096/4
Matrix: Water
Analysis Batch: 79096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			4.00	4.07		mg/L		102	90 - 110		
Chloride			4.00	3.99		mg/L		100	90 - 110		
Sulfate			4.00	3.99		mg/L		100	90 - 110		

Lab Sample ID: LCSD 670-79096/5
Matrix: Water
Analysis Batch: 79096

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
Fluoride			4.00	4.08		mg/L		102	90 - 110	0	20
Chloride			4.00	3.99		mg/L		100	90 - 110	0	20
Sulfate			4.00	3.98		mg/L		100	90 - 110	0	20

Lab Sample ID: 680-247150-15 MS
Matrix: Water
Analysis Batch: 79096

Client Sample ID: WAN-LF-EB-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	<0.20		5.00	5.45		mg/L		109	80 - 120		
Chloride	0.22	J	5.00	5.34		mg/L		102	80 - 120		
Sulfate	<0.50		5.00	5.46		mg/L		109	80 - 120		

Lab Sample ID: 680-247150-15 MSD
Matrix: Water
Analysis Batch: 79096

Client Sample ID: WAN-LF-EB-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.20		5.00	5.44		mg/L		109	80 - 120	0	20
Chloride	0.22	J	5.00	5.35		mg/L		103	80 - 120	0	20
Sulfate	<0.50		5.00	5.47		mg/L		109	80 - 120	0	20

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-825136/1002
Matrix: Water
Analysis Batch: 825136

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			02/29/24 11:14	1
Fluoride	<0.040		0.10	0.040	mg/L			02/29/24 11:14	1
Sulfate	<0.40		1.0	0.40	mg/L			02/29/24 11:14	1

Lab Sample ID: LCS 680-825136/4
Matrix: Water
Analysis Batch: 825136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	4.71		mg/L		94	90 - 110		
Fluoride			1.00	0.935		mg/L		94	90 - 110		
Sulfate			20.0	17.8	*-	mg/L		89	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: LCSD 680-825136/5
Matrix: Water
Analysis Batch: 825136

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			5.00	4.72		mg/L		94	90 - 110	0	15
Fluoride			1.00	0.926		mg/L		93	90 - 110	1	15
Sulfate			20.0	17.6	*-	mg/L		88	90 - 110	1	15

Lab Sample ID: 752-16771-B-1 MS
Matrix: Water
Analysis Batch: 825136

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	1.6		5.00	5.96		mg/L		87	80 - 120
Fluoride	<0.040		1.00	0.855		mg/L		86	80 - 120
Sulfate	9.2	*-	5.00	13.3		mg/L		83	80 - 120

Lab Sample ID: 752-16771-B-1 MSD
Matrix: Water
Analysis Batch: 825136

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	1.6		5.00	5.87		mg/L		85	80 - 120	1	15
Fluoride	<0.040		1.00	0.872		mg/L		87	80 - 120	2	15
Sulfate	9.2	*-	5.00	13.4		mg/L		83	80 - 120	0	15

Lab Sample ID: MB 680-825238/36
Matrix: Water
Analysis Batch: 825238

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			02/29/24 18:10	1
Fluoride	<0.040		0.10	0.040	mg/L			02/29/24 18:10	1
Sulfate	<0.40		1.0	0.40	mg/L			02/29/24 18:10	1

Lab Sample ID: LCS 680-825238/100
Matrix: Water
Analysis Batch: 825238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			5.00	4.56		mg/L		91	90 - 110
Fluoride			1.00	0.918		mg/L		92	90 - 110
Sulfate			20.0	16.8	*-	mg/L		84	90 - 110

Lab Sample ID: LCSD 680-825238/99
Matrix: Water
Analysis Batch: 825238

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			5.00	4.63		mg/L		93	90 - 110	2	15
Fluoride			1.00	0.897		mg/L		90	90 - 110	2	15
Sulfate			20.0	17.1	*-	mg/L		86	90 - 110	2	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-246862-H-9 MS
Matrix: Water
Analysis Batch: 825238

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	1.6		5.00	5.90		mg/L		87	80 - 120
Fluoride	<0.040		1.00	0.861		mg/L		86	80 - 120
Sulfate	0.56	J *- F1	5.00	4.26	F1	mg/L		74	80 - 120

Lab Sample ID: 680-246862-H-9 MSD
Matrix: Water
Analysis Batch: 825238

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	1.6		5.00	5.66		mg/L		82	80 - 120	4	15
Fluoride	<0.040		1.00	0.828		mg/L		83	80 - 120	4	15
Sulfate	0.56	J *- F1	5.00	4.15	F1	mg/L		72	80 - 120	3	15

Lab Sample ID: MB 680-825241/67
Matrix: Water
Analysis Batch: 825241

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			03/01/24 00:56	1
Fluoride	<0.040		0.10	0.040	mg/L			03/01/24 00:56	1
Sulfate	<0.40		1.0	0.40	mg/L			03/01/24 00:56	1

Lab Sample ID: LCS 680-825241/102
Matrix: Water
Analysis Batch: 825241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.16	*-	mg/L		83	90 - 110
Fluoride	1.00	0.832	*-	mg/L		83	90 - 110
Sulfate	20.0	15.3	*-	mg/L		77	90 - 110

Lab Sample ID: LCSD 680-825241/101
Matrix: Water
Analysis Batch: 825241

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	5.00	4.21	*-	mg/L		84	90 - 110	1	15
Fluoride	1.00	0.861	*-	mg/L		86	90 - 110	3	15
Sulfate	20.0	15.4	*-	mg/L		77	90 - 110	0	15

Lab Sample ID: 680-246863-5 MS
Matrix: Water
Analysis Batch: 825241

Client Sample ID: WAN-GWA-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.93	J *-	5.00	5.08		mg/L		83	80 - 120
Fluoride	1.2	*-	1.00	2.03		mg/L		81	80 - 120
Sulfate	3.3	*- F1	5.00	6.86	F1	mg/L		72	80 - 120

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-246863-5 MSD
Matrix: Water
Analysis Batch: 825241

Client Sample ID: WAN-GWA-29
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.93	J *-	5.00	5.44		mg/L		90	80 - 120	7	15
Fluoride	1.2	*-	1.00	2.18		mg/L		96	80 - 120	7	15
Sulfate	3.3	*- F1	5.00	7.45		mg/L		84	80 - 120	8	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-823457/1-A
Matrix: Water
Analysis Batch: 824202

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 823457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/24 05:27	02/22/24 14:53	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:27	02/22/24 14:53	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/24 05:27	02/22/24 14:53	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:27	02/22/24 14:53	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:27	02/22/24 14:53	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:27	02/22/24 14:53	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/24 05:27	02/22/24 14:53	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:27	02/22/24 14:53	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:27	02/22/24 14:53	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:27	02/22/24 14:53	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:27	02/22/24 14:53	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:27	02/22/24 14:53	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:27	02/22/24 14:53	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:27	02/22/24 14:53	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:27	02/22/24 14:53	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:27	02/22/24 14:53	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:27	02/22/24 14:53	1

Lab Sample ID: LCS 680-823457/2-A
Matrix: Water
Analysis Batch: 824202

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 823457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0502		mg/L		100	80 - 120
Arsenic	0.100	0.0973		mg/L		97	80 - 120
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.0500	0.0516		mg/L		103	80 - 120
Boron	0.400	0.391		mg/L		98	80 - 120
Cadmium	0.0500	0.0516		mg/L		103	80 - 120
Calcium	5.00	4.83		mg/L		97	80 - 120
Chromium	0.100	0.101		mg/L		100	80 - 120
Cobalt	0.0500	0.0513		mg/L		103	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.464		mg/L		93	80 - 120
Nickel	0.100	0.0958		mg/L		96	80 - 120
Selenium	0.100	0.0971		mg/L		97	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Thallium	0.0500	0.0497		mg/L		99	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-823457/2-A
Matrix: Water
Analysis Batch: 824202

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 823457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.100	0.0985		mg/L		98	80 - 120
Zinc	0.0505	0.0506		mg/L		100	80 - 120

Lab Sample ID: 680-246862-F-1-B MS
Matrix: Water
Analysis Batch: 824202

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 823457

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0554		mg/L		111	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.047		0.100	0.155		mg/L		108	75 - 125
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125
Boron	<0.022		0.400	0.430		mg/L		108	75 - 125
Cadmium	<0.000078		0.0500	0.0572		mg/L		114	75 - 125
Calcium	1.3		5.00	6.53		mg/L		104	75 - 125
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125
Cobalt	0.00064	J	0.0500	0.0564		mg/L		112	75 - 125
Copper	<0.0011		0.101	0.113		mg/L		112	75 - 125
Lead	<0.00021		0.500	0.508		mg/L		102	75 - 125
Nickel	0.0039		0.100	0.104		mg/L		100	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Silver	<0.00039		0.0500	0.0543		mg/L		109	75 - 125
Thallium	<0.00026		0.0500	0.0551		mg/L		110	75 - 125
Vanadium	<0.00063		0.100	0.106		mg/L		106	75 - 125
Zinc	0.0077		0.0505	0.0622		mg/L		108	75 - 125

Lab Sample ID: 680-246862-F-1-C MSD
Matrix: Water
Analysis Batch: 824202

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 823457

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125	8	20
Arsenic	<0.00086		0.100	0.0977		mg/L		98	75 - 125	8	20
Barium	0.047		0.100	0.145		mg/L		98	75 - 125	7	20
Beryllium	<0.00020		0.0500	0.0522		mg/L		104	75 - 125	6	20
Boron	<0.022		0.400	0.410		mg/L		103	75 - 125	5	20
Cadmium	<0.000078		0.0500	0.0530		mg/L		106	75 - 125	8	20
Calcium	1.3		5.00	6.14		mg/L		97	75 - 125	6	20
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125	6	20
Cobalt	0.00064	J	0.0500	0.0523		mg/L		103	75 - 125	8	20
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125	5	20
Lead	<0.00021		0.500	0.474		mg/L		95	75 - 125	7	20
Nickel	0.0039		0.100	0.0974		mg/L		93	75 - 125	7	20
Selenium	<0.00099		0.100	0.0967		mg/L		97	75 - 125	9	20
Silver	<0.00039		0.0500	0.0537		mg/L		107	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0508		mg/L		102	75 - 125	8	20
Vanadium	<0.00063		0.100	0.0993		mg/L		99	75 - 125	6	20
Zinc	0.0077		0.0505	0.0589		mg/L		101	75 - 125	6	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-823460/1-A
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 823460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/24 05:36	02/21/24 08:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:36	02/21/24 08:50	1
Barium	<0.00089		0.010	0.00089	mg/L		02/20/24 05:36	02/21/24 08:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:36	02/21/24 08:50	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:36	02/21/24 08:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:36	02/21/24 08:50	1
Calcium	<0.14		0.50	0.14	mg/L		02/20/24 05:36	02/21/24 08:50	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:36	02/21/24 08:50	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:36	02/21/24 08:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:36	02/21/24 08:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:36	02/21/24 08:50	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:36	02/21/24 08:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:36	02/21/24 08:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:36	02/21/24 08:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:36	02/21/24 08:50	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:36	02/21/24 08:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:36	02/21/24 08:50	1

Lab Sample ID: LCS 680-823460/2-A
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 823460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0544		mg/L		109	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.100	0.0996		mg/L		100	80 - 120
Beryllium	0.0500	0.0497		mg/L		99	80 - 120
Boron	0.400	0.385		mg/L		96	80 - 120
Cadmium	0.0500	0.0508		mg/L		102	80 - 120
Calcium	5.00	5.02		mg/L		100	80 - 120
Chromium	0.100	0.0991		mg/L		99	80 - 120
Cobalt	0.0500	0.0505		mg/L		101	80 - 120
Copper	0.101	0.107		mg/L		106	80 - 120
Lead	0.500	0.474		mg/L		95	80 - 120
Nickel	0.100	0.0988		mg/L		99	80 - 120
Selenium	0.100	0.0943		mg/L		94	80 - 120
Silver	0.0500	0.0510		mg/L		102	80 - 120
Thallium	0.0500	0.0511		mg/L		102	80 - 120
Vanadium	0.100	0.0974		mg/L		97	80 - 120
Zinc	0.0505	0.0509		mg/L		101	80 - 120

Lab Sample ID: 680-246863-2 MS
Matrix: Water
Analysis Batch: 823730

Client Sample ID: WAN-GWA-2
Prep Type: Total Recoverable
Prep Batch: 823460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0566		mg/L		113	75 - 125
Arsenic	<0.00086		0.100	0.102		mg/L		102	75 - 125
Barium	0.014		0.100	0.116		mg/L		102	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-246863-2 MS
Matrix: Water
Analysis Batch: 823730

Client Sample ID: WAN-GWA-2
Prep Type: Total Recoverable
Prep Batch: 823460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00020		0.0500	0.0515		mg/L		103	75 - 125
Boron	<0.022		0.400	0.439		mg/L		110	75 - 125
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125
Calcium	3.4		5.00	8.52		mg/L		103	75 - 125
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125
Copper	<0.0011		0.101	0.112		mg/L		111	75 - 125
Lead	0.0012		0.500	0.501		mg/L		100	75 - 125
Nickel	0.00078	J	0.100	0.103		mg/L		103	75 - 125
Selenium	<0.00099		0.100	0.0984		mg/L		98	75 - 125
Silver	<0.00039		0.0500	0.0578		mg/L		116	75 - 125
Thallium	<0.00026		0.0500	0.0554		mg/L		111	75 - 125
Vanadium	<0.00063		0.100	0.103		mg/L		103	75 - 125
Zinc	0.0031	J	0.0505	0.0535		mg/L		100	75 - 125

Lab Sample ID: 680-246863-2 MSD
Matrix: Water
Analysis Batch: 823730

Client Sample ID: WAN-GWA-2
Prep Type: Total Recoverable
Prep Batch: 823460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0534		mg/L		107	75 - 125	6	20
Arsenic	<0.00086		0.100	0.0970		mg/L		97	75 - 125	5	20
Barium	0.014		0.100	0.112		mg/L		98	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0511		mg/L		102	75 - 125	1	20
Boron	<0.022		0.400	0.422		mg/L		106	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0507		mg/L		101	75 - 125	6	20
Calcium	3.4		5.00	8.32		mg/L		99	75 - 125	2	20
Chromium	<0.0012		0.100	0.0979		mg/L		97	75 - 125	6	20
Cobalt	<0.00022		0.0500	0.0501		mg/L		100	75 - 125	6	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	6	20
Lead	0.0012		0.500	0.482		mg/L		96	75 - 125	4	20
Nickel	0.00078	J	0.100	0.0985		mg/L		98	75 - 125	5	20
Selenium	<0.00099		0.100	0.0922		mg/L		92	75 - 125	6	20
Silver	<0.00039		0.0500	0.0501		mg/L		100	75 - 125	14	20
Thallium	<0.00026		0.0500	0.0521		mg/L		104	75 - 125	6	20
Vanadium	<0.00063		0.100	0.0964		mg/L		96	75 - 125	7	20
Zinc	0.0031	J	0.0505	0.0504		mg/L		94	75 - 125	6	20

Lab Sample ID: MB 680-823462/1-A
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/20/24 05:47	02/20/24 16:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/20/24 05:47	02/20/24 16:01	1
Barium	0.000920	J	0.010	0.00089	mg/L		02/20/24 05:47	02/20/24 16:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/20/24 05:47	02/20/24 16:01	1
Boron	<0.022		0.080	0.022	mg/L		02/20/24 05:47	02/20/24 16:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/20/24 05:47	02/20/24 16:01	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-823462/1-A
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.14		0.50	0.14	mg/L		02/20/24 05:47	02/20/24 16:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/20/24 05:47	02/20/24 16:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/20/24 05:47	02/20/24 16:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/20/24 05:47	02/20/24 16:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/20/24 05:47	02/20/24 16:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/20/24 05:47	02/20/24 16:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/20/24 05:47	02/20/24 16:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/20/24 05:47	02/20/24 16:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/20/24 05:47	02/20/24 16:01	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/20/24 05:47	02/20/24 16:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/20/24 05:47	02/20/24 16:01	1

Lab Sample ID: LCS 680-823462/2-A
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0526		mg/L		105	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.0928		mg/L		93	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.400	0.421		mg/L		105	80 - 120
Cadmium	0.0500	0.0479		mg/L		96	80 - 120
Calcium	5.00	5.01		mg/L		100	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.0500	0.0529		mg/L		106	80 - 120
Copper	0.101	0.111		mg/L		110	80 - 120
Lead	0.500	0.478		mg/L		96	80 - 120
Nickel	0.100	0.104		mg/L		104	80 - 120
Selenium	0.100	0.0921		mg/L		92	80 - 120
Silver	0.0500	0.0483		mg/L		97	80 - 120
Thallium	0.0500	0.0524		mg/L		105	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.0505	0.0519		mg/L		103	80 - 120

Lab Sample ID: 680-246872-F-5-B MS
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0561		mg/L		112	75 - 125
Arsenic	<0.00086		0.100	0.101		mg/L		101	75 - 125
Barium	0.031	B	0.100	0.140		mg/L		109	75 - 125
Beryllium	<0.00020		0.0500	0.0504		mg/L		101	75 - 125
Boron	<0.022		0.400	0.442		mg/L		110	75 - 125
Cadmium	<0.000078		0.0500	0.0523		mg/L		105	75 - 125
Calcium	31		5.00	36.4	4	mg/L		106	75 - 125
Chromium	<0.0012		0.100	0.100		mg/L		100	75 - 125
Cobalt	<0.00022		0.0500	0.0513		mg/L		103	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-246872-F-5-B MS
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.493		mg/L		99	75 - 125
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125
Selenium	<0.00099		0.100	0.0964		mg/L		96	75 - 125
Silver	<0.00039		0.0500	0.0524		mg/L		105	75 - 125
Thallium	<0.00026		0.0500	0.0534		mg/L		107	75 - 125
Vanadium	<0.00063		0.100	0.0978		mg/L		98	75 - 125
Zinc	<0.0028		0.0505	0.0518		mg/L		103	75 - 125

Lab Sample ID: 680-246872-F-5-C MSD
Matrix: Water
Analysis Batch: 823730

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 823462

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0577		mg/L		115	75 - 125	3	20
Arsenic	<0.00086		0.100	0.102		mg/L		102	75 - 125	1	20
Barium	0.031	B	0.100	0.134		mg/L		103	75 - 125	4	20
Beryllium	<0.00020		0.0500	0.0511		mg/L		102	75 - 125	1	20
Boron	<0.022		0.400	0.422		mg/L		105	75 - 125	5	20
Cadmium	<0.000078		0.0500	0.0539		mg/L		108	75 - 125	3	20
Calcium	31		5.00	34.8	4	mg/L		74	75 - 125	4	20
Chromium	<0.0012		0.100	0.102		mg/L		102	75 - 125	2	20
Cobalt	<0.00022		0.0500	0.0514		mg/L		103	75 - 125	0	20
Copper	<0.0011		0.101	0.107		mg/L		106	75 - 125	1	20
Lead	<0.00021		0.500	0.498		mg/L		100	75 - 125	1	20
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125	0	20
Selenium	<0.00099		0.100	0.0967		mg/L		97	75 - 125	0	20
Silver	<0.00039		0.0500	0.0528		mg/L		106	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0549		mg/L		110	75 - 125	3	20
Vanadium	<0.00063		0.100	0.103		mg/L		103	75 - 125	5	20
Zinc	<0.0028		0.0505	0.0532		mg/L		105	75 - 125	3	20

Lab Sample ID: MB 680-824108/1-A
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/23/24 05:22	02/23/24 17:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:22	02/23/24 17:22	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:22	02/23/24 17:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:22	02/23/24 17:22	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:22	02/23/24 17:22	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:22	02/23/24 17:22	1
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:22	02/23/24 17:22	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/23/24 05:22	02/23/24 17:22	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:22	02/23/24 17:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:22	02/23/24 17:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:22	02/23/24 17:22	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:22	02/23/24 17:22	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-824108/1-A
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:22	02/23/24 17:22	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:22	02/23/24 17:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:22	02/23/24 17:22	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:22	02/23/24 17:22	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:22	02/23/24 17:22	1

Lab Sample ID: LCS 680-824108/2-A
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0508		mg/L		102	80 - 120
Arsenic	0.100	0.0984		mg/L		98	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0570		mg/L		114	80 - 120
Boron	0.400	0.440		mg/L		110	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.14		mg/L		103	80 - 120
Chromium	0.100	0.106		mg/L		105	80 - 120
Cobalt	0.0500	0.0545		mg/L		109	80 - 120
Copper	0.101	0.111		mg/L		110	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.0936		mg/L		94	80 - 120
Silver	0.0500	0.0518		mg/L		104	80 - 120
Thallium	0.0500	0.0538		mg/L		108	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Zinc	0.0505	0.0499		mg/L		99	80 - 120

Lab Sample ID: 680-246993-A-3-E MS
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0510		mg/L		102	75 - 125
Arsenic	<0.00086		0.100	0.0970		mg/L		97	75 - 125
Barium	0.13		0.100	0.223		mg/L		98	75 - 125
Beryllium	<0.00020		0.0500	0.0546		mg/L		109	75 - 125
Boron	0.11		0.400	0.523		mg/L		104	75 - 125
Cadmium	<0.000078		0.0500	0.0523		mg/L		105	75 - 125
Calcium	33		5.00	35.9	4	mg/L		56	75 - 125
Chromium	<0.0012		0.100	0.107		mg/L		107	75 - 125
Cobalt	<0.00022		0.0500	0.0538		mg/L		108	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	0.00025	J	0.500	0.479		mg/L		96	75 - 125
Nickel	<0.00042		0.100	0.0983		mg/L		98	75 - 125
Selenium	0.0029	J	0.100	0.0920		mg/L		89	75 - 125
Silver	<0.00039		0.0500	0.0514		mg/L		103	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-246993-A-3-E MS
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.0028		0.100	0.107		mg/L		104	75 - 125
Zinc	<0.0028		0.0505	0.0492		mg/L		97	75 - 125

Lab Sample ID: 680-246993-A-3-F MSD
Matrix: Water
Analysis Batch: 824322

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824108

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	2	20
Arsenic	<0.00086		0.100	0.0985		mg/L		99	75 - 125	2	20
Barium	0.13		0.100	0.224		mg/L		99	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0582		mg/L		116	75 - 125	6	20
Boron	0.11		0.400	0.544		mg/L		110	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0541		mg/L		108	75 - 125	3	20
Calcium	33		5.00	36.1	4	mg/L		59	75 - 125	0	20
Chromium	<0.0012		0.100	0.108		mg/L		107	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0545		mg/L		109	75 - 125	1	20
Copper	<0.0011		0.101	0.110		mg/L		109	75 - 125	1	20
Lead	0.00025	J	0.500	0.503		mg/L		101	75 - 125	5	20
Nickel	<0.00042		0.100	0.101		mg/L		101	75 - 125	3	20
Selenium	0.0029	J	0.100	0.0961		mg/L		93	75 - 125	4	20
Silver	<0.00039		0.0500	0.0534		mg/L		107	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0541		mg/L		108	75 - 125	3	20
Vanadium	0.0028		0.100	0.108		mg/L		105	75 - 125	0	20
Zinc	<0.0028		0.0505	0.0543		mg/L		108	75 - 125	10	20

Lab Sample ID: MB 680-824116/1-A
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/23/24 05:57	02/23/24 22:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/23/24 22:11	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:57	02/23/24 22:11	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/23/24 22:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/23/24 22:11	1
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:57	02/23/24 22:11	1
Chromium	0.00150	J	0.0020	0.0012	mg/L		02/23/24 05:57	02/23/24 22:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/23/24 22:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/23/24 22:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/23/24 22:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/23/24 22:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/23/24 22:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/23/24 22:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/23/24 22:11	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/23/24 22:11	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/23/24 22:11	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-824116/1-A
Matrix: Water
Analysis Batch: 824440

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/25/24 11:29	1

Lab Sample ID: LCS 680-824116/2-A
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0516		mg/L		103	80 - 120
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0566		mg/L		113	80 - 120
Cadmium	0.0500	0.0508		mg/L		102	80 - 120
Calcium	5.00	4.79		mg/L		96	80 - 120
Chromium	0.100	0.112		mg/L		112	80 - 120
Cobalt	0.0500	0.0503		mg/L		101	80 - 120
Copper	0.101	0.113		mg/L		112	80 - 120
Lead	0.500	0.479		mg/L		96	80 - 120
Nickel	0.100	0.100		mg/L		100	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0513		mg/L		103	80 - 120
Thallium	0.0500	0.0498		mg/L		100	80 - 120
Vanadium	0.100	0.108		mg/L		108	80 - 120
Zinc	0.0505	0.0515		mg/L		102	80 - 120

Lab Sample ID: LCS 680-824116/2-A
Matrix: Water
Analysis Batch: 824440

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.377		mg/L		94	80 - 120

Lab Sample ID: 680-247015-E-1-E MS
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0561		mg/L		112	75 - 125
Arsenic	<0.00086		0.100	0.114		mg/L		114	75 - 125
Barium	0.19		0.100	0.309		mg/L		116	75 - 125
Beryllium	<0.00020		0.0500	0.0573		mg/L		115	75 - 125
Cadmium	<0.000078		0.0500	0.0545		mg/L		109	75 - 125
Calcium	71		5.00	72.9	4	mg/L		41	75 - 125
Chromium	0.0014	J B	0.100	0.121		mg/L		120	75 - 125
Cobalt	<0.00022		0.0500	0.0558		mg/L		112	75 - 125
Copper	<0.0011		0.101	0.117		mg/L		116	75 - 125
Lead	0.0019		0.500	0.489		mg/L		97	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Selenium	<0.00099		0.100	0.0902		mg/L		90	75 - 125
Silver	<0.00039		0.0500	0.0546		mg/L		109	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-247015-E-1-E MS
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	<0.00026		0.0500	0.0510		mg/L		102	75 - 125
Vanadium	<0.00063		0.100	0.119		mg/L		119	75 - 125
Zinc	<0.0028		0.0505	0.0552		mg/L		109	75 - 125

Lab Sample ID: 680-247015-E-1-E MS
Matrix: Water
Analysis Batch: 824440

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.51	F1	0.400	0.789	F1	mg/L		70	75 - 125

Lab Sample ID: 680-247015-E-1-F MSD
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0561		mg/L		112	75 - 125	0	20
Arsenic	<0.00086		0.100	0.112		mg/L		112	75 - 125	2	20
Barium	0.19		0.100	0.309		mg/L		116	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0577		mg/L		115	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0547		mg/L		109	75 - 125	0	20
Calcium	71		5.00	72.8	4	mg/L		38	75 - 125	0	20
Chromium	0.0014	J B	0.100	0.121		mg/L		120	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0541		mg/L		108	75 - 125	3	20
Copper	<0.0011		0.101	0.115		mg/L		114	75 - 125	2	20
Lead	0.0019		0.500	0.488		mg/L		97	75 - 125	0	20
Nickel	<0.00042		0.100	0.104		mg/L		104	75 - 125	2	20
Selenium	<0.00099		0.100	0.0921		mg/L		92	75 - 125	2	20
Silver	<0.00039		0.0500	0.0541		mg/L		108	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0513		mg/L		103	75 - 125	1	20
Vanadium	<0.00063		0.100	0.120		mg/L		120	75 - 125	2	20
Zinc	<0.0028		0.0505	0.0545		mg/L		108	75 - 125	1	20

Lab Sample ID: 680-247015-E-1-F MSD
Matrix: Water
Analysis Batch: 824440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.51	F1	0.400	0.790	F1	mg/L		70	75 - 125	0	20

Lab Sample ID: MB 680-824118/1-A
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/23/24 05:57	02/24/24 00:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/23/24 05:57	02/24/24 00:00	1
Barium	<0.00089		0.010	0.00089	mg/L		02/23/24 05:57	02/24/24 00:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/23/24 05:57	02/24/24 00:00	1
Boron	<0.022		0.080	0.022	mg/L		02/23/24 05:57	02/24/24 00:00	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-824118/1-A
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/23/24 05:57	02/24/24 00:00	1
Calcium	<0.14		0.50	0.14	mg/L		02/23/24 05:57	02/24/24 00:00	1
Chromium	0.00144	J	0.0020	0.0012	mg/L		02/23/24 05:57	02/24/24 00:00	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/23/24 05:57	02/24/24 00:00	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/23/24 05:57	02/24/24 00:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/23/24 05:57	02/24/24 00:00	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/23/24 05:57	02/24/24 00:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/23/24 05:57	02/24/24 00:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/23/24 05:57	02/24/24 00:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/23/24 05:57	02/24/24 00:00	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/23/24 05:57	02/24/24 00:00	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/23/24 05:57	02/24/24 00:00	1

Lab Sample ID: LCS 680-824118/2-A
Matrix: Water
Analysis Batch: 824321

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0514		mg/L		103	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.400	0.418		mg/L		104	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Calcium	5.00	4.97		mg/L		99	80 - 120
Chromium	0.100	0.117		mg/L		117	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Copper	0.101	0.112		mg/L		111	80 - 120
Lead	0.500	0.493		mg/L		99	80 - 120
Nickel	0.100	0.0995		mg/L		100	80 - 120
Selenium	0.100	0.109		mg/L		109	80 - 120
Silver	0.0500	0.0517		mg/L		103	80 - 120
Thallium	0.0500	0.0509		mg/L		102	80 - 120
Vanadium	0.100	0.114		mg/L		114	80 - 120
Zinc	0.0505	0.0525		mg/L		104	80 - 120

Lab Sample ID: 680-247011-11 MS
Matrix: Water
Analysis Batch: 824321

Client Sample ID: WAN-GWC-27
Prep Type: Total Recoverable
Prep Batch: 824118

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	0.106		mg/L		106	75 - 125
Barium	0.013		0.100	0.118		mg/L		105	75 - 125
Beryllium	0.0038		0.0500	0.0611		mg/L		115	75 - 125
Boron	<0.022		0.400	0.446		mg/L		112	75 - 125
Cadmium	<0.000078		0.0500	0.0507		mg/L		101	75 - 125
Calcium	1.7		5.00	6.44		mg/L		94	75 - 125
Chromium	0.0014	J B	0.100	0.115		mg/L		113	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-247011-11 MS
Matrix: Water
Analysis Batch: 824321

Client Sample ID: WAN-GWC-27
Prep Type: Total Recoverable
Prep Batch: 824118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.0010	J	0.0500	0.0537		mg/L		105	75 - 125
Copper	<0.0011		0.101	0.113		mg/L		112	75 - 125
Lead	<0.00021		0.500	0.490		mg/L		98	75 - 125
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125
Selenium	<0.00099		0.100	0.108		mg/L		108	75 - 125
Silver	<0.00039		0.0500	0.0531		mg/L		106	75 - 125
Thallium	<0.00026		0.0500	0.0504		mg/L		101	75 - 125
Vanadium	<0.00063		0.100	0.111		mg/L		111	75 - 125
Zinc	<0.0028		0.0505	0.0527		mg/L		104	75 - 125

Lab Sample ID: 680-247011-11 MSD
Matrix: Water
Analysis Batch: 824321

Client Sample ID: WAN-GWC-27
Prep Type: Total Recoverable
Prep Batch: 824118

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	1	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	2	20
Barium	0.013		0.100	0.117		mg/L		104	75 - 125	0	20
Beryllium	0.0038		0.0500	0.0578		mg/L		108	75 - 125	6	20
Boron	<0.022		0.400	0.427		mg/L		107	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0490		mg/L		98	75 - 125	3	20
Calcium	1.7		5.00	6.37		mg/L		93	75 - 125	1	20
Chromium	0.0014	J B	0.100	0.113		mg/L		111	75 - 125	2	20
Cobalt	0.0010	J	0.0500	0.0511		mg/L		100	75 - 125	5	20
Copper	<0.0011		0.101	0.111		mg/L		110	75 - 125	2	20
Lead	<0.00021		0.500	0.477		mg/L		95	75 - 125	3	20
Nickel	<0.00042		0.100	0.0968		mg/L		97	75 - 125	4	20
Selenium	<0.00099		0.100	0.107		mg/L		107	75 - 125	2	20
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0499		mg/L		100	75 - 125	1	20
Vanadium	<0.00063		0.100	0.110		mg/L		110	75 - 125	1	20
Zinc	<0.0028		0.0505	0.0534		mg/L		106	75 - 125	1	20

Lab Sample ID: MB 680-824663/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/24 04:52	02/27/24 18:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 18:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 18:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 18:07	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 18:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 18:07	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 18:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 18:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 18:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 18:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 18:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-824663/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.000445	J	0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 18:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 18:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 18:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 18:07	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 18:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 18:07	1

Lab Sample ID: LCS 680-824663/2-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0541		mg/L		108	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.0500	0.0547		mg/L		109	80 - 120
Boron	0.400	0.428		mg/L		107	80 - 120
Cadmium	0.0500	0.0552		mg/L		110	80 - 120
Calcium	5.00	5.31		mg/L		106	80 - 120
Chromium	0.100	0.110		mg/L		109	80 - 120
Cobalt	0.0500	0.0560		mg/L		112	80 - 120
Copper	0.101	0.112		mg/L		111	80 - 120
Lead	0.500	0.504		mg/L		101	80 - 120
Nickel	0.100	0.111		mg/L		111	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Silver	0.0500	0.0530		mg/L		106	80 - 120
Thallium	0.0500	0.0553		mg/L		111	80 - 120
Vanadium	0.100	0.108		mg/L		108	80 - 120
Zinc	0.0505	0.0550		mg/L		109	80 - 120

Lab Sample ID: 400-251615-D-1-B MS
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00067	J	0.0500	0.0547		mg/L		108	75 - 125
Arsenic	0.0069		0.100	0.112		mg/L		105	75 - 125
Barium	0.12		0.100	0.226		mg/L		108	75 - 125
Beryllium	<0.00020		0.0500	0.0550		mg/L		110	75 - 125
Boron	<0.022		0.400	0.434		mg/L		108	75 - 125
Cadmium	<0.000078		0.0500	0.0550		mg/L		110	75 - 125
Calcium	92		5.00	96.1	4	mg/L		92	75 - 125
Chromium	<0.0012		0.100	0.107		mg/L		107	75 - 125
Cobalt	0.00077	J	0.0500	0.0550		mg/L		108	75 - 125
Copper	0.0015	J	0.101	0.114		mg/L		112	75 - 125
Lead	0.0011		0.500	0.510		mg/L		102	75 - 125
Nickel	0.0038	B	0.100	0.113		mg/L		109	75 - 125
Selenium	<0.00099		0.100	0.102		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0525		mg/L		105	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-251615-D-1-B MS
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	<0.00026		0.0500	0.0559		mg/L		112	75 - 125
Vanadium	0.0021		0.100	0.109		mg/L		107	75 - 125
Zinc	0.034		0.0505	0.0881		mg/L		108	75 - 125

Lab Sample ID: 400-251615-D-1-C MSD
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 824663

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00067	J	0.0500	0.0542		mg/L		107	75 - 125	1	20
Arsenic	0.0069		0.100	0.114		mg/L		107	75 - 125	2	20
Barium	0.12		0.100	0.228		mg/L		109	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0552		mg/L		110	75 - 125	0	20
Boron	<0.022		0.400	0.442		mg/L		111	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0560		mg/L		112	75 - 125	2	20
Calcium	92		5.00	95.8	4	mg/L		87	75 - 125	0	20
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125	3	20
Cobalt	0.00077	J	0.0500	0.0560		mg/L		111	75 - 125	2	20
Copper	0.0015	J	0.101	0.114		mg/L		112	75 - 125	0	20
Lead	0.0011		0.500	0.509		mg/L		101	75 - 125	0	20
Nickel	0.0038	B	0.100	0.112		mg/L		108	75 - 125	1	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	3	20
Silver	<0.00039		0.0500	0.0531		mg/L		106	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0565		mg/L		113	75 - 125	1	20
Vanadium	0.0021		0.100	0.112		mg/L		110	75 - 125	3	20
Zinc	0.034		0.0505	0.0909		mg/L		113	75 - 125	3	20

Lab Sample ID: MB 680-824664/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/24 04:52	02/27/24 16:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:52	02/27/24 16:38	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:52	02/27/24 16:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:52	02/27/24 16:38	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:52	02/27/24 16:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:52	02/27/24 16:38	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:52	02/27/24 16:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:52	02/27/24 16:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:52	02/27/24 16:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:52	02/27/24 16:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:52	02/27/24 16:38	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:52	02/27/24 16:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:52	02/27/24 16:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:52	02/27/24 16:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:52	02/27/24 16:38	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:52	02/27/24 16:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:52	02/27/24 16:38	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-824664/2-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824664

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0557		mg/L		111	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.113		mg/L		113	80 - 120
Beryllium	0.0500	0.0563		mg/L		113	80 - 120
Boron	0.400	0.438		mg/L		110	80 - 120
Cadmium	0.0500	0.0565		mg/L		113	80 - 120
Calcium	5.00	5.50		mg/L		110	80 - 120
Chromium	0.100	0.113		mg/L		113	80 - 120
Cobalt	0.0500	0.0583		mg/L		117	80 - 120
Copper	0.101	0.116		mg/L		115	80 - 120
Lead	0.500	0.520		mg/L		104	80 - 120
Nickel	0.100	0.114		mg/L		114	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Silver	0.0500	0.0560		mg/L		112	80 - 120
Thallium	0.0500	0.0559		mg/L		112	80 - 120
Vanadium	0.100	0.112		mg/L		112	80 - 120
Zinc	0.0505	0.0577		mg/L		114	80 - 120

Lab Sample ID: 680-247150-8 MS
Matrix: Water
Analysis Batch: 824936

Client Sample ID: WAN-GWC-25
Prep Type: Total Recoverable
Prep Batch: 824664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0558		mg/L		112	75 - 125
Arsenic	<0.00086		0.100	0.109		mg/L		109	75 - 125
Barium	0.026		0.100	0.138		mg/L		113	75 - 125
Beryllium	<0.00020		0.0500	0.0546		mg/L		109	75 - 125
Boron	<0.022		0.400	0.431		mg/L		108	75 - 125
Cadmium	<0.000078		0.0500	0.0575		mg/L		115	75 - 125
Calcium	8.3		5.00	13.4		mg/L		103	75 - 125
Chromium	<0.0012		0.100	0.110		mg/L		109	75 - 125
Cobalt	0.0035		0.0500	0.0596		mg/L		112	75 - 125
Copper	<0.0011		0.101	0.116		mg/L		115	75 - 125
Lead	<0.00021		0.500	0.506		mg/L		101	75 - 125
Nickel	0.0038		0.100	0.114		mg/L		111	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Silver	<0.00039		0.0500	0.0539		mg/L		108	75 - 125
Thallium	<0.00026		0.0500	0.0557		mg/L		111	75 - 125
Vanadium	<0.00063		0.100	0.109		mg/L		109	75 - 125
Zinc	0.0042	J	0.0505	0.0612		mg/L		113	75 - 125

Lab Sample ID: 680-247150-8 MSD
Matrix: Water
Analysis Batch: 824936

Client Sample ID: WAN-GWC-25
Prep Type: Total Recoverable
Prep Batch: 824664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0580		mg/L		116	75 - 125	4	20
Arsenic	<0.00086		0.100	0.114		mg/L		114	75 - 125	5	20
Barium	0.026		0.100	0.143		mg/L		117	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-247150-8 MSD
Matrix: Water
Analysis Batch: 824936

Client Sample ID: WAN-GWC-25
Prep Type: Total Recoverable
Prep Batch: 824664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0574		mg/L		115	75 - 125	5	20
Boron	<0.022		0.400	0.476		mg/L		119	75 - 125	10	20
Cadmium	<0.000078		0.0500	0.0598		mg/L		120	75 - 125	4	20
Calcium	8.3		5.00	14.0		mg/L		115	75 - 125	4	20
Chromium	<0.0012		0.100	0.116		mg/L		115	75 - 125	5	20
Cobalt	0.0035		0.0500	0.0623		mg/L		118	75 - 125	4	20
Copper	<0.0011		0.101	0.120		mg/L		119	75 - 125	4	20
Lead	<0.00021		0.500	0.544		mg/L		109	75 - 125	7	20
Nickel	0.0038		0.100	0.120		mg/L		116	75 - 125	5	20
Selenium	<0.00099		0.100	0.112		mg/L		112	75 - 125	6	20
Silver	<0.00039		0.0500	0.0576		mg/L		115	75 - 125	6	20
Thallium	<0.00026		0.0500	0.0601		mg/L		120	75 - 125	8	20
Vanadium	<0.00063		0.100	0.115		mg/L		115	75 - 125	6	20
Zinc	0.0042	J	0.0505	0.0631		mg/L		117	75 - 125	3	20

Lab Sample ID: MB 680-824667/1-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 824667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/24 04:59	02/28/24 08:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/24 04:59	02/28/24 08:40	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/24 04:59	02/28/24 08:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/24 04:59	02/28/24 08:40	1
Boron	<0.022		0.080	0.022	mg/L		02/27/24 04:59	02/28/24 08:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/24 04:59	02/28/24 08:40	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/24 04:59	02/28/24 08:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/24 04:59	02/28/24 08:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/24 04:59	02/28/24 08:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/24 04:59	02/28/24 08:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/24 04:59	02/28/24 08:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/24 04:59	02/28/24 08:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/24 04:59	02/28/24 08:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/24 04:59	02/28/24 08:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/24 04:59	02/28/24 08:40	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/24 04:59	02/28/24 08:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/24 04:59	02/28/24 08:40	1

Lab Sample ID: LCS 680-824667/2-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0558		mg/L		112	80 - 120
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.100	0.113		mg/L		113	80 - 120
Beryllium	0.0500	0.0554		mg/L		111	80 - 120
Boron	0.400	0.434		mg/L		108	80 - 120
Cadmium	0.0500	0.0574		mg/L		115	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-824667/2-A
Matrix: Water
Analysis Batch: 824936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 824667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	5.00	5.56		mg/L		111	80 - 120
Chromium	0.100	0.113		mg/L		113	80 - 120
Cobalt	0.0500	0.0579		mg/L		116	80 - 120
Copper	0.101	0.115		mg/L		114	80 - 120
Lead	0.500	0.519		mg/L		104	80 - 120
Nickel	0.100	0.114		mg/L		114	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Silver	0.0500	0.0537		mg/L		107	80 - 120
Thallium	0.0500	0.0575		mg/L		115	80 - 120
Vanadium	0.100	0.111		mg/L		111	80 - 120
Zinc	0.0505	0.0573		mg/L		113	80 - 120

Lab Sample ID: 680-247150-1 MS
Matrix: Water
Analysis Batch: 824936

Client Sample ID: WAN-GWC-7
Prep Type: Total Recoverable
Prep Batch: 824667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0551		mg/L		110	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.066		0.100	0.177		mg/L		112	75 - 125
Beryllium	<0.00020		0.0500	0.0546		mg/L		109	75 - 125
Boron	0.035	J	0.400	0.456		mg/L		105	75 - 125
Cadmium	<0.000078		0.0500	0.0565		mg/L		113	75 - 125
Calcium	44		5.00	49.5	4	mg/L		108	75 - 125
Chromium	<0.0012		0.100	0.109		mg/L		108	75 - 125
Cobalt	0.00076	J	0.0500	0.0547		mg/L		108	75 - 125
Copper	<0.0011		0.101	0.112		mg/L		111	75 - 125
Lead	<0.00021		0.500	0.510		mg/L		102	75 - 125
Nickel	0.0082		0.100	0.116		mg/L		108	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0531		mg/L		106	75 - 125
Thallium	<0.00026		0.0500	0.0569		mg/L		114	75 - 125
Vanadium	0.0029		0.100	0.111		mg/L		108	75 - 125
Zinc	<0.0028		0.0505	0.0555		mg/L		110	75 - 125

Lab Sample ID: 680-247150-1 MSD
Matrix: Water
Analysis Batch: 824936

Client Sample ID: WAN-GWC-7
Prep Type: Total Recoverable
Prep Batch: 824667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0584		mg/L		117	75 - 125	6	20
Arsenic	<0.00086		0.100	0.113		mg/L		113	75 - 125	6	20
Barium	0.066		0.100	0.183		mg/L		118	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0581		mg/L		116	75 - 125	6	20
Boron	0.035	J	0.400	0.473		mg/L		110	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0594		mg/L		119	75 - 125	5	20
Calcium	44		5.00	48.8	4	mg/L		95	75 - 125	1	20
Chromium	<0.0012		0.100	0.120		mg/L		120	75 - 125	10	20
Cobalt	0.00076	J	0.0500	0.0586		mg/L		116	75 - 125	7	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-247150-1 MSD — **Client Sample ID: WAN-GWC-7**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 824936 — **Prep Batch: 824667**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	<0.0011		0.101	0.119		mg/L		118	75 - 125	6	20
Lead	<0.00021		0.500	0.540		mg/L		108	75 - 125	6	20
Nickel	0.0082		0.100	0.123		mg/L		115	75 - 125	6	20
Selenium	<0.00099		0.100	0.111		mg/L		111	75 - 125	7	20
Silver	<0.00039		0.0500	0.0524		mg/L		105	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0603		mg/L		121	75 - 125	6	20
Vanadium	0.0029		0.100	0.119		mg/L		116	75 - 125	7	20
Zinc	<0.0028		0.0505	0.0585		mg/L		116	75 - 125	5	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-823633/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 824013 — **Prep Batch: 823633**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:00	02/21/24 18:00	1

Lab Sample ID: LCS 680-823633/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 824013 — **Prep Batch: 823633**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00254		mg/L		102	80 - 120

Lab Sample ID: 400-250690-H-2-D MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 824013 — **Prep Batch: 823633**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00107		mg/L		107	80 - 120

Lab Sample ID: 400-250690-H-2-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 824013 — **Prep Batch: 823633**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00112		mg/L		112	80 - 120	4	20

Lab Sample ID: MB 680-823643/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 823946 — **Prep Batch: 823643**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/24 15:18	02/21/24 16:54	1

Method: 7470A - Mercury (Continued)

Lab Sample ID: LCS 680-823643/2-A
Matrix: Water
Analysis Batch: 823946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 823643

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00275		mg/L		110	80 - 120		

Lab Sample ID: 680-246862-F-11-D MS
Matrix: Water
Analysis Batch: 823946

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 823643

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00102		mg/L		102	80 - 120		

Lab Sample ID: 680-246862-F-11-E MSD
Matrix: Water
Analysis Batch: 823946

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 823643

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00106		mg/L		106	80 - 120	4	20

Lab Sample ID: MB 680-824585/1-A
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 13:49	02/27/24 10:05	1

Lab Sample ID: LCS 680-824585/2-A
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824585

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00216		mg/L		86	80 - 120		

Lab Sample ID: 680-247021-F-4-D MS
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 824585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080	F1	0.00100	0.000776	F1	mg/L		78	80 - 120		

Lab Sample ID: 680-247021-F-4-E MSD
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 824585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080	F1	0.00100	0.000868		mg/L		87	80 - 120	11	20

Lab Sample ID: MB 680-824599/1-A
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/26/24 14:41	02/27/24 11:03	1

Method: 7470A - Mercury

Lab Sample ID: LCS 680-824599/2-A
Matrix: Water
Analysis Batch: 824780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00228		mg/L		91	80 - 120		

Lab Sample ID: 680-247011-4 MS
Matrix: Water
Analysis Batch: 824780

Client Sample ID: WAN-GWC-13
Prep Type: Total/NA
Prep Batch: 824599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000854		mg/L		85	80 - 120		

Lab Sample ID: 680-247011-4 MSD
Matrix: Water
Analysis Batch: 824780

Client Sample ID: WAN-GWC-13
Prep Type: Total/NA
Prep Batch: 824599

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000846		mg/L		85	80 - 120	1	20

Lab Sample ID: MB 680-825157/1-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825157

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 10:17	02/29/24 15:00	1

Lab Sample ID: LCS 680-825157/2-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825157

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00241		mg/L		97	80 - 120		

Lab Sample ID: 680-247026-G-5-C MS
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000981		mg/L		98	80 - 120		

Lab Sample ID: 680-247026-G-5-D MSD
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825157

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000961		mg/L		96	80 - 120	2	20

Lab Sample ID: MB 680-825175/1-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825175

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 11:15	02/29/24 15:58	1

Method: 7470A - Mercury

Lab Sample ID: LCS 680-825175/2-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825175

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00232		mg/L		93	80 - 120		

Lab Sample ID: 680-247099-C-3-D MS
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825175

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000966		mg/L		97	80 - 120		

Lab Sample ID: 680-247099-C-3-E MSD
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825175

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000950		mg/L		95	80 - 120	2	20

Lab Sample ID: MB 680-825198/1-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/29/24 12:33	02/29/24 17:00	1

Lab Sample ID: LCS 680-825198/2-A
Matrix: Water
Analysis Batch: 825433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825198

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00242		mg/L		97	80 - 120		

Lab Sample ID: 680-247150-9 MS
Matrix: Water
Analysis Batch: 825433

Client Sample ID: WAN-GWC-30
Prep Type: Total/NA
Prep Batch: 825198

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000941		mg/L		94	80 - 120		

Lab Sample ID: 680-247150-9 MSD
Matrix: Water
Analysis Batch: 825433

Client Sample ID: WAN-GWC-30
Prep Type: Total/NA
Prep Batch: 825198

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000877		mg/L		88	80 - 120	7	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-823340/1
Matrix: Water
Analysis Batch: 823340

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			02/19/24 10:58	1

Lab Sample ID: LCS 680-823340/2
Matrix: Water
Analysis Batch: 823340

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	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-823340/3
Matrix: Water
Analysis Batch: 823340

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	2410	2400		mg/L		100	80 - 120	2	25

Lab Sample ID: 680-246830-C-1 DU
Matrix: Water
Analysis Batch: 823340

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	310		290	F3	mg/L		6	5

Lab Sample ID: MB 680-823618/1
Matrix: Water
Analysis Batch: 823618

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			02/20/24 14:24	1

Lab Sample ID: LCS 680-823618/2
Matrix: Water
Analysis Batch: 823618

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	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-823618/3
Matrix: Water
Analysis Batch: 823618

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	2410	2410		mg/L		100	80 - 120	1	25

Lab Sample ID: 680-246862-C-15 DU
Matrix: Water
Analysis Batch: 823618

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	180		184		mg/L		2	5

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 680-246862-E-17 DU
Matrix: Water
Analysis Batch: 823618

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	210			178	F5	mg/L				16	5

Lab Sample ID: MB 680-824194/1
Matrix: Water
Analysis Batch: 824194

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			02/23/24 09:30	1

Lab Sample ID: LCS 680-824194/2
Matrix: Water
Analysis Batch: 824194

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			2410	2410		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-824194/3
Matrix: Water
Analysis Batch: 824194

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			2410	2370		mg/L		98	80 - 120	2	25

Lab Sample ID: 680-247011-5 DU
Matrix: Water
Analysis Batch: 824194

Client Sample ID: WAN-GWC-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	290			288		mg/L				0.7	5

Lab Sample ID: MB 680-824557/1
Matrix: Water
Analysis Batch: 824557

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			02/26/24 11:53	1

Lab Sample ID: LCS 680-824557/2
Matrix: Water
Analysis Batch: 824557

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			2410	2420		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-824557/3
Matrix: Water
Analysis Batch: 824557

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			2410	2430		mg/L		101	80 - 120	0	25

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 680-247011-3 DU
Matrix: Water
Analysis Batch: 824557

Client Sample ID: WAN-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	220		232		mg/L		4	5

Lab Sample ID: MB 680-824823/1
Matrix: Water
Analysis Batch: 824823

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			02/27/24 15:11	1

Lab Sample ID: LCS 680-824823/2
Matrix: Water
Analysis Batch: 824823

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	2410	2390		mg/L		99	80 - 120

Lab Sample ID: LCSD 680-824823/3
Matrix: Water
Analysis Batch: 824823

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	2410	2390		mg/L		99	80 - 120	0	25

Lab Sample ID: 680-247092-C-1 DU
Matrix: Water
Analysis Batch: 824823

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		320	F3	mg/L		10	5

Lab Sample ID: MB 680-824887/1
Matrix: Water
Analysis Batch: 824887

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			02/27/24 21:02	1

Lab Sample ID: LCS 680-824887/2
Matrix: Water
Analysis Batch: 824887

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	2410	2440		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-824887/3
Matrix: Water
Analysis Batch: 824887

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	2410	2440		mg/L		101	80 - 120	0	25

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 680-247150-1 DU
Matrix: Water
Analysis Batch: 824887

Client Sample ID: WAN-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	350			350		mg/L				0	5

HPLC/IC

Analysis Batch: 78646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total/NA	Water	300.0	
680-247011-2	WAN-GWC-10	Total/NA	Water	300.0	
680-247011-3	WAN-GWC-12	Total/NA	Water	300.0	
680-247011-4	WAN-GWC-13	Total/NA	Water	300.0	
680-247011-5	WAN-GWC-14	Total/NA	Water	300.0	
680-247011-6	WAN-GWC-17	Total/NA	Water	300.0	
680-247011-7	WAN-GWC-20	Total/NA	Water	300.0	
680-247011-8	WAN-GWC-21	Total/NA	Water	300.0	
680-247011-9	WAN-GWC-23	Total/NA	Water	300.0	
680-247011-10	WAN-GWC-26	Total/NA	Water	300.0	
680-247011-11	WAN-GWC-27	Total/NA	Water	300.0	
680-247011-12	WAN-GWC-32	Total/NA	Water	300.0	
680-247011-13	WAN-GWC-33	Total/NA	Water	300.0	
680-247011-14	WAN-LF-FD-05	Total/NA	Water	300.0	
680-247011-15	WAN-LF-FB-10	Total/NA	Water	300.0	
680-247011-16	WAN-LF-EB-04	Total/NA	Water	300.0	
680-247011-17	WAN-LF-EB-05	Total/NA	Water	300.0	
MB 670-78646/40	Method Blank	Total/NA	Water	300.0	
MB 670-78646/71	Method Blank	Total/NA	Water	300.0	
LCS 670-78646/69	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-78646/70	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247011-9 MS	WAN-GWC-23	Total/NA	Water	300.0	
680-247011-9 MSD	WAN-GWC-23	Total/NA	Water	300.0	

Analysis Batch: 78891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-5	WAN-GWC-14	Total/NA	Water	300.0	
680-247150-1	WAN-GWC-7	Total/NA	Water	300.0	
680-247150-2	WAN-GWC-8	Total/NA	Water	300.0	
680-247150-3	WAN-GWC-15	Total/NA	Water	300.0	
680-247150-4	WAN-GWC-16	Total/NA	Water	300.0	
680-247150-5	WAN-GWC-18	Total/NA	Water	300.0	
680-247150-6	WAN-GWC-19	Total/NA	Water	300.0	
680-247150-7	WAN-GWC-24	Total/NA	Water	300.0	
680-247150-8	WAN-GWC-25	Total/NA	Water	300.0	
680-247150-9	WAN-GWC-30	Total/NA	Water	300.0	
680-247150-10	WAN-GWC-31	Total/NA	Water	300.0	
680-247150-11	WAN-GWC-34	Total/NA	Water	300.0	
680-247150-12	WAN-GWC-35	Total/NA	Water	300.0	
680-247150-13	WAN-LF-FB-11	Total/NA	Water	300.0	
680-247150-14	WAN-LF-EB-06	Total/NA	Water	300.0	
MB 670-78891/37	Method Blank	Total/NA	Water	300.0	
MB 670-78891/6	Method Blank	Total/NA	Water	300.0	
MB 670-78891/68	Method Blank	Total/NA	Water	300.0	
LCS 670-78891/35	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-78891/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 670-78891/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-78891/36	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-78891/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 670-78891/67	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247074-D-1 MS	Matrix Spike	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 78891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247074-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
680-247150-5 MS	WAN-GWC-18	Total/NA	Water	300.0	
680-247150-5 MSD	WAN-GWC-18	Total/NA	Water	300.0	
680-247150-13 MS	WAN-LF-FB-11	Total/NA	Water	300.0	
680-247150-13 MSD	WAN-LF-FB-11	Total/NA	Water	300.0	
680-247150-14 MS	WAN-LF-EB-06	Total/NA	Water	300.0	
680-247150-14 MSD	WAN-LF-EB-06	Total/NA	Water	300.0	

Analysis Batch: 79096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-15	WAN-LF-EB-07	Total/NA	Water	300.0	
MB 670-79096/6	Method Blank	Total/NA	Water	300.0	
LCS 670-79096/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 670-79096/5	Lab Control Sample Dup	Total/NA	Water	300.0	
680-247150-15 MS	WAN-LF-EB-07	Total/NA	Water	300.0	
680-247150-15 MSD	WAN-LF-EB-07	Total/NA	Water	300.0	

Analysis Batch: 825136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246877-1	WAN-GWC-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-825136/1002	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-825136/4	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-825136/5	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-16771-B-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-16771-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 825238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total/NA	Water	300.0-1993 R2.1	
680-246863-2	WAN-GWA-2	Total/NA	Water	300.0-1993 R2.1	
680-246863-3	WAN-GWA-4	Total/NA	Water	300.0-1993 R2.1	
680-246863-4	WAN-GWA-28	Total/NA	Water	300.0-1993 R2.1	
MB 680-825238/36	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-825238/100	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-825238/99	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-246862-H-9 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-246862-H-9 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 825241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-5	WAN-GWA-29	Total/NA	Water	300.0-1993 R2.1	
680-246863-6	WAN-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-246863-7	WAN-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-246863-8	WAN-LF-FD-04	Total/NA	Water	300.0-1993 R2.1	
680-246877-2	WAN-GWC-22	Total/NA	Water	300.0-1993 R2.1	
MB 680-825241/67	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-825241/102	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-825241/101	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-246863-5 MS	WAN-GWA-29	Total/NA	Water	300.0-1993 R2.1	
680-246863-5 MSD	WAN-GWA-29	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 823457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total Recoverable	Water	3005A	
MB 680-823457/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-823457/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-246862-F-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-246862-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 823460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-2	WAN-GWA-2	Total Recoverable	Water	3005A	
680-246863-3	WAN-GWA-4	Total Recoverable	Water	3005A	
680-246863-4	WAN-GWA-28	Total Recoverable	Water	3005A	
680-246863-5	WAN-GWA-29	Total Recoverable	Water	3005A	
680-246863-6	WAN-GWC-6	Total Recoverable	Water	3005A	
680-246863-7	WAN-GWC-11	Total Recoverable	Water	3005A	
680-246863-8	WAN-LF-FD-04	Total Recoverable	Water	3005A	
MB 680-823460/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-823460/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-246863-2 MS	WAN-GWA-2	Total Recoverable	Water	3005A	
680-246863-2 MSD	WAN-GWA-2	Total Recoverable	Water	3005A	

Prep Batch: 823462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246877-1	WAN-GWC-5	Total Recoverable	Water	3005A	
680-246877-2	WAN-GWC-22	Total Recoverable	Water	3005A	
MB 680-823462/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-823462/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-246872-F-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-246872-F-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 823633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total/NA	Water	7470A	
MB 680-823633/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-823633/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-250690-H-2-D MS	Matrix Spike	Total/NA	Water	7470A	
400-250690-H-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 823643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-2	WAN-GWA-2	Total/NA	Water	7470A	
680-246863-3	WAN-GWA-4	Total/NA	Water	7470A	
680-246863-4	WAN-GWA-28	Total/NA	Water	7470A	
680-246863-5	WAN-GWA-29	Total/NA	Water	7470A	
680-246863-6	WAN-GWC-6	Total/NA	Water	7470A	
680-246863-7	WAN-GWC-11	Total/NA	Water	7470A	
680-246863-8	WAN-LF-FD-04	Total/NA	Water	7470A	
680-246877-1	WAN-GWC-5	Total/NA	Water	7470A	
680-246877-2	WAN-GWC-22	Total/NA	Water	7470A	
MB 680-823643/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-823643/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-246862-F-11-D MS	Matrix Spike	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 823643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246862-F-11-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 823730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-2	WAN-GWA-2	Total Recoverable	Water	6020B	823460
680-246863-3	WAN-GWA-4	Total Recoverable	Water	6020B	823460
680-246863-4	WAN-GWA-28	Total Recoverable	Water	6020B	823460
680-246863-5	WAN-GWA-29	Total Recoverable	Water	6020B	823460
680-246863-6	WAN-GWC-6	Total Recoverable	Water	6020B	823460
680-246863-7	WAN-GWC-11	Total Recoverable	Water	6020B	823460
680-246863-8	WAN-LF-FD-04	Total Recoverable	Water	6020B	823460
680-246877-1	WAN-GWC-5	Total Recoverable	Water	6020B	823462
680-246877-2	WAN-GWC-22	Total Recoverable	Water	6020B	823462
MB 680-823460/1-A	Method Blank	Total Recoverable	Water	6020B	823460
MB 680-823462/1-A	Method Blank	Total Recoverable	Water	6020B	823462
LCS 680-823460/2-A	Lab Control Sample	Total Recoverable	Water	6020B	823460
LCS 680-823462/2-A	Lab Control Sample	Total Recoverable	Water	6020B	823462
680-246863-2 MS	WAN-GWA-2	Total Recoverable	Water	6020B	823460
680-246863-2 MSD	WAN-GWA-2	Total Recoverable	Water	6020B	823460
680-246872-F-5-B MS	Matrix Spike	Total Recoverable	Water	6020B	823462
680-246872-F-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	823462

Analysis Batch: 823946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-2	WAN-GWA-2	Total/NA	Water	7470A	823643
680-246863-3	WAN-GWA-4	Total/NA	Water	7470A	823643
680-246863-4	WAN-GWA-28	Total/NA	Water	7470A	823643
680-246863-5	WAN-GWA-29	Total/NA	Water	7470A	823643
680-246863-6	WAN-GWC-6	Total/NA	Water	7470A	823643
680-246863-7	WAN-GWC-11	Total/NA	Water	7470A	823643
680-246863-8	WAN-LF-FD-04	Total/NA	Water	7470A	823643
680-246877-1	WAN-GWC-5	Total/NA	Water	7470A	823643
680-246877-2	WAN-GWC-22	Total/NA	Water	7470A	823643
MB 680-823643/1-A	Method Blank	Total/NA	Water	7470A	823643
LCS 680-823643/2-A	Lab Control Sample	Total/NA	Water	7470A	823643
680-246862-F-11-D MS	Matrix Spike	Total/NA	Water	7470A	823643
680-246862-F-11-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	823643

Analysis Batch: 824013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total/NA	Water	7470A	823633
MB 680-823633/1-A	Method Blank	Total/NA	Water	7470A	823633
LCS 680-823633/2-A	Lab Control Sample	Total/NA	Water	7470A	823633
400-250690-H-2-D MS	Matrix Spike	Total/NA	Water	7470A	823633
400-250690-H-2-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	823633

Prep Batch: 824108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-17	WAN-LF-EB-05	Total Recoverable	Water	3005A	
MB 680-824108/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824108/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 824108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246993-A-3-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-246993-A-3-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 824116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total Recoverable	Water	3005A	
680-247011-2	WAN-GWC-10	Total Recoverable	Water	3005A	
680-247011-3	WAN-GWC-12	Total Recoverable	Water	3005A	
680-247011-4	WAN-GWC-13	Total Recoverable	Water	3005A	
680-247011-5	WAN-GWC-14	Total Recoverable	Water	3005A	
680-247011-6	WAN-GWC-17	Total Recoverable	Water	3005A	
680-247011-7	WAN-GWC-20	Total Recoverable	Water	3005A	
680-247011-8	WAN-GWC-21	Total Recoverable	Water	3005A	
680-247011-9	WAN-GWC-23	Total Recoverable	Water	3005A	
680-247011-10	WAN-GWC-26	Total Recoverable	Water	3005A	
MB 680-824116/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824116/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247015-E-1-E MS	Matrix Spike	Total Recoverable	Water	3005A	
680-247015-E-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 824118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-11	WAN-GWC-27	Total Recoverable	Water	3005A	
680-247011-12	WAN-GWC-32	Total Recoverable	Water	3005A	
680-247011-13	WAN-GWC-33	Total Recoverable	Water	3005A	
680-247011-14	WAN-LF-FD-05	Total Recoverable	Water	3005A	
680-247011-15	WAN-LF-FB-10	Total Recoverable	Water	3005A	
680-247011-16	WAN-LF-EB-04	Total Recoverable	Water	3005A	
MB 680-824118/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824118/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247011-11 MS	WAN-GWC-27	Total Recoverable	Water	3005A	
680-247011-11 MSD	WAN-GWC-27	Total Recoverable	Water	3005A	

Analysis Batch: 824202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total Recoverable	Water	6020B	823457
MB 680-823457/1-A	Method Blank	Total Recoverable	Water	6020B	823457
LCS 680-823457/2-A	Lab Control Sample	Total Recoverable	Water	6020B	823457
680-246862-F-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	823457
680-246862-F-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	823457

Analysis Batch: 824321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total Recoverable	Water	6020B	824116
680-247011-2	WAN-GWC-10	Total Recoverable	Water	6020B	824116
680-247011-3	WAN-GWC-12	Total Recoverable	Water	6020B	824116
680-247011-4	WAN-GWC-13	Total Recoverable	Water	6020B	824116
680-247011-5	WAN-GWC-14	Total Recoverable	Water	6020B	824116
680-247011-6	WAN-GWC-17	Total Recoverable	Water	6020B	824116
680-247011-7	WAN-GWC-20	Total Recoverable	Water	6020B	824116
680-247011-8	WAN-GWC-21	Total Recoverable	Water	6020B	824116

Metals (Continued)

Analysis Batch: 824321 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-9	WAN-GWC-23	Total Recoverable	Water	6020B	824116
680-247011-10	WAN-GWC-26	Total Recoverable	Water	6020B	824116
680-247011-11	WAN-GWC-27	Total Recoverable	Water	6020B	824118
680-247011-12	WAN-GWC-32	Total Recoverable	Water	6020B	824118
680-247011-13	WAN-GWC-33	Total Recoverable	Water	6020B	824118
680-247011-14	WAN-LF-FD-05	Total Recoverable	Water	6020B	824118
680-247011-15	WAN-LF-FB-10	Total Recoverable	Water	6020B	824118
680-247011-16	WAN-LF-EB-04	Total Recoverable	Water	6020B	824118
MB 680-824116/1-A	Method Blank	Total Recoverable	Water	6020B	824116
MB 680-824118/1-A	Method Blank	Total Recoverable	Water	6020B	824118
LCS 680-824116/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824116
LCS 680-824118/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824118
680-247011-11 MS	WAN-GWC-27	Total Recoverable	Water	6020B	824118
680-247011-11 MSD	WAN-GWC-27	Total Recoverable	Water	6020B	824118
680-247015-E-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	824116
680-247015-E-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824116

Analysis Batch: 824322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-17	WAN-LF-EB-05	Total Recoverable	Water	6020B	824108
MB 680-824108/1-A	Method Blank	Total Recoverable	Water	6020B	824108
LCS 680-824108/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824108
680-246993-A-3-E MS	Matrix Spike	Total Recoverable	Water	6020B	824108
680-246993-A-3-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824108

Analysis Batch: 824440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total Recoverable	Water	6020B	824116
680-247011-2	WAN-GWC-10	Total Recoverable	Water	6020B	824116
680-247011-3	WAN-GWC-12	Total Recoverable	Water	6020B	824116
680-247011-4	WAN-GWC-13	Total Recoverable	Water	6020B	824116
680-247011-5	WAN-GWC-14	Total Recoverable	Water	6020B	824116
680-247011-6	WAN-GWC-17	Total Recoverable	Water	6020B	824116
680-247011-7	WAN-GWC-20	Total Recoverable	Water	6020B	824116
680-247011-8	WAN-GWC-21	Total Recoverable	Water	6020B	824116
680-247011-9	WAN-GWC-23	Total Recoverable	Water	6020B	824116
680-247011-10	WAN-GWC-26	Total Recoverable	Water	6020B	824116
MB 680-824116/1-A	Method Blank	Total Recoverable	Water	6020B	824116
LCS 680-824116/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824116
680-247015-E-1-E MS	Matrix Spike	Total Recoverable	Water	6020B	824116
680-247015-E-1-F MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824116

Prep Batch: 824585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total/NA	Water	7470A	
680-247011-2	WAN-GWC-10	Total/NA	Water	7470A	
680-247011-3	WAN-GWC-12	Total/NA	Water	7470A	
MB 680-824585/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-824585/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247021-F-4-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247021-F-4-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Metals

Prep Batch: 824599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-4	WAN-GWC-13	Total/NA	Water	7470A	
680-247011-5	WAN-GWC-14	Total/NA	Water	7470A	
680-247011-6	WAN-GWC-17	Total/NA	Water	7470A	
680-247011-7	WAN-GWC-20	Total/NA	Water	7470A	
680-247011-8	WAN-GWC-21	Total/NA	Water	7470A	
680-247011-9	WAN-GWC-23	Total/NA	Water	7470A	
680-247011-10	WAN-GWC-26	Total/NA	Water	7470A	
680-247011-11	WAN-GWC-27	Total/NA	Water	7470A	
680-247011-12	WAN-GWC-32	Total/NA	Water	7470A	
680-247011-13	WAN-GWC-33	Total/NA	Water	7470A	
680-247011-14	WAN-LF-FD-05	Total/NA	Water	7470A	
680-247011-15	WAN-LF-FB-10	Total/NA	Water	7470A	
680-247011-16	WAN-LF-EB-04	Total/NA	Water	7470A	
680-247011-17	WAN-LF-EB-05	Total/NA	Water	7470A	
MB 680-824599/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-824599/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247011-4 MS	WAN-GWC-13	Total/NA	Water	7470A	
680-247011-4 MSD	WAN-GWC-13	Total/NA	Water	7470A	

Prep Batch: 824663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-15	WAN-LF-EB-07	Total Recoverable	Water	3005A	
MB 680-824663/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824663/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-251615-D-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-251615-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 824664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-7	WAN-GWC-24	Total Recoverable	Water	3005A	
680-247150-8	WAN-GWC-25	Total Recoverable	Water	3005A	
680-247150-9	WAN-GWC-30	Total Recoverable	Water	3005A	
680-247150-10	WAN-GWC-31	Total Recoverable	Water	3005A	
680-247150-11	WAN-GWC-34	Total Recoverable	Water	3005A	
680-247150-12	WAN-GWC-35	Total Recoverable	Water	3005A	
680-247150-13	WAN-LF-FB-11	Total Recoverable	Water	3005A	
680-247150-14	WAN-LF-EB-06	Total Recoverable	Water	3005A	
MB 680-824664/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-824664/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247150-8 MS	WAN-GWC-25	Total Recoverable	Water	3005A	
680-247150-8 MSD	WAN-GWC-25	Total Recoverable	Water	3005A	

Prep Batch: 824667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-1	WAN-GWC-7	Total Recoverable	Water	3005A	
680-247150-2	WAN-GWC-8	Total Recoverable	Water	3005A	
680-247150-3	WAN-GWC-15	Total Recoverable	Water	3005A	
680-247150-4	WAN-GWC-16	Total Recoverable	Water	3005A	
680-247150-5	WAN-GWC-18	Total Recoverable	Water	3005A	
680-247150-6	WAN-GWC-19	Total Recoverable	Water	3005A	
MB 680-824667/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 824667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-824667/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-247150-1 MS	WAN-GWC-7	Total Recoverable	Water	3005A	
680-247150-1 MSD	WAN-GWC-7	Total Recoverable	Water	3005A	

Analysis Batch: 824780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total/NA	Water	7470A	824585
680-247011-2	WAN-GWC-10	Total/NA	Water	7470A	824585
680-247011-3	WAN-GWC-12	Total/NA	Water	7470A	824585
680-247011-4	WAN-GWC-13	Total/NA	Water	7470A	824599
680-247011-5	WAN-GWC-14	Total/NA	Water	7470A	824599
680-247011-6	WAN-GWC-17	Total/NA	Water	7470A	824599
680-247011-7	WAN-GWC-20	Total/NA	Water	7470A	824599
680-247011-8	WAN-GWC-21	Total/NA	Water	7470A	824599
680-247011-9	WAN-GWC-23	Total/NA	Water	7470A	824599
680-247011-10	WAN-GWC-26	Total/NA	Water	7470A	824599
680-247011-11	WAN-GWC-27	Total/NA	Water	7470A	824599
680-247011-12	WAN-GWC-32	Total/NA	Water	7470A	824599
680-247011-13	WAN-GWC-33	Total/NA	Water	7470A	824599
680-247011-14	WAN-LF-FD-05	Total/NA	Water	7470A	824599
680-247011-15	WAN-LF-FB-10	Total/NA	Water	7470A	824599
680-247011-16	WAN-LF-EB-04	Total/NA	Water	7470A	824599
680-247011-17	WAN-LF-EB-05	Total/NA	Water	7470A	824599
MB 680-824585/1-A	Method Blank	Total/NA	Water	7470A	824585
MB 680-824599/1-A	Method Blank	Total/NA	Water	7470A	824599
LCS 680-824585/2-A	Lab Control Sample	Total/NA	Water	7470A	824585
LCS 680-824599/2-A	Lab Control Sample	Total/NA	Water	7470A	824599
680-247011-4 MS	WAN-GWC-13	Total/NA	Water	7470A	824599
680-247011-4 MSD	WAN-GWC-13	Total/NA	Water	7470A	824599
680-247021-F-4-D MS	Matrix Spike	Total/NA	Water	7470A	824585
680-247021-F-4-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	824585

Analysis Batch: 824936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-1	WAN-GWC-7	Total Recoverable	Water	6020B	824667
680-247150-2	WAN-GWC-8	Total Recoverable	Water	6020B	824667
680-247150-3	WAN-GWC-15	Total Recoverable	Water	6020B	824667
680-247150-4	WAN-GWC-16	Total Recoverable	Water	6020B	824667
680-247150-5	WAN-GWC-18	Total Recoverable	Water	6020B	824667
680-247150-6	WAN-GWC-19	Total Recoverable	Water	6020B	824667
680-247150-7	WAN-GWC-24	Total Recoverable	Water	6020B	824664
680-247150-8	WAN-GWC-25	Total Recoverable	Water	6020B	824664
680-247150-9	WAN-GWC-30	Total Recoverable	Water	6020B	824664
680-247150-10	WAN-GWC-31	Total Recoverable	Water	6020B	824664
680-247150-11	WAN-GWC-34	Total Recoverable	Water	6020B	824664
680-247150-12	WAN-GWC-35	Total Recoverable	Water	6020B	824664
680-247150-13	WAN-LF-FB-11	Total Recoverable	Water	6020B	824664
680-247150-14	WAN-LF-EB-06	Total Recoverable	Water	6020B	824664
680-247150-15	WAN-LF-EB-07	Total Recoverable	Water	6020B	824663
MB 680-824663/1-A	Method Blank	Total Recoverable	Water	6020B	824663
MB 680-824664/1-A	Method Blank	Total Recoverable	Water	6020B	824664

Metals (Continued)

Analysis Batch: 824936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-824667/1-A	Method Blank	Total Recoverable	Water	6020B	824667
LCS 680-824663/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824663
LCS 680-824664/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824664
LCS 680-824667/2-A	Lab Control Sample	Total Recoverable	Water	6020B	824667
400-251615-D-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	824663
400-251615-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	824663
680-247150-1 MS	WAN-GWC-7	Total Recoverable	Water	6020B	824667
680-247150-1 MSD	WAN-GWC-7	Total Recoverable	Water	6020B	824667
680-247150-8 MS	WAN-GWC-25	Total Recoverable	Water	6020B	824664
680-247150-8 MSD	WAN-GWC-25	Total Recoverable	Water	6020B	824664

Prep Batch: 825157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-1	WAN-GWC-7	Total/NA	Water	7470A	
680-247150-2	WAN-GWC-8	Total/NA	Water	7470A	
680-247150-3	WAN-GWC-15	Total/NA	Water	7470A	
680-247150-4	WAN-GWC-16	Total/NA	Water	7470A	
680-247150-5	WAN-GWC-18	Total/NA	Water	7470A	
680-247150-6	WAN-GWC-19	Total/NA	Water	7470A	
680-247150-7	WAN-GWC-24	Total/NA	Water	7470A	
MB 680-825157/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825157/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247026-G-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-247026-G-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 825175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-8	WAN-GWC-25	Total/NA	Water	7470A	
MB 680-825175/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825175/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247099-C-3-D MS	Matrix Spike	Total/NA	Water	7470A	
680-247099-C-3-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 825198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-9	WAN-GWC-30	Total/NA	Water	7470A	
680-247150-10	WAN-GWC-31	Total/NA	Water	7470A	
680-247150-11	WAN-GWC-34	Total/NA	Water	7470A	
680-247150-12	WAN-GWC-35	Total/NA	Water	7470A	
680-247150-13	WAN-LF-FB-11	Total/NA	Water	7470A	
680-247150-14	WAN-LF-EB-06	Total/NA	Water	7470A	
680-247150-15	WAN-LF-EB-07	Total/NA	Water	7470A	
MB 680-825198/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-825198/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-247150-9 MS	WAN-GWC-30	Total/NA	Water	7470A	
680-247150-9 MSD	WAN-GWC-30	Total/NA	Water	7470A	

Analysis Batch: 825433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-1	WAN-GWC-7	Total/NA	Water	7470A	825157
680-247150-2	WAN-GWC-8	Total/NA	Water	7470A	825157

Metals (Continued)

Analysis Batch: 825433 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-3	WAN-GWC-15	Total/NA	Water	7470A	825157
680-247150-4	WAN-GWC-16	Total/NA	Water	7470A	825157
680-247150-5	WAN-GWC-18	Total/NA	Water	7470A	825157
680-247150-6	WAN-GWC-19	Total/NA	Water	7470A	825157
680-247150-7	WAN-GWC-24	Total/NA	Water	7470A	825157
680-247150-8	WAN-GWC-25	Total/NA	Water	7470A	825175
680-247150-9	WAN-GWC-30	Total/NA	Water	7470A	825198
680-247150-10	WAN-GWC-31	Total/NA	Water	7470A	825198
680-247150-11	WAN-GWC-34	Total/NA	Water	7470A	825198
680-247150-12	WAN-GWC-35	Total/NA	Water	7470A	825198
680-247150-13	WAN-LF-FB-11	Total/NA	Water	7470A	825198
680-247150-14	WAN-LF-EB-06	Total/NA	Water	7470A	825198
680-247150-15	WAN-LF-EB-07	Total/NA	Water	7470A	825198
MB 680-825157/1-A	Method Blank	Total/NA	Water	7470A	825157
MB 680-825175/1-A	Method Blank	Total/NA	Water	7470A	825175
MB 680-825198/1-A	Method Blank	Total/NA	Water	7470A	825198
LCS 680-825157/2-A	Lab Control Sample	Total/NA	Water	7470A	825157
LCS 680-825175/2-A	Lab Control Sample	Total/NA	Water	7470A	825175
LCS 680-825198/2-A	Lab Control Sample	Total/NA	Water	7470A	825198
680-247026-G-5-C MS	Matrix Spike	Total/NA	Water	7470A	825157
680-247026-G-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825157
680-247099-C-3-D MS	Matrix Spike	Total/NA	Water	7470A	825175
680-247099-C-3-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	825175
680-247150-9 MS	WAN-GWC-30	Total/NA	Water	7470A	825198
680-247150-9 MSD	WAN-GWC-30	Total/NA	Water	7470A	825198

General Chemistry

Analysis Batch: 823340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-1	WAN-GWA-1	Total/NA	Water	2540C-2011	
MB 680-823340/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-823340/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-823340/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-246830-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 823618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246863-2	WAN-GWA-2	Total/NA	Water	2540C-2011	
680-246863-3	WAN-GWA-4	Total/NA	Water	2540C-2011	
680-246863-4	WAN-GWA-28	Total/NA	Water	2540C-2011	
680-246863-5	WAN-GWA-29	Total/NA	Water	2540C-2011	
680-246863-6	WAN-GWC-6	Total/NA	Water	2540C-2011	
680-246863-7	WAN-GWC-11	Total/NA	Water	2540C-2011	
680-246863-8	WAN-LF-FD-04	Total/NA	Water	2540C-2011	
680-246877-1	WAN-GWC-5	Total/NA	Water	2540C-2011	
680-246877-2	WAN-GWC-22	Total/NA	Water	2540C-2011	
MB 680-823618/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-823618/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-823618/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-246862-C-15 DU	Duplicate	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 823618 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246862-E-17 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 824194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-1	WAN-GWC-9	Total/NA	Water	2540C-2011	
680-247011-4	WAN-GWC-13	Total/NA	Water	2540C-2011	
680-247011-5	WAN-GWC-14	Total/NA	Water	2540C-2011	
680-247011-8	WAN-GWC-21	Total/NA	Water	2540C-2011	
680-247011-9	WAN-GWC-23	Total/NA	Water	2540C-2011	
MB 680-824194/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824194/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824194/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247011-5 DU	WAN-GWC-14	Total/NA	Water	2540C-2011	

Analysis Batch: 824557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-2	WAN-GWC-10	Total/NA	Water	2540C-2011	
680-247011-3	WAN-GWC-12	Total/NA	Water	2540C-2011	
680-247011-6	WAN-GWC-17	Total/NA	Water	2540C-2011	
680-247011-7	WAN-GWC-20	Total/NA	Water	2540C-2011	
680-247011-10	WAN-GWC-26	Total/NA	Water	2540C-2011	
680-247011-11	WAN-GWC-27	Total/NA	Water	2540C-2011	
680-247011-13	WAN-GWC-33	Total/NA	Water	2540C-2011	
680-247011-14	WAN-LF-FD-05	Total/NA	Water	2540C-2011	
680-247011-16	WAN-LF-EB-04	Total/NA	Water	2540C-2011	
MB 680-824557/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824557/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824557/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247011-3 DU	WAN-GWC-12	Total/NA	Water	2540C-2011	

Analysis Batch: 824823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247011-12	WAN-GWC-32	Total/NA	Water	2540C-2011	
680-247011-15	WAN-LF-FB-10	Total/NA	Water	2540C-2011	
680-247011-17	WAN-LF-EB-05	Total/NA	Water	2540C-2011	
MB 680-824823/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824823/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824823/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247092-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 824887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-1	WAN-GWC-7	Total/NA	Water	2540C-2011	
680-247150-2	WAN-GWC-8	Total/NA	Water	2540C-2011	
680-247150-3	WAN-GWC-15	Total/NA	Water	2540C-2011	
680-247150-4	WAN-GWC-16	Total/NA	Water	2540C-2011	
680-247150-5	WAN-GWC-18	Total/NA	Water	2540C-2011	
680-247150-6	WAN-GWC-19	Total/NA	Water	2540C-2011	
680-247150-7	WAN-GWC-24	Total/NA	Water	2540C-2011	
680-247150-8	WAN-GWC-25	Total/NA	Water	2540C-2011	
680-247150-9	WAN-GWC-30	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 824887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-247150-10	WAN-GWC-31	Total/NA	Water	2540C-2011	
680-247150-11	WAN-GWC-34	Total/NA	Water	2540C-2011	
680-247150-12	WAN-GWC-35	Total/NA	Water	2540C-2011	
680-247150-13	WAN-LF-FB-11	Total/NA	Water	2540C-2011	
680-247150-14	WAN-LF-EB-06	Total/NA	Water	2540C-2011	
680-247150-15	WAN-LF-EB-07	Total/NA	Water	2540C-2011	
MB 680-824887/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-824887/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-824887/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-247150-1 DU	WAN-GWC-7	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWA-1

Lab Sample ID: 680-246863-1

Date Collected: 02/13/24 16:00

Matrix: Water

Date Received: 02/16/24 10:03

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	825238	02/29/24 23:48	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823457	02/20/24 05:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824202	02/22/24 16:43	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823633	02/20/24 15:00	DW	EET SAV
Total/NA	Analysis	7470A		1			824013	02/21/24 19:03	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823340	02/19/24 10:58	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-2

Lab Sample ID: 680-246863-2

Date Collected: 02/14/24 10:20

Matrix: Water

Date Received: 02/16/24 10:03

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	825238	02/29/24 23:59	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:04	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:24	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-4

Lab Sample ID: 680-246863-3

Date Collected: 02/14/24 11:23

Matrix: Water

Date Received: 02/16/24 10:03

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	825238	03/01/24 00:11	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:27	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWA-28

Lab Sample ID: 680-246863-4

Date Collected: 02/14/24 12:45

Matrix: Water

Date Received: 02/16/24 10:03

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	825238	03/01/24 00:22	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:15	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:29	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWA-29

Lab Sample ID: 680-246863-5

Date Collected: 02/14/24 12:18

Matrix: Water

Date Received: 02/16/24 10:03

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	825241	03/01/24 01:52	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:18	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:32	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-246863-6

Date Collected: 02/14/24 13:55

Matrix: Water

Date Received: 02/16/24 10:03

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	825241	03/01/24 02:26	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:21	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:34	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-246863-7

Date Collected: 02/14/24 14:20

Matrix: Water

Date Received: 02/16/24 10:03

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	825241	03/01/24 02:38	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:24	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:36	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FD-04

Lab Sample ID: 680-246863-8

Date Collected: 02/14/24 00:00

Matrix: Water

Date Received: 02/16/24 10:03

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	825241	03/01/24 02:49	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823460	02/20/24 05:36	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 15:32	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:39	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-5

Lab Sample ID: 680-246877-1

Date Collected: 02/14/24 15:00

Matrix: Water

Date Received: 02/17/24 09:52

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	825136	02/29/24 17:36	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823462	02/20/24 05:47	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 17:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-22

Lab Sample ID: 680-246877-2

Date Collected: 02/14/24 17:02

Matrix: Water

Date Received: 02/17/24 09:52

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	825241	03/01/24 03:11	GE	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	823462	02/20/24 05:47	RR	EET SAV
Total Recoverable	Analysis	6020B		1			823730	02/20/24 17:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	823643	02/20/24 15:18	DW	EET SAV
Total/NA	Analysis	7470A		1			823946	02/21/24 17:43	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	823618	02/20/24 14:24	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-247011-1

Date Collected: 02/19/24 14:05

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 06:12	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:03	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 11:43	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824585	02/26/24 13:49	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 10:42	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824194	02/23/24 09:30	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-247011-2

Date Collected: 02/20/24 10:15

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 06:29	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:08	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 11:46	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824585	02/26/24 13:49	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 10:40	DW	EET SAV
	Instrument ID: QuickTrace2									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-247011-2

Date Collected: 02/20/24 10:15

Matrix: Water

Date Received: 02/22/24 10:19

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	824557	02/26/24 11:53	PG	EET SAV

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-247011-3

Date Collected: 02/20/24 12:18

Matrix: Water

Date Received: 02/22/24 10:19

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		2			78646	03/02/24 06:46	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:12	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 11:49	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824585	02/26/24 13:49	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 10:38	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-247011-4

Date Collected: 02/19/24 14:00

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 07:02	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:16	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 11:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:07	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824194	02/23/24 09:30	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-247011-5

Date Collected: 02/19/24 15:37

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 07:19	YGS	EET ORL
	Instrument ID: IC_004									
Total/NA	Analysis	300.0		2			78891	03/04/24 10:47	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:20	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 11:55	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:13	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	824194	02/23/24 09:30	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-17

Lab Sample ID: 680-247011-6

Date Collected: 02/20/24 14:04

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 07:36	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:24	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 12:03	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:19	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-247011-7

Date Collected: 02/20/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 07:53	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:28	BWR	EET SAV
	Instrument ID: ICPMSC									

Client Sample ID: WAN-GWC-20

Lab Sample ID: 680-247011-7

Date Collected: 02/20/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 12:06	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:21	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-21

Lab Sample ID: 680-247011-8

Date Collected: 02/19/24 15:15

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 08:10	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:32	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 12:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:23	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824194	02/23/24 09:30	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-23

Lab Sample ID: 680-247011-9

Date Collected: 02/19/24 16:10

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 09:01	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:36	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 12:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:25	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824194	02/23/24 09:30	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-26

Lab Sample ID: 680-247011-10

Date Collected: 02/20/24 13:35

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 09:52	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/23/24 23:48	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	824116	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824440	02/25/24 12:15	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:27	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-27

Lab Sample ID: 680-247011-11

Date Collected: 02/20/24 15:25

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 10:08	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:08	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:29	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-247011-12

Date Collected: 02/20/24 13:35

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 10:25	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:29	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:32	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824823	02/27/24 15:11	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-247011-13

Date Collected: 02/20/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 10:42	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:33	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:34	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FD-05

Lab Sample ID: 680-247011-14

Date Collected: 02/20/24 00:00

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 10:59	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:37	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:36	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-10

Lab Sample ID: 680-247011-15

Date Collected: 02/20/24 10:10

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 11:16	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:49	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:38	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824823	02/27/24 15:11	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-LF-EB-04

Lab Sample ID: 680-247011-16

Date Collected: 02/19/24 16:00

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 11:33	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824118	02/23/24 05:57	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824321	02/24/24 00:53	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:44	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824557	02/26/24 11:53	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-05

Lab Sample ID: 680-247011-17

Date Collected: 02/20/24 13:15

Matrix: Water

Date Received: 02/22/24 10:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78646	03/02/24 11:50	YGS	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824108	02/23/24 05:22	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824322	02/23/24 18:02	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	824599	02/26/24 14:41	DW	EET SAV
Total/NA	Analysis	7470A		1			824780	02/27/24 11:46	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824823	02/27/24 15:11	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-7

Lab Sample ID: 680-247150-1

Date Collected: 02/21/24 13:10

Matrix: Water

Date Received: 02/24/24 09:52

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		5			78891	03/04/24 17:08	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:38	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:39	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-8

Lab Sample ID: 680-247150-2

Date Collected: 02/21/24 11:55

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 17:24	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:47	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:41	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-247150-3

Date Collected: 02/21/24 15:40

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 17:41	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:49	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:43	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-16

Lab Sample ID: 680-247150-4

Date Collected: 02/21/24 14:15

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 17:58	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:50	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-18

Lab Sample ID: 680-247150-5

Date Collected: 02/21/24 10:32

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 19:40	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:55	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:52	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-19

Lab Sample ID: 680-247150-6

Date Collected: 02/21/24 11:35

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 20:31	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824667	02/27/24 05:05	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:58	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:54	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-24

Lab Sample ID: 680-247150-7

Date Collected: 02/22/24 11:15

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 20:48	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:55	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825157	02/29/24 10:17	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 15:56	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-GWC-25

Lab Sample ID: 680-247150-8

Date Collected: 02/21/24 14:35

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 21:04	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 16:44	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825175	02/29/24 11:15	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 16:53	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-30

Lab Sample ID: 680-247150-9

Date Collected: 02/21/24 15:50

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 21:21	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:32	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:04	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-247150-10

Date Collected: 02/21/24 16:20

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 21:38	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:35	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:10	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-34

Lab Sample ID: 680-247150-11

Date Collected: 02/22/24 10:13

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 21:55	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:38	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:12	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-247150-12

Date Collected: 02/22/24 10:55

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 22:12	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:47	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:14	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-11

Lab Sample ID: 680-247150-13

Date Collected: 02/21/24 11:55

Matrix: Water

Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/04/24 23:37	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:50	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:16	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-247150-14

Date Collected: 02/21/24 10:20
Matrix: Water
Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			78891	03/05/24 04:24	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824664	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 17:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:18	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-07

Lab Sample ID: 680-247150-15

Date Collected: 02/22/24 10:00
Matrix: Water
Date Received: 02/24/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			79096	03/05/24 15:18	BR	EET ORL
	Instrument ID: IC_004									
Total Recoverable	Prep	3005A			25 mL	125 mL	824663	02/27/24 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			824936	02/27/24 19:24	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	825198	02/29/24 12:33	DW	EET SAV
Total/NA	Analysis	7470A		1			825433	02/29/24 17:24	DW	EET SAV
	Instrument ID: QuickTrace2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	824887	02/27/24 21:02	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-24
Georgia	State	E87052	06-30-24

Laboratory: Eurofins Orlando

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-28-25
Washington	State	C1089	10-19-24

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-246863-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ORL
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

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 ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, 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: A Schneider / D. Johnson (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770 594 5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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-2024S1
Special Instructions/Note: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4 & TDS (EPA 300.0 & SM 2540C)	Total Number of containers
			Preservation Code:				D	I	
WAN- GWA-1	02/13/24	1600	G	WG	N	N	✓	✓	3
WAN- GWA-2	02/14/24	1020	G	WG	N	N	✓	✓	3
WAN- GWA-4	02/14/24	1123	G	WG	N	N	✓	✓	3
WAN- GWA-28	02/14/24	1245	G	WG	N	N	✓	✓	3
WAN- GWA-29	02/14/24	1218	G	WG	N	N	✓	✓	3
WAN- GWC-6	02/14/24	1355	G	WG	N	N	✓	✓	3
WAN- GWC-11	02/14/24	1420	G	WG	N	N	✓	✓	3
WAN- LF-FD-04	02/14/24	—	G	WG	N	N	✓	✓	3
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			

680-246863 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		02/14/24 1630	ACC		02/14/24 1630	ACC
2	Relinquished by:	Date/Time: 02/15/24 0830	Company ACC	Received by: Michael Mackey	Date/Time: 2-15-24 8:37	Company
3	Relinquished by: Michael Mackey	Date/Time: 2-15-24 8:37	Company	Received by:	Date/Time: 2/16/24 1003	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.8/1.8

Eurofins TestAmerica, 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: A Schmitthaler / D Johnson (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770 5945998	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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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-2024S1

Special Instructions/Note: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers
			Preservation Code:				D	I	
WAN- GWC-5	02/14/24	1500	G	WG	N	N	✓	✓	3
WAN- GWC-22	02/14/24	1702	G	WG	N	N	✓	✓	3
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			

680-246877-01 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]	02/16/24 1500	ACC	Mashad Mustafa	2-16-24 15:00	
Mashad Mustafa	2-16-24 1500		[signature]		
			[signature]	2/17/24 0952	

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2/3.0

Ver: 01/16/2019

Eurofins TestAmerica, 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: A Schmithorst / J. Benisford ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770 594 5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested		
City: Atlanta	TAT Requested (days): Standard			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

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-2024S1

Special Instructions/Note: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO_4 & TDS (EPA 300.0 & SM 2540C)	Total Number of containers
			Preservation Code:				D	I	
WAN- GWC-9	02/19/24	1405	G	WG	N	N	✓	✓	3
WAN- GWC-10	02/20/24	1015	G	WG	N	N	✓	✓	3
WAN- GWC-12	02/20/24	1218	G	WG	N	N	✓	✓	3
WAN- GWC-13	02/19/24	1400	G	WG	N	N	✓	✓	3
WAN- GWC-14	02/19/24	1537	G	WG	N	N	✓	✓	3
WAN- GWC-17	02/20/24	1404	G	WG	N	N	✓	✓	3
WAN- GWC-20	02/20/24	1515	G	WG	N	N	✓	✓	3
WAN- GWC-21	02/19/24	1515	G	WG	N	N	✓	✓	3
WAN- GWC-23	02/19/24	1610	G	WG	N	N	✓	✓	3
WAN- GWC-26	02/20/24	1335	G	WG	N	N	✓	✓	3
WAN- GWC-27	02/20/24	1525	G	WG	N	N	✓	✓	3

680-247011 Chain of Custody

ATLANTA

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		2/21/24 0851	ACC	Michael Mackel	2/21/24 0851	
2	Michael Mackel	2-21-24 0851				
3					2/22/24 1019	

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0-1/0-1 1.3/1.3 1.9/1.9

Ver: 01/16/2019

Eurofins TestAmerica, 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: A Sanwiller J Bocanegra ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770 594 5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Atlanta	TAT Requested (days): Standard			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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			Task_Code: WAN-CCR-ASSMT-2024S1
Site:	SSOW#:			Special Instructions/Note: APP III + State Permit Metals

4 ATLANTA

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 and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers
			Preservation Code:				D	I	
WAN- GWC-32	02/20/24	1335	G	WG	N	N	✓	✓	3
WAN- GWC-33	02/20/24	1600	G	WG	N	N	✓	✓	3
WAN- LF-FD-05	02/20/24	—	G	WG	N	N	✓	✓	3
WAN- LF-FB-10	02/20/24	1010	G	WQ	N	N	✓	✓	3
WAN- LF-EB-04	02/19/24	1600	G	WQ	N	N	✓	✓	3
WAN- LF-EB-05	02/20/24	1315	G	WQ	N	N	✓	✓	3
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			
WAN-			G		N	N			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/21/24 0851	ACC	Michael Mayfield	2/21/24 0851	
Relinquished by: Michael Mayfield	Date/Time: 2-21-24 0851	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/22/24 1019	Company

Custody Seals Intact: ▵ Yes ▵ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 246863

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	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 246877

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	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 247011

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	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 247011
List Number: 2
Creator: Beck, Brent

List Source: Eurofins Orlando
List Creation: 03/01/24 09:43 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 247150

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	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-246863-1

Login Number: 247150
List Number: 2
Creator: Wehr, Alexander C

List Source: Eurofins Orlando
List Creation: 03/02/24 10:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX C
GWC-9 Boring Log

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/23/2011 COMPLETED 2/23/2011 SURF. ELEV. 709.71 COORDINATES: N - 1238673.12, E - 2027891.35
CONTRACTOR Boart Longyear EQUIPMENT _____ METHOD Rotosonic
DRILLED BY _____ LOGGED BY G. Dyer CHECKED BY _____ ANGLE _____ BEARING _____
BORING DEPTH 16.5 ft. GROUND WATER DEPTH: DURING _____ COMP. _____ DELAYED 4.2 ft. after 20 hrs.
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	SAMPLE DEPTH (ft.)	BLOW COUNTS (N VALUE)	RECOVERY % (RQD)	COMMENTS
		Silt (SM) - tan, brown, wet, low to medium plasticity, fine sand; few gravel sized pieces of quartz, clay fraction = 10%					
5		**Poorly-graded Sandy Gravel (SP)** - mottled tan, brown, dark grey, moist, low plasticity, medium to coarse grain, w/ gravel, gravel is comprised of quartz/gneissic fragments, some clay (approximately 9%)					
10		**Gneiss** - grey, white, hard, very competent, MOP iron oxide staining, some gold staining, quartz and feldspar bands 2" thick - grey, white, hard, very competent, small amounts of iron staining w/ some gold staining, no fractures					
15		**Poorly-graded Gravel (GP)** - zone of angular gravel, oxide staining					gravel resembles that of stream bed.
		Gneiss - grey, white, hard, some oxide staining, competent Bottom of borehole at 16.5 feet.					
20							

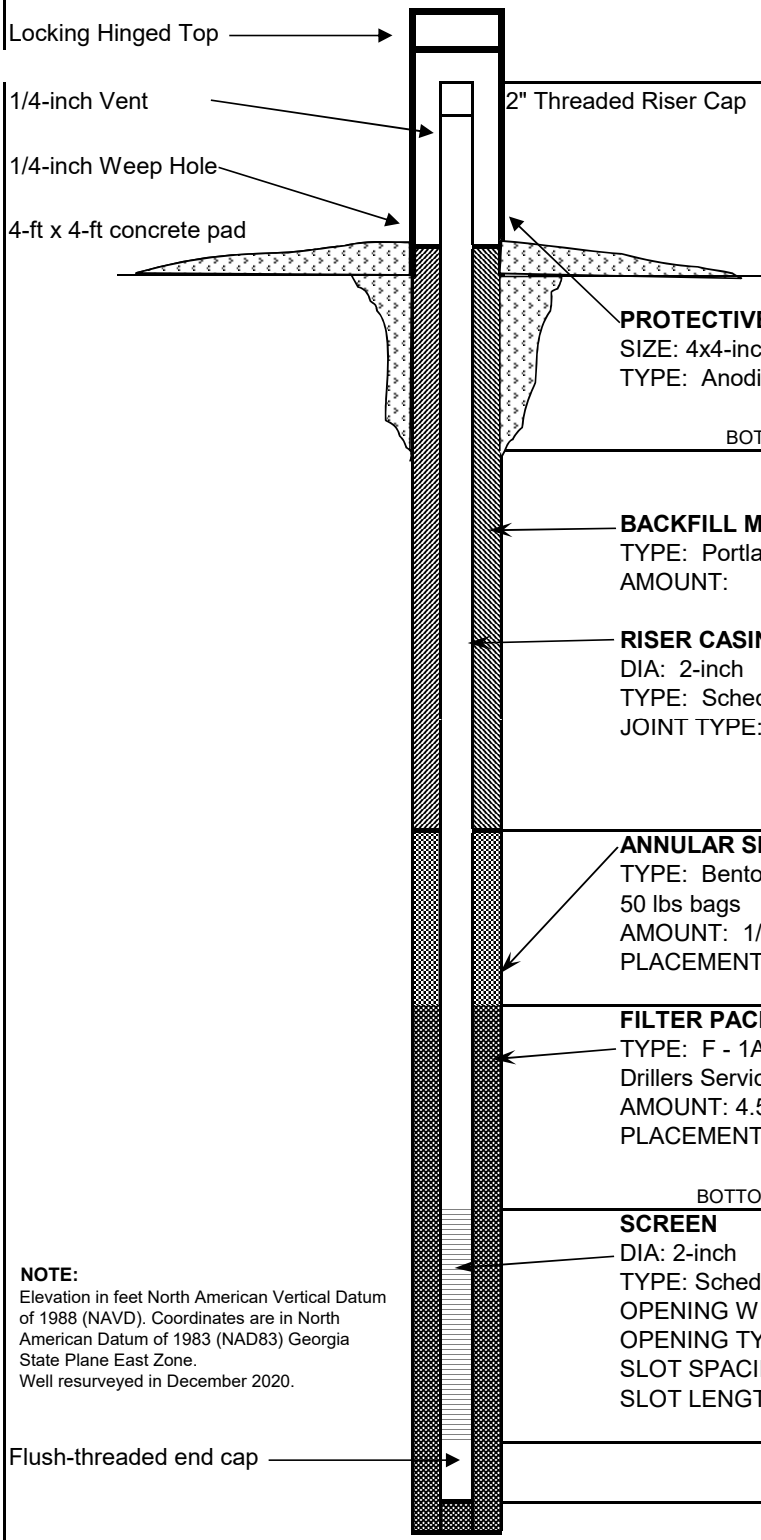
NOTE:
Elevation in feet North American Vertical Datum of 1988 (NAVD).
Coordinates are in North American Datum of 1983 (NAD83)
Georgia State Plane East Zone.
Well resurveyed in December 2020.

GEOTECH ENGINEERING LOGS - ESEE DATABASE.GDT - 11/9/11 15:48 - T:\ESEE MAJOR PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

WELL CONSTRUCTION LOG — Southern Company Generation

PROJECT: Coal Combustion By-Product	DRILLING CO.:	Boart Longyear	WELL NAME
Private Industry Solid Waste Disposal Facility	DRILLER:		
LOCATION: Plant Wansley	RIG TYPE:	Roto Sonic	GWC-9
LOGGER: Dyer	DRILLING METHODS:	Roto Sonic	
DATE CONSTRUCTED: 2-23-11			

N - 1238673.12, E - 2027891.35



	DEPTH FEET	ELEVATION FT NAVD
TOP OF RISER	2.94	712.65
GROUND SURFACE	0.00	709.71
PROTECTIVE CASING SIZE: 4x4-inch TYPE: Anodized Aluminum		
BOTTOM OF PROTECTIVE CASING		
BACKFILL MATERIAL TYPE: Portland Cement Grout AMOUNT:		
RISER CASING DIA: 2-inch TYPE: Schedule 40 PVC JOINT TYPE: Flush Threaded		
TOP OF SEAL	Surface	709.71
ANNULAR SEAL TYPE: Bentonite Chips 50 lbs bags AMOUNT: 1/2 bag PLACEMENT: Tremie		
TOP OF FILTER PACK	4.00	705.71
FILTER PACK TYPE: F - 1A (20/30) Drillers Services, Inc. AMOUNT: 4.5 bags; 50 lbs/bag PLACEMENT: Tremie; wash with water		
BOTTOM OF RISER / TOP OF SCREEN	6.20	703.51
SCREEN DIA: 2-inch TYPE: Schedule 40 PVC Prepack OPENING WIDTH: 0.01-inch OPENING TYPE: Slotted SLOT SPACING: 1/8" SLOT LENGTH: 1.5-inch		
BOTTOM OF SCREEN	16.20	693.51
BOTTOM OF CASING	16.50	693.21

NOTE:
Elevation in feet North American Vertical Datum of 1988 (NAVD). Coordinates are in North American Datum of 1983 (NAD83) Georgia State Plane East Zone.
Well resurveyed in December 2020.

APPENDIX B

Laboratory Analytical Report
J262079

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/5/2025 5:41:00 PM

JOB DESCRIPTION

Plant Wansley Landfill

JOB NUMBER

680-262079-1

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
3/5/2025 5:41:00 PM

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 Landfill

Job ID: 680-262079-1

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.
F2	MS/MSD RPD 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.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262079-1	WAN-GWC-12	Water	02/17/25 12:13	02/21/25 11:00
680-262079-2	WAN-GWC-14	Water	02/17/25 14:35	02/21/25 11:00
680-262079-3	WAN-LF-FB-12	Water	02/17/25 12:35	02/21/25 11:00
680-262079-4	WAN-GWC-6	Water	02/18/25 14:44	02/21/25 11:00
680-262079-5	WAN-GWC-9	Water	02/18/25 14:05	02/21/25 11:00
680-262079-6	WAN-GWC-15	Water	02/18/25 10:20	02/21/25 11:00
680-262079-7	WAN-GWC-11	Water	02/18/25 12:31	02/21/25 11:00
680-262079-8	WAN-GWC-31	Water	02/18/25 09:19	02/21/25 11:00
680-262079-9	WAN-GWC-13	Water	02/18/25 11:58	02/21/25 11:00
680-262079-10	WAN-GWC-35	Water	02/18/25 10:42	02/21/25 11:00
680-262079-11	WAN-LF-FD-07	Water	02/18/25 00:00	02/21/25 11:00
680-262079-12	WAN-LF-FB-13	Water	02/18/25 14:30	02/21/25 11:00
680-262079-13	WAN-LF-EB-06	Water	02/18/25 10:50	02/21/25 11:00
680-262079-14	WAN-GWC-10	Water	02/19/25 09:45	02/21/25 11:00
680-262079-15	WAN-GWC-32	Water	02/19/25 12:23	02/21/25 11:00
680-262079-16	WAN-GWC-33	Water	02/19/25 15:16	02/21/25 11:00
680-262079-17	WAN-LF-EB-07	Water	02/19/25 12:45	02/21/25 11:00

Job Narrative
680-262079-1

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 2/21/2025 11:00 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 1.9°C and 2.3°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877077 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate 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 680-877077 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877229 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877353 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
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-WGC-12 (680-262079-1) and WAN-WGC-14 (680-262079-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-262079-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29**		2.0	0.40	mg/L			02/26/25 19:04	2
Fluoride	<0.080		0.20	0.080	mg/L			02/26/25 19:04	2
Sulfate	**37**		2.0	0.80	mg/L			02/26/25 19:04	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		02/24/25 06:20	02/24/25 14:43	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:43	1
Barium	**0.030**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:43	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:43	1
Boron	**0.15**	**B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:43	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:43	1
Calcium	**59**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:43	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:43	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:43	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:43	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:43	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:43	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:43	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:43	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:43	1
Vanadium	**0.00082**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:43	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:43	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**260**		40	40	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41**		5.0	1.0	mg/L			02/27/25 18:07	5
Fluoride	<0.20		0.50	0.20	mg/L			02/27/25 18:07	5
Sulfate	**7.8**		5.0	2.0	mg/L			02/27/25 18:07	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		02/24/25 06:20	02/24/25 14:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:49	1
Barium	**0.15**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:49	1
Beryllium	**0.00021**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:49	1
Boron	**0.39**	**B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:49	1

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:49	1
Cobalt	**0.34**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:49	1
Nickel	**0.019**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:49	1
Thallium	**0.00055**	**J**	0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:49	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:49	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:49	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**230**		40	40	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

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			02/26/25 19:23	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 19:23	1
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 19:23	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		02/24/25 06:20	02/24/25 14:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:55	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:55	1
Boron	**0.029**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:55	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:55	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:55	1
Vanadium	**0.00074**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:55	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:55	1

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262079-4

Date Collected: 02/18/25 14:44

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.7**		1.0	0.20	mg/L			02/26/25 19:33	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 19:33	1
Sulfate	**12**		1.0	0.40	mg/L			02/26/25 19:33	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		02/24/25 06:20	02/24/25 14:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:57	1
Barium	**0.064**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:57	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:57	1
Boron	**0.029**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:57	1
Calcium	**16**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:57	1
Cobalt	**0.0067**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:57	1
Nickel	**0.0050**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:57	1
Vanadium	**0.0015**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:57	1
Zinc	**0.0032**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:57	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:18	03/04/25 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262079-5

Date Collected: 02/18/25 14:05

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.1		1.0	0.20	mg/L			02/27/25 18:17	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:17	1
Sulfate	14		1.0	0.40	mg/L			02/27/25 18:17	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		02/24/25 06:20	02/24/25 14:59	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:59	1
Barium	0.070		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:59	1
Beryllium	0.00048	J	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:59	1
Boron	0.071	J B	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:59	1
Calcium	8.7		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:59	1
Chromium	0.0017	J	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:59	1
Cobalt	0.022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:59	1
Copper	0.0015	J	0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:59	1
Nickel	0.011		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:59	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:59	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:59	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:59	1
Vanadium	0.0020		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:59	1
Zinc	0.016		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:59	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	75		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9		1.0	0.20	mg/L			02/27/25 18:26	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:26	1
Sulfate	2.4		1.0	0.40	mg/L			02/27/25 18:26	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		02/24/25 06:20	02/24/25 15:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:01	1
Barium	0.010		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:01	1
Boron	0.089	B	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:01	1

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**11**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:01	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:01	1
Vanadium	**0.0026**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:01	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:01	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

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			02/27/25 18:36	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:36	1
Sulfate	**1.6**		1.0	0.40	mg/L			02/27/25 18:36	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		02/24/25 06:20	02/24/25 14:31	1
Arsenic	**0.0010**		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:31	1
Barium	**0.20**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:31	1
Beryllium	**0.00041**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:31	1
Boron	**0.047**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:31	1
Calcium	**8.8**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:31	1
Chromium	**0.0027**		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:31	1
Cobalt	**0.0035**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:31	1
Lead	**0.0022**		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:31	1
Nickel	**0.00055**	**J**	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:31	1
Vanadium	**0.0026**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:31	1
Zinc	**0.038**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:31	1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	130		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262079-8

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.20	mg/L			02/27/25 18:46	1
Fluoride	1.3		0.10	0.040	mg/L			02/27/25 18:46	1
Sulfate	8.8		1.0	0.40	mg/L			02/27/25 18:46	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		02/24/25 06:20	02/24/25 14:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:33	1
Barium	0.0023	J	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:33	1
Beryllium	0.00068	J	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:33	1
Boron	0.047	J B	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:33	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:33	1
Calcium	7.8		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:33	1
Chromium	0.0015	J	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:33	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:33	1
Copper	0.0011	J	0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:33	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:33	1
Nickel	0.00074	J	0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:33	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:33	1
Vanadium	0.0014	J	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:33	1
Zinc	0.012		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:33	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	79		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262079-9

Date Collected: 02/18/25 11:58

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.20	mg/L			02/27/25 18:56	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 18:56	1
Sulfate	**2.3**		1.0	0.40	mg/L			02/27/25 18:56	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		02/24/25 06:20	02/24/25 14:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:35	1
Barium	**0.0038**	**J**	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:35	1
Boron	**0.036**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:35	1
Calcium	**5.8**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:35	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:35	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:35	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**63**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25**		2.0	0.40	mg/L			02/27/25 19:05	2
Fluoride	<0.080		0.20	0.080	mg/L			02/27/25 19:05	2
Sulfate	**7.0**		2.0	0.80	mg/L			02/27/25 19:05	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		02/24/25 06:20	02/24/25 14:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:37	1
Barium	**0.065**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:37	1
Boron	**0.15**	**B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:37	1

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**7.7**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:37	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:37	1
Cobalt	**0.00054**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:37	1
Nickel	**0.0026**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:37	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:37	1
Zinc	**0.0032**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:37	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**82**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28**	**F1**	2.0	0.40	mg/L			02/28/25 16:15	2
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 19:15	1
Sulfate	**7.1**		1.0	0.40	mg/L			02/27/25 19:15	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		02/24/25 06:20	02/24/25 15:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:03	1
Barium	**0.067**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:03	1
Boron	**0.14**	**B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:03	1
Calcium	**7.5**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:03	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:03	1
Cobalt	**0.00044**	**J**	0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:03	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:03	1
Vanadium	**0.0028**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:03	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:03	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00
Matrix: Water
Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: WAN-LF-FB-13

Lab Sample ID: 680-262079-12

Date Collected: 02/18/25 14:30
Matrix: Water
Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20	F1 F2	1.0	0.20	mg/L			02/27/25 19:45	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			02/27/25 19:45	1
Sulfate	<0.40	F1 F2	1.0	0.40	mg/L			02/27/25 19:45	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		02/24/25 06:20	02/24/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:05	1
Vanadium	**0.0022**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:05	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-262079-13

Date Collected: 02/18/25 10:50

Matrix: Water

Date Received: 02/21/25 11:00

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			02/27/25 20:14	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 20:14	1
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 20:14	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		02/24/25 06:20	02/24/25 15:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:07	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:07	1
Calcium	**0.17**	**J**	0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:07	1
Lead	**0.0013**		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:07	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:07	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/24/25 17:56	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		1.0	0.20	mg/L			02/27/25 20:24	1
Fluoride	**0.66**		0.10	0.040	mg/L			02/27/25 20:24	1
Sulfate	**10**		1.0	0.40	mg/L			02/27/25 20:24	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		02/24/25 06:20	02/24/25 15:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:09	1
Barium	**0.026**		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:09	1
Beryllium	**0.00025**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:09	1
Boron	**0.025**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:09	1

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**16**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:09	1
Cobalt	**0.0041**		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:09	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:09	1
Vanadium	**0.0027**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:09	1
Zinc	**0.0066**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:09	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 20:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

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			02/28/25 12:42	1
Fluoride	**2.2**		0.10	0.040	mg/L			02/28/25 12:42	1
Sulfate	**7.2**		1.0	0.40	mg/L			02/28/25 12:42	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		02/24/25 06:20	02/24/25 15:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:11	1
Barium	**0.0012**	**J**	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:11	1
Beryllium	**0.0011**	**J**	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:11	1
Boron	**0.026**	**J B**	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:11	1
Calcium	**7.6**		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:11	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:11	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:11	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:11	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:11	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:11	1
Vanadium	**0.0037**		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:11	1
Zinc	**0.025**		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:11	1

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	80		10	10	mg/L			02/25/25 18:04	1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-262079-16

Date Collected: 02/19/25 15:16

Matrix: Water

Date Received: 02/21/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.20	mg/L			02/28/25 13:11	1
Fluoride	1.7		0.10	0.040	mg/L			02/28/25 13:11	1
Sulfate	8.6		1.0	0.40	mg/L			02/28/25 13:11	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 15:13	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:13	1
Barium	0.0067	J	0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:13	1
Beryllium	0.00046	J	0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:13	1
Boron	0.032	J B	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:13	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:13	1
Calcium	18		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:13	1
Chromium	0.0014	J	0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:13	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:13	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:13	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:13	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:13	1
Vanadium	0.0031		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:13	1
Zinc	0.0032	J	0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:13	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 19:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	95		10	10	mg/L			02/25/25 18:04	1

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-LF-EB-07

Lab Sample ID: 680-262079-17

Date Collected: 02/19/25 12:45

Matrix: Water

Date Received: 02/21/25 11:00

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			02/28/25 13:21	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 13:21	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 13:21	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		02/24/25 06:20	02/24/25 15:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 15:18	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 15:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 15:18	1
Boron	<0.022		0.080	0.022	mg/L		02/24/25 06:20	02/24/25 15:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 15:18	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 15:18	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 15:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 15:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 15:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 15:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 15:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 15:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 15:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 15:18	1
Vanadium	**0.0017**	**J**	0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 15:18	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 15:18	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/25/25 18:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877077/2
Matrix: Water
Analysis Batch: 877077

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			02/26/25 11:44	1
Fluoride	<0.040		0.10	0.040	mg/L			02/26/25 11:44	1
Sulfate	<0.40		1.0	0.40	mg/L			02/26/25 11:44	1

Lab Sample ID: LCS 680-877077/3
Matrix: Water
Analysis Batch: 877077

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	9.96		mg/L		100	90 - 110
Fluoride	2.00	2.02		mg/L		101	90 - 110
Sulfate	10.0	10.8		mg/L		108	90 - 110

Lab Sample ID: LCSD 680-877077/4
Matrix: Water
Analysis Batch: 877077

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	9.96		mg/L		100	90 - 110	0	15
Fluoride	2.00	2.01		mg/L		101	90 - 110	1	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	1	15

Lab Sample ID: 680-262055-F-15 MS
Matrix: Water
Analysis Batch: 877077

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	17	F1 F2	10.0	24.5	E F1	mg/L		78	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.63		mg/L		81	80 - 120
Sulfate	170	E	10.0	177	E 4	mg/L		109	80 - 120

Lab Sample ID: 680-262055-F-15 MSD
Matrix: Water
Analysis Batch: 877077

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	17	F1 F2	10.0	19.5	F1 F2	mg/L		28	80 - 120	23	15
Fluoride	<0.040	F1 F2	2.00	0.604	F1 F2	mg/L		30	80 - 120	92	15
Sulfate	170	E	10.0	169	E 4	mg/L		31	80 - 120	5	15

Lab Sample ID: MB 680-877229/2
Matrix: Water
Analysis Batch: 877229

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			02/27/25 10:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/27/25 10:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/27/25 10:15	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877229/3
Matrix: Water
Analysis Batch: 877229

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	9.99		mg/L		100	90 - 110		
Fluoride			2.00	2.05		mg/L		103	90 - 110		
Sulfate			10.0	11.0		mg/L		110	90 - 110		

Lab Sample ID: LCSD 680-877229/4
Matrix: Water
Analysis Batch: 877229

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	9.98		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: 680-262079-12 MS
Matrix: Water
Analysis Batch: 877229

Client Sample ID: WAN-LF-FB-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<0.20	F1 F2	10.0	7.09	F1	mg/L		71	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.44	F1	mg/L		72	80 - 120		
Sulfate	<0.40	F1 F2	10.0	6.22	F1	mg/L		62	80 - 120		

Lab Sample ID: 680-262079-12 MSD
Matrix: Water
Analysis Batch: 877229

Client Sample ID: WAN-LF-FB-13
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	F1 F2	10.0	9.89	F2	mg/L		99	80 - 120	33	15
Fluoride	<0.040	F1 F2	2.00	2.04	F2	mg/L		102	80 - 120	34	15
Sulfate	<0.40	F1 F2	10.0	11.1	F2	mg/L		111	80 - 120	56	15

Lab Sample ID: MB 680-877352/2
Matrix: Water
Analysis Batch: 877352

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			02/28/25 11:15	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 11:15	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 11:15	1

Lab Sample ID: LCS 680-877352/3
Matrix: Water
Analysis Batch: 877352

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	9.16		mg/L		92	90 - 110		
Fluoride			2.00	1.93		mg/L		96	90 - 110		
Sulfate			10.0	9.66		mg/L		97	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-877352/4
Matrix: Water
Analysis Batch: 877352

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	9.03		mg/L		90	90 - 110	1	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	2	15
Sulfate			10.0	9.43		mg/L		94	90 - 110	2	15

Lab Sample ID: 680-262079-15 MS
Matrix: Water
Analysis Batch: 877352

Client Sample ID: WAN-GWC-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.1		10.0	10.4		mg/L		94	80 - 120		
Fluoride	2.2		2.00	4.00		mg/L		92	80 - 120		
Sulfate	7.2		10.0	17.1		mg/L		98	80 - 120		

Lab Sample ID: 680-262079-15 MSD
Matrix: Water
Analysis Batch: 877352

Client Sample ID: WAN-GWC-32
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		10.0	9.25		mg/L		82	80 - 120	12	15
Fluoride	2.2		2.00	3.76		mg/L		80	80 - 120	6	15
Sulfate	7.2		10.0	15.7		mg/L		84	80 - 120	8	15

Lab Sample ID: MB 680-877353/2
Matrix: Water
Analysis Batch: 877353

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			02/28/25 10:07	1
Fluoride	<0.040		0.10	0.040	mg/L			02/28/25 10:07	1
Sulfate	<0.40		1.0	0.40	mg/L			02/28/25 10:07	1

Lab Sample ID: LCS 680-877353/3
Matrix: Water
Analysis Batch: 877353

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	9.39		mg/L		94	90 - 110		
Sulfate			10.0	10.5		mg/L		105	90 - 110		

Lab Sample ID: LCSD 680-877353/4
Matrix: Water
Analysis Batch: 877353

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	9.78		mg/L		98	90 - 110	4	15
Sulfate			10.0	10.8		mg/L		108	90 - 110	3	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262079-11 MS
Matrix: Water
Analysis Batch: 877353

Client Sample ID: WAN-LF-FD-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28	F1	20.0	43.6	E F1	mg/L		79	80 - 120

Lab Sample ID: 680-262079-11 MSD
Matrix: Water
Analysis Batch: 877353

Client Sample ID: WAN-LF-FD-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	28	F1	20.0	42.5	E F1	mg/L		74	80 - 120	3	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876734/1-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/24/25 06:20	02/24/25 14:39	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/24/25 06:20	02/24/25 14:39	1
Barium	<0.00089		0.010	0.00089	mg/L		02/24/25 06:20	02/24/25 14:39	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/24/25 06:20	02/24/25 14:39	1
Boron	0.0251	J	0.080	0.022	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/24/25 06:20	02/24/25 14:39	1
Calcium	<0.14		0.50	0.14	mg/L		02/24/25 06:20	02/24/25 14:39	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/24/25 06:20	02/24/25 14:39	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/24/25 06:20	02/24/25 14:39	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/24/25 06:20	02/24/25 14:39	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/24/25 06:20	02/24/25 14:39	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/24/25 06:20	02/24/25 14:39	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/24/25 06:20	02/24/25 14:39	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/24/25 06:20	02/24/25 14:39	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/24/25 06:20	02/24/25 14:39	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/24/25 06:20	02/24/25 14:39	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/24/25 06:20	02/24/25 14:39	1

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0474		mg/L		95	80 - 120
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.100	0.0946		mg/L		95	80 - 120
Beryllium	0.0500	0.0484		mg/L		97	80 - 120
Boron	0.400	0.390		mg/L		98	80 - 120
Cadmium	0.0500	0.0495		mg/L		99	80 - 120
Calcium	5.00	4.87		mg/L		97	80 - 120
Chromium	0.100	0.0991		mg/L		99	80 - 120
Cobalt	0.0500	0.0453		mg/L		91	80 - 120
Copper	0.101	0.0919		mg/L		91	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-876734/2-A
Matrix: Water
Analysis Batch: 876876

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			0.500	0.482		mg/L		96	80 - 120		
Nickel			0.100	0.0916		mg/L		92	80 - 120		
Selenium			0.100	0.0961		mg/L		96	80 - 120		
Silver			0.0500	0.0481		mg/L		96	80 - 120		
Thallium			0.0500	0.0499		mg/L		100	80 - 120		
Vanadium			0.100	0.0975		mg/L		98	80 - 120		
Zinc			0.100	0.106		mg/L		106	80 - 120		

Lab Sample ID: 680-262079-1 MS
Matrix: Water
Analysis Batch: 876876

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.00034		0.0500	0.0519		mg/L		104	75 - 125		
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125		
Barium	0.030		0.100	0.134		mg/L		105	75 - 125		
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125		
Boron	0.15	B	0.400	0.557		mg/L		101	75 - 125		
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125		
Calcium	59		5.00	60.7	4	mg/L		43	75 - 125		
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125		
Cobalt	<0.00022		0.0500	0.0497		mg/L		99	75 - 125		
Copper	<0.0011		0.101	0.0990		mg/L		98	75 - 125		
Lead	<0.00021		0.500	0.529		mg/L		106	75 - 125		
Nickel	<0.00042		0.100	0.100		mg/L		100	75 - 125		
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125		
Silver	<0.00039		0.0500	0.0529		mg/L		106	75 - 125		
Thallium	<0.00026		0.0500	0.0550		mg/L		110	75 - 125		
Vanadium	0.00082	J	0.100	0.107		mg/L		107	75 - 125		
Zinc	<0.0028		0.100	0.123		mg/L		123	75 - 125		

Lab Sample ID: 680-262079-1 MSD
Matrix: Water
Analysis Batch: 876876

Client Sample ID: WAN-GWC-12
Prep Type: Total Recoverable
Prep Batch: 876734

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	4	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	0	20
Barium	0.030		0.100	0.130		mg/L		100	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0533		mg/L		107	75 - 125	0	20
Boron	0.15	B	0.400	0.537		mg/L		96	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0533		mg/L		107	75 - 125	1	20
Calcium	59		5.00	59.0	4	mg/L		9	75 - 125	3	20
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0482		mg/L		96	75 - 125	3	20
Copper	<0.0011		0.101	0.0969		mg/L		96	75 - 125	2	20
Lead	<0.00021		0.500	0.515		mg/L		103	75 - 125	3	20
Nickel	<0.00042		0.100	0.0970		mg/L		97	75 - 125	3	20
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262079-1 MSD — **Client Sample ID: WAN-GWC-12**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 876876 — **Prep Batch: 876734**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	<0.00039		0.0500	0.0520		mg/L		104	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0532		mg/L		106	75 - 125	3	20
Vanadium	0.00082	J	0.100	0.105		mg/L		104	75 - 125	2	20
Zinc	<0.0028		0.100	0.105		mg/L		105	75 - 125	16	20

Method: 7470A - Mercury

Lab Sample ID: MB 680-877713/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877713**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:11	03/04/25 19:36	1

Lab Sample ID: LCS 680-877713/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877713**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00249		mg/L		99	80 - 120

Lab Sample ID: 680-262079-9 MS — **Client Sample ID: WAN-GWC-13**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877713**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000995		mg/L		99	80 - 120

Lab Sample ID: 680-262079-9 MSD — **Client Sample ID: WAN-GWC-13**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877713**

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	0	20

Lab Sample ID: MB 680-877714/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877714**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 877813 — **Prep Batch: 877714**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Method: 7470A - Mercury (Continued)

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

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: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876657/1
Matrix: Water
Analysis Batch: 876657

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			02/21/25 14:35	1

Lab Sample ID: LCS 680-876657/2
Matrix: Water
Analysis Batch: 876657

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 680-876657/3
Matrix: Water
Analysis Batch: 876657

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	2390		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-262079-1 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: WAN-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	260		248		mg/L		5	5

Lab Sample ID: 680-262079-2 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: WAN-GWC-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		230		mg/L		2	5

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: MB 680-876844/1
Matrix: Water
Analysis Batch: 876844

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			02/24/25 17:56	1

Lab Sample ID: LCS 680-876844/2
Matrix: Water
Analysis Batch: 876844

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 680-876844/3
Matrix: Water
Analysis Batch: 876844

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	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262055-C-4 DU
Matrix: Water
Analysis Batch: 876844

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	310		318		mg/L		1	5

Lab Sample ID: MB 680-877013/1
Matrix: Water
Analysis Batch: 877013

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			02/25/25 18:04	1

Lab Sample ID: LCS 680-877013/2
Matrix: Water
Analysis Batch: 877013

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	2440		mg/L		100	80 - 120

Lab Sample ID: LCSD 680-877013/3
Matrix: Water
Analysis Batch: 877013

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: 680-262055-C-15 DU
Matrix: Water
Analysis Batch: 877013

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	320		316		mg/L		0	5

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 680-262134-B-2 DU
Matrix: Water
Analysis Batch: 877013

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	720			708		mg/L				2	5

HPLC/IC

Analysis Batch: 877077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	300.0-1993 R2.1	
680-262079-4	WAN-GWC-6	Total/NA	Water	300.0-1993 R2.1	
MB 680-877077/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877077/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877077/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262055-F-15 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262055-F-15 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-2	WAN-GWC-14	Total/NA	Water	300.0-1993 R2.1	
680-262079-5	WAN-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-262079-6	WAN-GWC-15	Total/NA	Water	300.0-1993 R2.1	
680-262079-7	WAN-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-262079-8	WAN-GWC-31	Total/NA	Water	300.0-1993 R2.1	
680-262079-9	WAN-GWC-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-10	WAN-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
680-262079-12	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	300.0-1993 R2.1	
680-262079-14	WAN-GWC-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-877229/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877229/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877229/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-12 MS	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	
680-262079-12 MSD	WAN-LF-FB-13	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-15	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262079-16	WAN-GWC-33	Total/NA	Water	300.0-1993 R2.1	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	300.0-1993 R2.1	
MB 680-877352/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877352/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877352/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-15 MS	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262079-15 MSD	WAN-GWC-32	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-11	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
MB 680-877353/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877353/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877353/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262079-11 MS	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	
680-262079-11 MSD	WAN-LF-FD-07	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total Recoverable	Water	3005A	
680-262079-2	WAN-GWC-14	Total Recoverable	Water	3005A	
680-262079-3	WAN-LF-FB-12	Total Recoverable	Water	3005A	
680-262079-4	WAN-GWC-6	Total Recoverable	Water	3005A	
680-262079-5	WAN-GWC-9	Total Recoverable	Water	3005A	
680-262079-6	WAN-GWC-15	Total Recoverable	Water	3005A	
680-262079-7	WAN-GWC-11	Total Recoverable	Water	3005A	
680-262079-8	WAN-GWC-31	Total Recoverable	Water	3005A	
680-262079-9	WAN-GWC-13	Total Recoverable	Water	3005A	
680-262079-10	WAN-GWC-35	Total Recoverable	Water	3005A	
680-262079-11	WAN-LF-FD-07	Total Recoverable	Water	3005A	
680-262079-12	WAN-LF-FB-13	Total Recoverable	Water	3005A	
680-262079-13	WAN-LF-EB-06	Total Recoverable	Water	3005A	
680-262079-14	WAN-GWC-10	Total Recoverable	Water	3005A	
680-262079-15	WAN-GWC-32	Total Recoverable	Water	3005A	
680-262079-16	WAN-GWC-33	Total Recoverable	Water	3005A	
680-262079-17	WAN-LF-EB-07	Total Recoverable	Water	3005A	
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262079-1 MS	WAN-GWC-12	Total Recoverable	Water	3005A	
680-262079-1 MSD	WAN-GWC-12	Total Recoverable	Water	3005A	

Analysis Batch: 876876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-2	WAN-GWC-14	Total Recoverable	Water	6020B	876734
680-262079-3	WAN-LF-FB-12	Total Recoverable	Water	6020B	876734
680-262079-4	WAN-GWC-6	Total Recoverable	Water	6020B	876734
680-262079-5	WAN-GWC-9	Total Recoverable	Water	6020B	876734
680-262079-6	WAN-GWC-15	Total Recoverable	Water	6020B	876734
680-262079-7	WAN-GWC-11	Total Recoverable	Water	6020B	876734
680-262079-8	WAN-GWC-31	Total Recoverable	Water	6020B	876734
680-262079-9	WAN-GWC-13	Total Recoverable	Water	6020B	876734
680-262079-10	WAN-GWC-35	Total Recoverable	Water	6020B	876734
680-262079-11	WAN-LF-FD-07	Total Recoverable	Water	6020B	876734
680-262079-12	WAN-LF-FB-13	Total Recoverable	Water	6020B	876734
680-262079-13	WAN-LF-EB-06	Total Recoverable	Water	6020B	876734
680-262079-14	WAN-GWC-10	Total Recoverable	Water	6020B	876734
680-262079-15	WAN-GWC-32	Total Recoverable	Water	6020B	876734
680-262079-16	WAN-GWC-33	Total Recoverable	Water	6020B	876734
680-262079-17	WAN-LF-EB-07	Total Recoverable	Water	6020B	876734
MB 680-876734/1-A	Method Blank	Total Recoverable	Water	6020B	876734
LCS 680-876734/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876734
680-262079-1 MS	WAN-GWC-12	Total Recoverable	Water	6020B	876734
680-262079-1 MSD	WAN-GWC-12	Total Recoverable	Water	6020B	876734

Prep Batch: 877713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	7470A	
680-262079-2	WAN-GWC-14	Total/NA	Water	7470A	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 877713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-6	WAN-GWC-15	Total/NA	Water	7470A	
680-262079-7	WAN-GWC-11	Total/NA	Water	7470A	
680-262079-8	WAN-GWC-31	Total/NA	Water	7470A	
680-262079-9	WAN-GWC-13	Total/NA	Water	7470A	
680-262079-10	WAN-GWC-35	Total/NA	Water	7470A	
680-262079-12	WAN-LF-FB-13	Total/NA	Water	7470A	
680-262079-14	WAN-GWC-10	Total/NA	Water	7470A	
680-262079-15	WAN-GWC-32	Total/NA	Water	7470A	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	7470A	
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262079-9 MS	WAN-GWC-13	Total/NA	Water	7470A	
680-262079-9 MSD	WAN-GWC-13	Total/NA	Water	7470A	

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-4	WAN-GWC-6	Total/NA	Water	7470A	
680-262079-5	WAN-GWC-9	Total/NA	Water	7470A	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	7470A	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	7470A	
680-262079-16	WAN-GWC-33	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	7470A	877713
680-262079-2	WAN-GWC-14	Total/NA	Water	7470A	877713
680-262079-3	WAN-LF-FB-12	Total/NA	Water	7470A	877713
680-262079-4	WAN-GWC-6	Total/NA	Water	7470A	877714
680-262079-5	WAN-GWC-9	Total/NA	Water	7470A	877714
680-262079-6	WAN-GWC-15	Total/NA	Water	7470A	877713
680-262079-7	WAN-GWC-11	Total/NA	Water	7470A	877713
680-262079-8	WAN-GWC-31	Total/NA	Water	7470A	877713
680-262079-9	WAN-GWC-13	Total/NA	Water	7470A	877713
680-262079-10	WAN-GWC-35	Total/NA	Water	7470A	877713
680-262079-11	WAN-LF-FD-07	Total/NA	Water	7470A	877714
680-262079-12	WAN-LF-FB-13	Total/NA	Water	7470A	877713
680-262079-13	WAN-LF-EB-06	Total/NA	Water	7470A	877714
680-262079-14	WAN-GWC-10	Total/NA	Water	7470A	877713
680-262079-15	WAN-GWC-32	Total/NA	Water	7470A	877713
680-262079-16	WAN-GWC-33	Total/NA	Water	7470A	877714
680-262079-17	WAN-LF-EB-07	Total/NA	Water	7470A	877713
MB 680-877713/1-A	Method Blank	Total/NA	Water	7470A	877713
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877713/2-A	Lab Control Sample	Total/NA	Water	7470A	877713
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262079-9 MS	WAN-GWC-13	Total/NA	Water	7470A	877713
680-262079-9 MSD	WAN-GWC-13	Total/NA	Water	7470A	877713

Metals (Continued)

Analysis Batch: 877813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714

General Chemistry

Analysis Batch: 876657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-1	WAN-GWC-12	Total/NA	Water	2540C-2011	
680-262079-2	WAN-GWC-14	Total/NA	Water	2540C-2011	
680-262079-3	WAN-LF-FB-12	Total/NA	Water	2540C-2011	
680-262079-4	WAN-GWC-6	Total/NA	Water	2540C-2011	
680-262079-5	WAN-GWC-9	Total/NA	Water	2540C-2011	
680-262079-6	WAN-GWC-15	Total/NA	Water	2540C-2011	
680-262079-7	WAN-GWC-11	Total/NA	Water	2540C-2011	
680-262079-8	WAN-GWC-31	Total/NA	Water	2540C-2011	
680-262079-9	WAN-GWC-13	Total/NA	Water	2540C-2011	
680-262079-10	WAN-GWC-35	Total/NA	Water	2540C-2011	
680-262079-11	WAN-LF-FD-07	Total/NA	Water	2540C-2011	
MB 680-876657/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876657/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876657/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262079-1 DU	WAN-GWC-12	Total/NA	Water	2540C-2011	
680-262079-2 DU	WAN-GWC-14	Total/NA	Water	2540C-2011	

Analysis Batch: 876844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-12	WAN-LF-FB-13	Total/NA	Water	2540C-2011	
680-262079-13	WAN-LF-EB-06	Total/NA	Water	2540C-2011	
MB 680-876844/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876844/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876844/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-C-4 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262079-14	WAN-GWC-10	Total/NA	Water	2540C-2011	
680-262079-15	WAN-GWC-32	Total/NA	Water	2540C-2011	
680-262079-16	WAN-GWC-33	Total/NA	Water	2540C-2011	
680-262079-17	WAN-LF-EB-07	Total/NA	Water	2540C-2011	
MB 680-877013/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877013/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877013/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262055-C-15 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262134-B-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-12

Lab Sample ID: 680-262079-1

Date Collected: 02/17/25 12:13

Matrix: Water

Date Received: 02/21/25 11:00

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	877077	02/26/25 19:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:43	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:13	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-14

Lab Sample ID: 680-262079-2

Date Collected: 02/17/25 14:35

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:07	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-12

Lab Sample ID: 680-262079-3

Date Collected: 02/17/25 12:35

Matrix: Water

Date Received: 02/21/25 11:00

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	877077	02/26/25 19:23	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:09	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-6

Lab Sample ID: 680-262079-4

Date Collected: 02/18/25 14:44

Matrix: Water

Date Received: 02/21/25 11:00

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	877077	02/26/25 19:33	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:57	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:29	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-9

Lab Sample ID: 680-262079-5

Date Collected: 02/18/25 14:05

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:17	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:58	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-15

Lab Sample ID: 680-262079-6

Date Collected: 02/18/25 10:20

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:26	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:16	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-11

Lab Sample ID: 680-262079-7

Date Collected: 02/18/25 12:31

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:36	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:31	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:25	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-31

Lab Sample ID: 680-262079-8

Date Collected: 02/18/25 09:19

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:46	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:33	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:59	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-13

Lab Sample ID: 680-262079-9

Date Collected: 02/18/25 11:58

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 18:56	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:35	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:40	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-35

Lab Sample ID: 680-262079-10

Date Collected: 02/18/25 10:42

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:05	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 14:37	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:11	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FD-07

Lab Sample ID: 680-262079-11

Date Collected: 02/18/25 00:00

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:15	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	877353	02/28/25 16:15	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-FB-13

Lab Sample ID: 680-262079-12

Date Collected: 02/18/25 14:30

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 19:45	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:57	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-06

Lab Sample ID: 680-262079-13

Date Collected: 02/18/25 10:50

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 20:14	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876844	02/24/25 17:56	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-10

Lab Sample ID: 680-262079-14

Date Collected: 02/19/25 09:45

Matrix: Water

Date Received: 02/21/25 11:00

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	877229	02/27/25 20:24	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 20:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-GWC-32

Lab Sample ID: 680-262079-15

Date Collected: 02/19/25 12:23

Matrix: Water

Date Received: 02/21/25 11:00

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	877352	02/28/25 12:42	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:11	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 680-262079-1

Client Sample ID: WAN-GWC-33

Lab Sample ID: 680-262079-16

Date Collected: 02/19/25 15:16

Matrix: Water

Date Received: 02/21/25 11:00

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	877352	02/28/25 13:11	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:13	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:00	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-LF-EB-07

Lab Sample ID: 680-262079-17

Date Collected: 02/19/25 12:45

Matrix: Water

Date Received: 02/21/25 11:00

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	877352	02/28/25 13:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876734	02/24/25 06:20	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876876	02/24/25 15:18	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877713	03/04/25 13:11	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 19:47	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877013	02/25/25 18:04	PG	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: 680-262079-1
Project/Site: Plant Wansley Landfill

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 Landfill

Job ID: 680-262079-1

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	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	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 TestAmerica, 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: H. Auld, C. Klamke (ACC)	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of 2
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page:
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 #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	Project #:			
Site:	SSOW#:			

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:

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 and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO_4, & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	Task_Code: WAN-CCR-ASSMT-2025S1 Special Instructions/Note: APP III + State Permit Metals
			Preservation Code:				D	I		
WAN- GWC-12	02/17/25	1213	G	WG	N	N	✓	✓	3	
WAN- GWC-14	02/17/25	1435	G	WG	N	N	✓	✓	3	
WAN- LF-FB-12	02/17/25	1235	G	WQ	N	N	✓	✓	3	21788
WAN- GWC-6	02/18/25	1444	G	WG	N	N	✓	✓	3	
WAN- GWC-9	02/18/25	1405	G	WG	N	N	✓	✓	3	
WAN- GWC-15	02/18/25	1020	G	WG	N	N	✓	✓	3	
WAN- GWC-11	02/18/25	1231	G	WG	N	N	✓	✓	3	
WAN- GWC-31	02/18/25	0919	G	WG	N	N	✓	✓	3	
WAN- GWC-13	02/18/25	1158	G	WG	N	N	✓	✓	3	
WAN- GWC-35	02/18/25	1042	G	WG	N	N	✓	✓	3	
WAN- LF-FD-07	02/18/25	—	G	WG	N	N	✓	✓	3	

680-262079 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: 2/19/25 1821	Company ACC	Received by:	Date/Time: 2/19/25 18:21	Company
Relinquished by:	Date/Time: 2/20/25	Company	Received by:	Date/Time: 2/21/25 1100	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2.3/2.3 1.9/1.9	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.0, 1.1, 1.1 #2665

Ver: 01/16/2019

Eurofins TestAmerica, 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: H. Auld, C. Klamke ACC	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027763			
Email: SCS Contacts / ACC Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Landfill	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: APP III + State Permit Metals

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO_4 & TDS (EPA 300.0 & SM 2540C)	Total Number of containers	
			Preservation Code:				D	I		
WAN- LF-FB-13	02/18/25	1430	G	WQ	N	N	✓	✓	3	
WAN- LF-EB-06	02/18/25	1050	G	WQ	N	N	✓	✓	3	21788
WAN- GWC-10	02/19/25	0945	G	WG	N	N	✓	✓	3	
WAN- GWC-32	02/19/25	1223	G	WG	N	N	✓	✓	3	
WAN- GWC-33	02/19/25	1516	G	WG	N	N	✓	✓	3	HNO3 (2) * Please use volume from TDS for Cl, F, SO4 *
WAN- LF-EB-07	02/19/25	1245	G	WQ	N	N	✓	✓	3	
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				
WAN-			G		N	N				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 2/19/25 1821	Company ACC	Received by:	Date/Time: 2/19/25 18:21	Company
Relinquished by:	Date/Time: 2/20/25	Company	Received by:	Date/Time: 2/21/25 1100	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2.3/23 1.9/1.9	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0, 1.1, 1.1 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262079-1

Login Number: 262079

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.	False	
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	

APPENDIX C
Boring Logs

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/23/2011 COMPLETED 2/23/2011 SURF. ELEV. 709.71 COORDINATES: N - 1238673.12, E - 2027891.35
CONTRACTOR Boart Longyear EQUIPMENT _____ METHOD Rotosonic
DRILLED BY _____ LOGGED BY G. Dyer CHECKED BY _____ ANGLE _____ BEARING _____
BORING DEPTH 16.5 ft. GROUND WATER DEPTH: DURING _____ COMP. _____ DELAYED 4.2 ft. after 20 hrs.
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	SAMPLE DEPTH (ft.)	BLOW COUNTS (N VALUE)	RECOVERY % (RQD)	COMMENTS
		Silt (SM) - tan, brown, wet, low to medium plasticity, fine sand; few gravel sized pieces of quartz, clay fraction = 10%					
5		**Poorly-graded Sandy Gravel (SP)** - mottled tan, brown, dark grey, moist, low plasticity, medium to coarse grain, w/ gravel, gravel is comprised of quartz/gneissic fragments, some clay (approximately 9%)					
10		**Gneiss** - grey, white, hard, very competent, MOP iron oxide staining, some gold staining, quartz and feldspar bands 2" thick - grey, white, hard, very competent, small amounts of iron staining w/ some gold staining, no fractures					
15		**Poorly-graded Gravel (GP)** - zone of angular gravel, oxide staining					gravel resembles that of stream bed.
		Gneiss - grey, white, hard, some oxide staining, competent Bottom of borehole at 16.5 feet.					
20							

NOTE:
Elevation in feet North American Vertical Datum of 1988 (NAVD).
Coordinates are in North American Datum of 1983 (NAD83)
Georgia State Plane East Zone.
Well resurveyed in December 2020.

GEOTECH ENGINEERING LOGS - ESEE DATABASE.GDT - 11/9/11 15:48 - T:\ESEE MAJOR PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

BORING GWC-35
PAGE 1 OF 1

SOUTHERN COMPANY

LOG OF TEST BORING

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Plant Wansley
LOCATION Carrollton, Georgia

DATE STARTED 2/7/2011 COMPLETED 2/7/2011 SURF. ELEV. Not Surveyed COORDINATES:
CONTRACTOR Boart Longyear EQUIPMENT METHOD Rotosonic
DRILLED BY LOGGED BY G. Dyer/ D. Brooks CHECKED BY ANGLE BEARING
BORING DEPTH 38 ft. GROUND WATER DEPTH: DURING COMP. DELAYED
NOTES Well installed. Refer to well data sheet.

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	HCL REACTION (Weak / Moderate / Strong)	COMMENTS
		Clayey Sand (SC) - black (10YR 2/1) moist, very fine to fine grained		
5		**Clayey Sand (SC)** - light red / moderate reddish orange (10R 6/6) wet, medium plasticity, very fine grained sand		
10		**Silty Sand (SM)** - pale brown (10YR 6/3) saprolite some relic structures 10'-12' - SM: brown (7.5YR 4/3) saprolite 12'-15'		
15		- SM: brown (7.5YR 4/3) SAA except micaceous		
20		**Poorly-graded Gravel with Clay (GP-GC)** - dusky red / dark reddish brown (10R 3/4) fine grained sand with quartz gravel		
25		**(PWR)** - brown (7.5YR 4/3) saprolite SAND, silty and micaceous		
		Clayey Sand (SC) - brown (7.5YR 4/3) micaceous with large quartz pebbles		
30		**(PWR)** - dark gray (10YR 4/1) saprolite wet, SAND, silty, clayey with highly weathered GNEISS		
35		**GNEISS**		
40		Bottom of borehole at 38.0 feet.		

SIMPLE GEOLOGY LOG - ESEE DATABASE.GDT - 11/9/11 15:55 - T:\ESEE MAJOR PROJECTS\PROJECTS\WANSLEY\WANSLEY 2011\PLANT WANSLEY WELL LOGS.GPJ

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-106
Page: 1 of 5

Drilling Start Date:	**12/19/2021**	Boring Depth (in):	**93**
Drilling End Date:	**12/19/2021**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**771.49**
Logged By:	**D. Kegley**	Location (N,E):	**1238423.69, 2026475.03**

DEPTH (FT)	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
0	SS	5 8 9 7	1	17	(0') GRAVEL (GP); fine to coarse grained, dike material. (0.5') SANDY CLAY (CL); reddish-brown, stiff, low plasticity, some gravel, dike material.	770
	SS	5 7 10 14	1.8	17	(2') Same as above.	
5	SS	7 11 12 12	1.4	23	(4') SILTY SAND (SM); reddish-brown, poorly graded, some gravel, dike material.	
	SS	15 12 16 21	1.5	28	(6') Same as above. (7') SANDY CLAY (CL); reddish-brown, stiff, some gravel, dike material.	765
	SS	8 14 10 12	1.5	24	(8') Same as above.	
10	SS	5 6 8 11	1.5	14	(10') Same as above.	760
	SS	5 5 12 15	1.7	17	(12') Same as above.	
15	SS	6 7 9 11	1.5	16	(14') Same as above.	
	SS	7 10 12 14	1.7	22	(16') Same as above.	755
20	SS	8 8 8 10	1	16	(18') Same as above.	

NOTES: SPT sampler driven from 26-26.6 hit refusal (blows = 19, 50/1.5; no recovery) before switching to core barrel. Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-106
Page: 2 of 5

Drilling Start Date:	**12/19/2021**	Boring Depth (in):	**93**
Drilling End Date:	**12/19/2021**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**771.49**
Logged By:	**D. Kegley**	Location (N,E):	**1238423.69, 2026475.03**

DEPTH (FT)	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
20	SS	4 7 9 12	1.5	16	(7') SANDY CLAY (CL); reddish-brown, stiff, some gravel, dike material. *(continued)* (20') Slightly lighter in color.	750
	SS	10 7 7 12	1.5	14	(22') With more gravel.	
	SS	14 50/6	0.5	>50	(24') Same as above. (24.5') Schist rock fragments.	
25					(25') No recovery.	
	CB		0.8	0	(26') SCHIST/GNEISS micaceous, trace banding, fracture at 26.1' and mechanical breaks at 26'7 and 26'11.	745
	CB		0.2	0	(27.2') GNEISS/SCHIST; less micaceous, increased banding, only 2 inch recovery - broke through to soft material.	
30						740
	SS	3 4 6 10	1.4	10	(32') SANDY CLAY (CL); reddish-brown, medium stiff, medium plasticity, trace gravel (Dike material).	
35						735
	SS	1 1 1 1	1.5	2	(38') SANDY CLAY (CL); reddish-brown, moist, very soft, high plasticity, trace gravel.	
40						

NOTES: SPT sampler driven from 26-26.6 hit refusal (blows = 19, 50/1.5; no recovery) before switching to core barrel. Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-106
Page: 3 of 5

Drilling Start Date:	**12/19/2021**	Boring Depth (in):	**93**
Drilling End Date:	**12/19/2021**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**771.49**
Logged By:	**D. Kegley**	Location (N,E):	**1238423.69, 2026475.03**

DEPTH (FT)	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
40						730
	SS	1 1 1 3	2	2	(43') RESIDUAL SOIL/SAPROLITE; moist, very soft, high plasticity, relict rock structure, texture of sandy clay (SC).	
45						725
	SS	5 4 2 1	2	6	(48') RESIDUAL SOIL/SAPROLITE; moist, soft, high plasticity, trace rock fragments (schist), relict rock structure, texture of sandy clay (CL).	
50						720
	SS	10 14 26 24	1.5	40	(53') RESIDUAL SOIL/SAPROLITE; micaceous with increased rock fragments (schist), increased relict rock structure.	
55						715
	SS	7 12 50/5	1.1	>50	(58') RESIDUAL SOIL/SAPROLITE; micaceous with increased rock fragments (schist), increased relict rock structure.	
60						

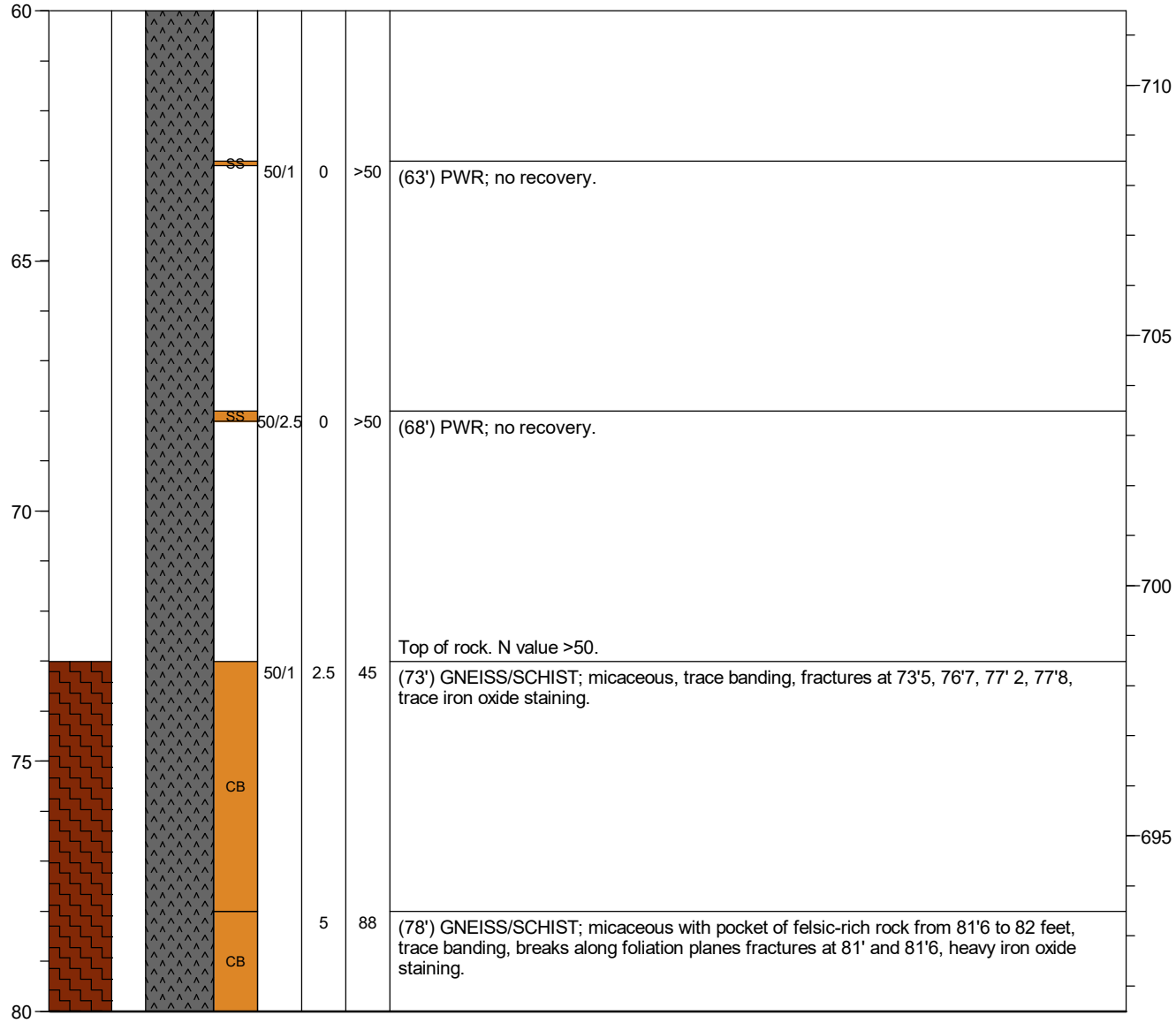
NOTES: SPT sampler driven from 26-26.6 hit refusal (blows = 19, 50/1.5; no recovery) before switching to core barrel. Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-106
Page: 4 of 5

Drilling Start Date:	**12/19/2021**	Boring Depth (in):	**93**
Drilling End Date:	**12/19/2021**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**771.49**
Logged By:	**D. Kegley**	Location (N,E):	**1238423.69, 2026475.03**



NOTES: SPT sampler driven from 26-26.6 hit refusal (blows = 19, 50/1.5; no recovery) before switching to core barrel. Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-106
Page: 5 of 5

Drilling Start Date:	**12/19/2021**	Boring Depth (in):	**93**
Drilling End Date:	**12/19/2021**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**771.49**
Logged By:	**D. Kegley**	Location (N,E):	**1238423.69, 2026475.03**

DEPTH (FT)	Sample Type	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
80	CB			(78') GNEISS/SCHIST; micaceous with pocket of felsic-rich rock from 81'6 to 82 feet, trace banding, breaks along foliation planes fractures at 81' and 81'6, heavy iron oxide staining. *(continued)*	690
	CB	1.5	93	(83') GNEISS/SCHIST; micaceous, trace banding, fractures at 83'7 and 84'5, minor iron oxide staining.	
85	CB	3.1	88	(84.5') GNEISS/SCHIST; micaceous, trace banding, fractures at 86'3 and 86'11 with wear around fracture surfaces, minor iron oxide staining.	685
90	CB	5	97	(88') GNEISS/SCHIST; micaceous, trace banding, fractures at 89'6 and 92' with wear around fracture surfaces, trace banding.	680
				(93') Boring terminated.	

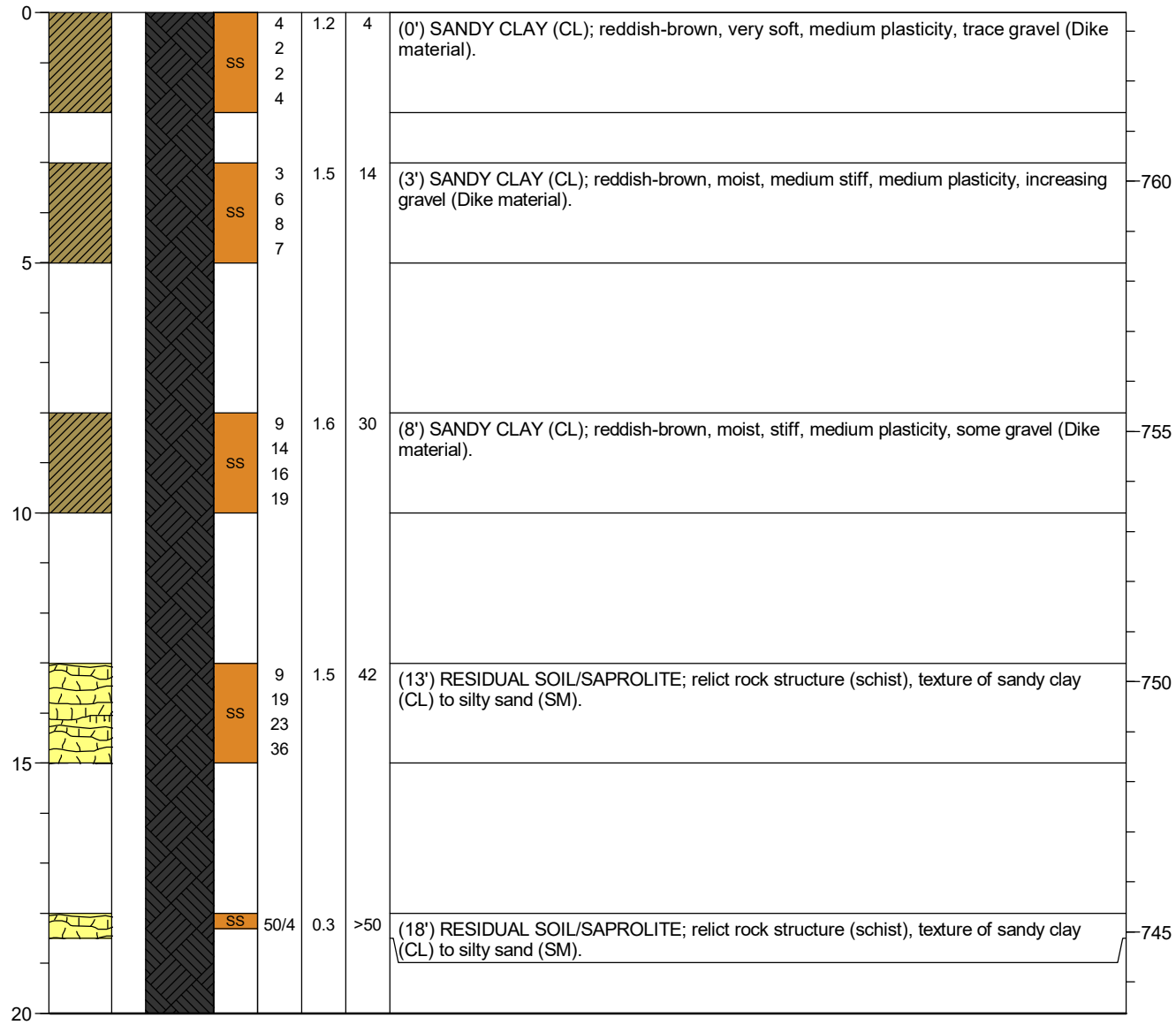
NOTES: SPT sampler driven from 26-26.6 hit refusal (blows = 19, 50/1.5; no recovery) before switching to core barrel. Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-107
Page: 1 of 5

Drilling Start Date:	**02/10/2022**	Boring Depth (in):	**87**
Drilling End Date:	**02/10/2022**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**763.37**
Logged By:	**D. Kegley**	Location (N,E):	**1238066.27, 2026599.33**



NOTES: Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-107
Page: 2 of 5

Drilling Start Date:	**02/10/2022**	Boring Depth (in):	**87**
Drilling End Date:	**02/10/2022**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**763.37**
Logged By:	**D. Kegley**	Location (N,E):	**1238066.27, 2026599.33**

DEPTH (FT)	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
20						
	SS	21 46 50/5	1.5	>50	(23') PARTIALLY WEATHERED ROCK (PWR); micaceous with some rock fragments, texture of silty sand (SM) to sandy clay (CL).	740
25						
	SS	11 6 20 50/6	1.2	26	(28') PWR (SCHIST); micaceous with some rock fragments, texture of silty sand (SM) to sandy clay (CL).	735
30						
	SS	50/4	0.3	>50	(33') PWR (SCHIST); micaceous with increased rock fragments, texture of silty sand (SM) to sandy clay (CL).	730
35						
	SS	50/5.5	0.4	>50	(38.5') PWR (SCHIST); micaceous with increased rock fragments, texture of silty sand (SM) to sandy clay (CL).	725
40						

NOTES: Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-107
Page: 3 of 5

Drilling Start Date:	**02/10/2022**	Boring Depth (in):	**87**
Drilling End Date:	**02/10/2022**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**763.37**
Logged By:	**D. Kegley**	Location (N,E):	**1238066.27, 2026599.33**

DEPTH (FT)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
40									
				SS	50/4	0.25	>50	(43') PWR (SCHIST); micaceous with increased rock fragments, texture of silty sand (SM) to sandy clay (CL).	720
45									
				SS	31 50/4.5	0.8	>50	(48') PWR (SCHIST); micaceous with increased rock fragments, texture of silty sand (SM) to sandy clay (CL).	715
50									
									710
55									
									705
60									

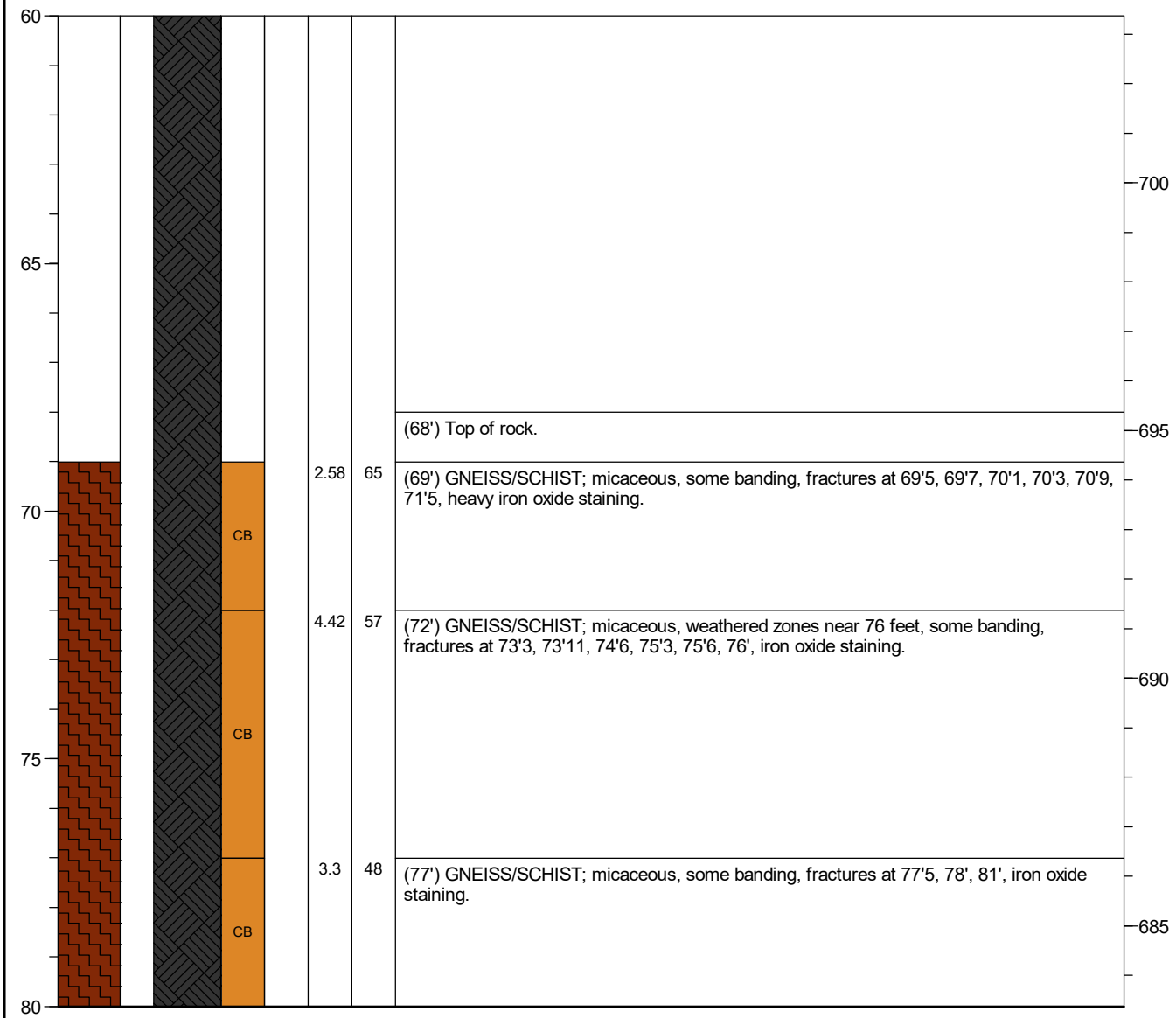
NOTES: Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-107
Page: 4 of 5

Drilling Start Date:	**02/10/2022**	Boring Depth (in):	**87**
Drilling End Date:	**02/10/2022**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**763.37**
Logged By:	**D. Kegley**	Location (N,E):	**1238066.27, 2026599.33**



NOTES: Boring backfilled to ground surface with cement/bentonite grout.

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Client: Southern Company Services
Project: Plant Wansley Landfill Expansion Investig.
Address: 1371 Liberty Church Rd, Carrollton, GA

BORING LOG
Boring No. GS-107
Page: 5 of 5

Drilling Start Date:	**02/10/2022**	Boring Depth (in):	**87**
Drilling End Date:	**02/10/2022**	Boring Diameter (in):	**3.8**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Core Barrel**
Drilling Method:	**Mud Rotary**	DTW During Drilling (ft):	**NA**
Drilling Equipment:	**Dietrich D-50**	DTW After Drilling (ft):	**NA**
Driller:	**P. Pitts**	Ground Surface Elev. (ft NAVD 88):	**763.37**
Logged By:	**D. Kegley**	Location (N,E):	**1238066.27, 2026599.33**

DEPTH (FT)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	Sample Type	Blow Counts	Recovery (ft)	N Value RQD (%)	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD 88)
80				CB		5	92	(77') GNEISS/SCHIST; micaceous, some banding, fractures at 77'5, 78', 81', iron oxide staining. *(continued)*	
								(82') GNEISS/SCHIST; micaceous, some banding, fractures at 84', 86', iron oxide staining.	680
85				CB					

(87') Boring terminated.

NOTES: Boring backfilled to ground surface with cement/bentonite grout.



Roswell, GA
11545 Wills Road
Suite 100
Alpharetta, GA 30009
Phone: 770.594.5998

Savannah, GA
7414 Hodgson Memorial
Drive, Suite 2B
Savannah, GA 31406
Phone: 912.236.3471

Knoxville, TN
8848 Cedar Springs
Lane, Suite 202
Knoxville, TN 37923
Phone: 865.531.9143