



Plant Wansley CCR Landfill

PERMIT #: 074-005D(LI)

Heard County

2021 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT



PROFESSIONAL CERTIFICATION

This *2021 Annual 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] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 and 391-3-4-.14 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc. (ACC).

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SUMMARY

This summary of the 2021 Annual Groundwater Monitoring and Corrective Action Report provides the groundwater monitoring and corrective action program status from January through December 2021 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 6¹ 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.

The groundwater monitoring system is comprised of a comprehensive network of wells installed to meet federal and state monitoring requirements. Routine sampling and reporting began after background groundwater conditions were established between August 2011 and July 2013 in accordance with the Solid Waste Permit requirements specified in the Design and Operation (D&O) Plan. The monitoring program has been modified to include Appendix III parameters² to meet the requirements of 40 CFR § 257.90 through § 257.95. Background



Plant Wansley and Plant Wansley Landfill

groundwater conditions for Appendix III and IV parameters³ were established between May 2016 and August 2017. Alternate Source Demonstrations (ASDs) completed in 2017-2020 have presented evidence demonstrating that statistically significant increases (SSIs) in groundwater are not due to a release from the unit. During the 2021 annual reporting period, the Site remained in detection monitoring.

During the 2021 reporting period, ACC conducted groundwater sampling events in March and August. Groundwater samples were submitted to Eurofins TestAmerica, Inc. for analysis. Per the CCR Rule, the groundwater results were evaluated in accordance with the certified statistical methods.

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

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

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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 *2021 Annual 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).

Groundwater monitoring is currently performed in accordance with the Solid Waste Permit requirements specified in the Design and Operation (D&O) Plan (Georgia Power, 2010). A 2017 minor modification to the permit approved the addition of Appendix III and IV parameters contained in 40 CFR § 257 Subpart D to the groundwater monitoring plan in the permit. An application for a new Georgia CCR permit was submitted to Georgia EPD in November 2018 for the facility to replace the existing Solid Waste Permit.

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

This document serves as the *2021 Annual Groundwater Monitoring and Corrective Action Report* in accordance with 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). 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 6-inch compacted clay layer [maximum permeability 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.

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. 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, alternation, 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. 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 Network Well Summary). Wells were located to serve as upgradient and downgradient monitoring points, based on groundwater flow direction (Figures 3A and 3B, Potentiometric Contour Map – March and August 2021, respectively).

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 March and August 2021 from each well in the certified monitoring system shown on Figure 2.

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., 2020. 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 March and August 2021, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in Appendix A, Laboratory Analytical and Field Sampling Reports. This documentation will serve as the required five year well inspection and was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved Georgia EPD Solid Waste Permit and the Site's D&O Plan. The semiannual sampling events were conducted in March 2021 and August 2021. A summary of groundwater sampling events completed during the reporting period is provided in Table 2, Groundwater Sampling 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 Rules for Solid Waste Management 391-3-4-.14 and the approved Georgia EPD Solid Waste Permit [No. 074-005D(LI)]. The state-modified Appendix I analyte list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc.
- Appendix III constituents according to 40 CFR § 257.94(a).

The analytes required by Appendix I and Appendix III are summarized in Table 3, Summary of 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, SWA-6, SWC-3, SWC-5, SWC-7, SWC-8, and SWC-9 during the March 2021 event and SWA-1, SWA-6, SWC-3, SWC-5, and SWC-7 during the August 2021 event. Locations SWC-2 and SWC-4 were dry at the time of sampling in March 2021, and locations SWC-2, SWC-4, SWC-8, and SWC-9 were dry at the time of sampling in August 2021.

Due to reduced plant operation, flue gas desulfurization (FGD) equipment Units 1 and 2 were not in operation at the time of sampling during the March 2021 event; therefore, no effluent samples were collected. During the August 2021 event, FGD equipment Unit 1 was in operation at the time of sampling; therefore, a sample was collected from this location. FGD equipment Unit 2 was not operating; therefore, no sample was collected from this location. Field parameter logs and laboratory analytical reports for surface water and effluent samples collected during the March and August 2021 monitoring events are included 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 semiannual 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 events are summarized in Tables 4A and 4B, Summary of Groundwater Elevations – March and August 2021, respectively. Groundwater elevation data were used to develop Figures 3A and 3B. As shown on the figures,

groundwater flows semi-radially from topographic highs near GWA-2 and GWA-28. Across the entire Site, groundwater generally flows to the east. The groundwater flow patterns observed during the monitoring events are consistent with historical patterns.

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

Equation

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

Groundwater flow velocities were calculated for the Site based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.10 (SCS, 2007). The groundwater flow velocity has been calculated and is tabulated on Tables 5A and 5B, Horizontal Groundwater Flow Velocity Calculations – March and August 2021, respectively. The calculated flow velocity was approximately 0.48 feet per day during the March 2021 event and 0.49 feet per day during the August 2021 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 or non-dedicated QED bladder pump. Pump intakes were located at the midpoint of the well screen (or as appropriate 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) Operating Procedure for 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
- $\pm 5\%$ for specific conductance
- $\pm 10\%$ 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 TestAmerica, Inc. (Eurofins) of Pittsburgh, Pennsylvania 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 from the March and August 2021 detection events are summarized in Tables 6A and 6B, Summary of Groundwater Analytical Data – March and August 2021, respectively. Surface water analytical results are presented in Tables 7A and 7B, Summary of Surface Water Analytical Data – March and August 2021, respectively. Effluent sample analytical results are presented on Table 8, Summary of Effluent Analytical Data – August 2021. 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 detection samples. Equipment blanks (where non-dedicated sampling equipment is used) and duplicate samples were collected during each sampling event. 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 digestions 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). A data validation summary is included in Appendix A.

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

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).

A permit minor modification was submitted to Georgia EPD following submittal of the *2019 First Semiannual Groundwater Monitoring Report* to allow for intrawell methods to be used for Appendix I analytes. The statistical methodology was revised to an intrawell method following the June 2019 monitoring event.

On February 26, 2021, Georgia Power submitted a minor modification to implement a two-step statistical approach for the detection monitoring program to address initial statistically

significant increases (SSIs) over background for constituents currently using intrawell statistical approach. In a letter dated November 3, 2021, Georgia EPD approved this approach. The two-step analysis is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine “background” [US EPA Unified Guidance (2009), Chapter 7, Section 7.5].

Statistical analysis of March and August 2021 groundwater monitoring data was performed by GSC following the appropriate certified statistical methodology for the Site and in accordance with minor modifications submitted to Georgia EPD in 2019 and 2021. A summary of the statistical methodology used at the Site for routine groundwater monitoring is provided in Table 9, Statistical Method Summary. Statistical analysis methods and results are provided in Appendix B, Statistical Analysis Report. The methods and results are summarized in the following sections.

4.1 Appendix I and III Constituents 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 pool upgradient well data to establish a background limit for an individual constituent, and the most recent sample from each downgradient well is compared to the same limit for each parameter. Intrawell prediction limits are constructed from historical data within a given well, and the most recent sample is compared to background.

Statistical tests used to evaluate Appendix I groundwater monitoring data consist of intrawell prediction limits combined with a 1-of-3 verification resample plan for the permit-required Appendix I parameters, except for cobalt and nickel at GWC-14. The occurrence of cobalt and nickel at GWC-14 was previously addressed in an ASD (SCS, 2017); results for these parameters are evaluated by trend tests.

Statistical tests used to evaluate Appendix III groundwater monitoring data consist of interwell prediction limits (PL) 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 prediction limits combined with a 1-of-3 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 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 the 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. In 1-of-3 resampling, two independent resamples 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 Analyses Results for Appendix I Parameters

Analytical data from the monitoring events in March and August 2021 were statistically analyzed in accordance with the statistical methods. The statistical analysis and comparison to prediction limits are included in Appendix B.

Verified SSIs observed during the March and August 2021 monitoring events have been addressed by ASDs summarized in Section 5.0.

4.2.1 March 2021 Detection Monitoring Event

Based on the statistical results presented in Appendix B, the following parameter exhibited initial exceedances of the intrawell statistical analysis and additional evaluation by interwell statistical analysis in the March 2021 monitoring event:

- Barium: GWC-14

The only verified SSI reported during the monitoring event was for barium at GWC-14. This SSI was previously addressed in an ASD (ACC, 2020a).

4.2.2 August 2021 Detection Monitoring Event

Based on the statistical results presented in Appendix B, evaluation of parameters exhibiting initial exceedances of the intrawell statistical analysis and additional evaluation by interwell statistical analysis did not constitute any SSIs in the August 2021 monitoring event.

4.3 Statistical Analyses Results for Appendix III Parameters

Analytical data from the monitoring events in March and August 2021 were statistically analyzed in accordance with the statistical methods. The statistical analysis and comparison to prediction limits are included in Appendix B.

Verified SSIs observed during the monitoring event have been addressed by ASDs summarized in Section 5.0.

4.3.1 March 2021 Detection Monitoring Event

Based on the statistical results presented in Appendix B, the following summarizes parameters exhibiting verified PL exceedances in the March 2021 monitoring event:

- Boron: GWC-14
- Chloride: GWC-14

The SSIs are consistent with the conditions outlined by an ASD completed in April 2018 (ACC, 2018). The conditions are still present; therefore, the previous ASD remains relevant.

4.3.2 August 2021 Detection Monitoring Event

Based on the statistical results presented in Appendix B, the following summarizes parameters exhibiting verified PL exceedances in the August 2021 monitoring event:

- Boron: GWC-9 and GWC-14
- Chloride: GWC-14

The SSIs are consistent with the conditions outlined by an ASD completed in April 2018 (ACC, 2018). The conditions are still present; therefore, the previous ASD remains relevant.

5.0 ALTERNATE SOURCE DEMONSTRATION

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 during this reporting period are addressed by previous ASDs listed below.

Reference	SSI(s)	Well(s)	Status
Atlantic Coast Consulting, Inc. (ACC), Alternate Source Demonstration –Plant Wansley CCR Landfill, April 2018.	boron	GWC-9, GWC-14	Pending EPD concurrence
	chloride	GWC-14	
Atlantic Coast Consulting, Inc. (ACC), Alternate Source Demonstration –Plant Wansley CCR Landfill, April 2020.	barium	GWC-14	Pending EPD concurrence

6.0 MONITORING PROGRAM STATUS

The Site groundwater monitoring network remains in detection monitoring pursuant to the Federal CCR Rule § 257.94 and Georgia’s Solid Waste Management Rule 391-3-4-.14(21). Verified SSIs for Appendix I and Appendix III parameters were addressed by previous ASDs.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This *2021 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley CCR Landfill* was prepared to fulfill the requirements of both applicable federal and state CCR Rules and Georgia EPD Solid Waste Management Rules (40 CFR § 257.90(e), 391-3-4-.10, and 391-3-4-.14). Statistical evaluations of the groundwater monitoring data for the Site identified SSIs of Appendix I parameters required by the existing Georgia EPD permit and Appendix III groundwater monitoring parameters. Verified SSIs have been addressed by ASDs and the Site remains in detection monitoring.

The next semiannual monitoring event is tentatively scheduled for February 2022.

8.0 REFERENCES

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

TABLES

Table 1
Monitoring Network Well Summary
Plant Wansley CCR Landfill
Heard County

Well	Installation Date (mm/dd/yyyy)	Northing	Easting	Ground Surface Elevation (NAVD88)	Top of Casing Elevation (NAVD88)	Bottom Depth (ft BTOC)	Bottom Elevation (NAVD88)	Depth to Top of Screen (ft BTOC)	Top of Screen Elevation (NAVD88)	Purpose
GWA-1	03/03/2011	1236940.49	2027869.31	774.93	778.02	49.79	728.23	39.49	738.53	Upgradient
GWA-2	03/03/2011	1237147.60	2027481.39	813.07	816.16	60.09	756.07	49.79	766.37	Upgradient
GWA-3	03/03/2011	1237240.36	2027158.40	787.27	790.64	31.37	759.27	21.07	769.57	Upgradient
GWA-4	02/11/2011	1237254.83	2026747.92	776.51	779.54	40.53	739.01	30.23	749.31	Upgradient
GWC-5	02/10/2011	1237692.42	2026716.41	753.08	755.91	40.83	715.08	30.53	725.38	Downgradient
GWC-6	02/10/2011	1237924.67	2027012.89	746.86	749.98	31.12	718.86	20.82	729.16	Downgradient
GWC-7	02/10/2011	1238261.86	2027268.99	728.13	731.15	26.02	705.13	15.72	715.43	Downgradient
GWC-8	02/22/2011	1238501.55	2027640.45	720.35	723.46	20.11	703.35	9.81	713.65	Downgradient
GWC-9	02/23/2011	1238673.12	2027891.35	709.71	712.65	19.44	693.21	9.14	703.51	Downgradient
GWC-10	07/12/2011	1238950.81	2028309.04	705.84	709.41	21.97	687.44	11.67	697.74	Downgradient
GWC-11	02/23/2011	1238930.02	2028592.08	697.89	701.05	18.16	682.89	7.86	693.19	Downgradient
GWC-12	02/24/2011	1238738.52	2028921.56	721.02	724.06	40.54	683.52	30.24	693.82	Downgradient
GWC-13	02/28/2011	1238622.44	2029289.86	691.12	694.08	90.46	603.62	80.16	613.92	Downgradient
GWC-14	06/28/2011	1238428.07	2029551.52	688.59	692.63	24.34	668.29	14.04	678.59	Downgradient
GWC-15	02/28/2011	1238163.93	2029814.36	684.38	687.44	51.06	636.38	40.76	646.68	Downgradient
GWC-16	06/28/2011	1237809.03	2029989.71	687.13	690.32	26.89	663.43	16.59	673.73	Downgradient
GWC-17	06/28/2011	1237469.64	2029801.29	701.65	704.55	53.20	651.35	42.90	661.65	Downgradient
GWC-18	03/01/2011	1237097.77	2029691.53	697.42	700.31	30.39	669.92	20.09	680.22	Downgradient
GWC-19	07/13/2011	1236841.16	2029323.11	694.54	698.47	38.43	660.04	28.13	670.34	Downgradient
GWC-20	03/01/2011	1236645.57	2029149.57	703.33	706.29	70.96	635.33	60.66	645.63	Downgradient
GWC-21	07/12/2011	1236230.06	2028634.08	717.32	721.02	38.30	682.72	28.00	693.02	Downgradient
GWC-22	03/02/2011	1236396.22	2028325.64	741.04	744.17	77.13	667.04	66.83	677.34	Downgradient
GWC-23	03/02/2011	1236657.67	2028089.81	770.46	773.41	67.95	705.46	57.65	715.76	Downgradient
GWC-24	02/15/2011	1237355.54	2026407.92	787.48	790.37	51.09	739.28	40.79	749.58	Downgradient
GWC-25	02/15/2011	1237404.61	2026089.46	809.37	812.36	61.29	751.07	50.99	761.37	Downgradient
GWC-26	02/16/2011	1237625.00	2025790.42	782.56	785.60	59.54	726.06	49.24	736.36	Downgradient
GWC-27	02/16/2011	1237829.15	2025522.92	811.38	814.32	70.94	743.38	60.64	753.68	Downgradient
GWA-28	02/22/2011	1237995.74	2025182.65	846.33	849.16	45.83	803.33	35.53	813.63	Upgradient
GWA-29	06/27/2011	1238288.93	2024984.27	831.70	834.67	57.07	777.60	46.77	787.90	Upgradient
GWC-30	02/17/2011	1238565.49	2025118.88	788.46	791.10	49.64	741.46	39.34	751.76	Downgradient
GWC-31	06/21/2011	1238701.92	2025618.17	793.57	797.50	38.03	759.47	27.53	769.97	Downgradient
GWC-32	02/18/2011	1238774.04	2025876.12	782.17	785.38	31.21	754.17	20.91	764.47	Downgradient
GWC-33	02/18/2011	1238818.01	2026322.50	757.02	760.05	24.03	736.02	13.73	746.32	Downgradient
GWC-34	02/21/2011	1238558.69	2026569.25	732.49	735.40	50.91	684.49	40.41	694.99	Downgradient
GWC-35	02/08/2011	1238243.50	2026822.29	728.11	730.64	40.53	690.11	30.23	700.41	Downgradient

Notes:

1. ft BTOC indicates feet below top of casing.
2. Northings and Eastings are feet relative to North American Datum 1983 (NAD83), State Plane Georgia West Zone
3. NAVD88 indicates feet relative to North American Vertical Datum of 1988.

Table 2
Groundwater Sampling Event Summary
Plant Wansley CCR Landfill
Heard County

Well	Hydraulic Location	Mar. 15-18, 2021	Aug. 16-28, 2021	Status of Monitoring Well
		Semiannual Detection Event	Semiannual Detection Event	
	Purpose of Sampling Event:			
GWA-1	Upgradient	X	X	Detection
GWA-2	Upgradient	X	X	Detection
GWA-3	Upgradient	X	X	Detection
GWA-4	Upgradient	X	X	Detection
GWC-5	Downgradient	X	X	Detection
GWC-6	Downgradient	X	X	Detection
GWC-7	Downgradient	X	X	Detection
GWC-8	Downgradient	X	X	Detection
GWC-9	Downgradient	X	X	Detection
GWC-10	Downgradient	X	X	Detection
GWC-11	Downgradient	X	X	Detection
GWC-12	Downgradient	X	X	Detection
GWC-13	Downgradient	X	X	Detection
GWC-14	Downgradient	X	X	Detection
GWC-15	Downgradient	X	X	Detection
GWC-16	Downgradient	X	X	Detection
GWC-17	Downgradient	X	X	Detection
GWC-18	Downgradient	X	X	Detection
GWC-19	Downgradient	X	X	Detection
GWC-20	Downgradient	X	X	Detection
GWC-21	Downgradient	X	X	Detection
GWC-22	Downgradient	X	X	Detection
GWC-23	Downgradient	X	X	Detection
GWC-24	Downgradient	X	X	Detection
GWC-25	Downgradient	X	X	Detection
GWC-26	Downgradient	X	X	Detection
GWC-27	Downgradient	X	X	Detection
GWA-28	Upgradient	X	X	Detection
GWA-29	Upgradient	X	X	Detection
GWC-30	Downgradient	X	X	Detection
GWC-31	Downgradient	X	X	Detection
GWC-32	Downgradient	X	X	Detection
GWC-33	Downgradient	X	X	Detection
GWC-34	Downgradient	X	X	Detection
GWC-35	Downgradient	X	X	Detection

Notes:

1. X indicates sample was collected.
2. Semiannual Detection Event includes Appendix III and Appendix I Parameters.

Table 3
Summary of Groundwater Monitoring Parameters
Plant Wansley CCR Landfill
Heard County

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 4A
Summary of Groundwater Elevations
March 2021
Plant Wansley CCR Landfill
Heard County

Well ID	Top of Casing Elevation (NAVD88)	Depth-to-Water (ft BTOC)	Groundwater Elevation (NAVD88)
GWA-1	778.02	18.40	759.62
GWA-2	816.16	42.70	773.46
GWA-3	790.64	22.33	768.31
GWA-4	779.54	20.07	759.47
GWC-5	755.91	14.82	741.09
GWC-6	749.98	17.05	732.93
GWC-7	731.15	8.09	723.06
GWC-8	723.46	8.83	714.63
GWC-9	712.65	7.22	705.43
GWC-10	709.41	11.69	697.72
GWC-11	701.05	6.26	694.79
GWC-12	724.06	27.03	697.03
GWC-13	694.08	5.95	688.13
GWC-14	692.63	9.60	683.03
GWC-15	687.44	6.25	681.19
GWC-16	690.32	10.06	680.26
GWC-17	704.55	19.65	684.90
GWC-18	700.31	13.09	687.22
GWC-19	698.47	7.11	691.36
GWC-20	706.29	4.83	701.46
GWC-21	721.02	12.71	708.31
GWC-22	744.17	21.95	722.22
GWC-23	773.41	34.64	738.77
GWC-24	790.37	38.80	751.57
GWC-25	812.36	50.13	762.23
GWC-26	785.60	27.40	758.20
GWC-27	814.32	41.70	772.62
GWA-28	849.16	24.58	824.58
GWA-29	834.67	42.27	792.40
GWC-30	791.10	25.00	766.10
GWC-31	797.50	30.30	767.20
GWC-32	785.38	25.01	760.37
GWC-33	760.05	13.44	746.61
GWC-34	735.40	4.21	731.19
GWC-35	730.64	7.95	722.69

Notes:

1. ft BTOC indicates feet below top of casing.
2. ft NAVD88 indicates feet North American Vertical Datum of 1988.
3. Depths to water measured March 8, 2021.

Table 4B
Summary of Groundwater Elevations
August 2021
Plant Wansley CCR Landfill
Heard County

Well ID	Top of Casing Elevation (NAVD88)	Depth-to-Water (ft BTOC)	Groundwater Elevation (NAVD88)
GWA-1	778.02	21.58	756.44
GWA-2	816.16	43.35	772.81
GWA-3	790.64	23.40	767.24
GWA-4	779.54	22.43	757.11
GWC-5	755.91	18.11	737.80
GWC-6	749.98	18.52	731.46
GWC-7	731.15	8.15	723.00
GWC-8	723.46	9.50	713.96
GWC-9	712.65	8.04	704.61
GWC-10	709.41	12.08	697.33
GWC-11	701.05	7.17	693.88
GWC-12	724.06	27.17	696.89
GWC-13	694.08	6.63	687.45
GWC-14	692.63	10.15	682.48
GWC-15	687.44	7.15	680.29
GWC-16	690.32	11.56	678.76
GWC-17	704.55	21.23	683.32
GWC-18	700.31	15.31	685.00
GWC-19	698.47	9.73	688.74
GWC-20	706.29	6.44	699.85
GWC-21	721.02	15.96	705.06
GWC-22	744.17	24.03	720.14
GWC-23	773.41	35.66	737.75
GWC-24	790.37	41.00	749.37
GWC-25	812.36	50.11	762.25
GWC-26	785.60	28.72	756.88
GWC-27	814.32	43.79	770.53
GWA-28	849.16	25.11	824.05
GWA-29	834.67	44.58	790.09
GWC-30	791.10	27.00	764.10
GWC-31	797.50	30.58	766.92
GWC-32	785.38	25.40	759.98
GWC-33	760.05	13.60	746.45
GWC-34	735.40	4.82	730.58
GWC-35	730.64	5.82	724.82

Notes:

1. ft BTOC indicates feet below top of casing.
2. ft NAVD88 indicates feet North American Vertical Datum of 1988.
3. Depths to water measured August 16, 2021.

Table 5A
Horizontal Groundwater Flow Velocity Calculations
March 2021
Plant Wansley CCR Landfill
Heard County

Equation

$$v = \frac{K(i)}{P_e} \quad \text{where: } v = \text{ground water velocity}$$

K = hydraulic conductivity
i = hydraulic gradient
P_e = effective porosity

Values Used in Calculation

	Value		Source
K =	4.1E-04 1.16	cm/sec ft/day	See note 1.
i ₁ =	18.38/439 0.042	ft/ft unitless	from GWA-4 to GWC-5
i ₂ =	68.26/1458 0.047	ft/ft unitless	from GWA-1 to GWC-19
i ₃ =	93.20/2594 0.036	ft/ft unitless	from GWA-2 to GWC-16
i =	0.042	unitless	Average (i ₁ , i ₂ , i ₃)
P _e =	0.10	unitless	See note 1.

Calculation

$$v = \frac{(1.16)(0.042)}{0.10} \quad v = 0.48 \text{ ft/day}$$

Notes

- (1) Plant Wansley Proposed Combustion By-Product Disposal Facility -
Site Acceptability Report

Table 5B
Horizontal Groundwater Flow Velocity Calculations
August 2021
Plant Wansley CCR Landfill
Heard County

Equation

$$v = \frac{K (i)}{P_e} \quad \text{where: } v = \text{groundwater velocity}$$

K = hydraulic conductivity
i = hydraulic gradient
P_e = effective porosity

Values Used in Calculation

	Value		Source
K =	4.1E-04 1.16	cm/sec ft/day	See note 1.
i ₁ =	18.38/439 0.044	ft/ft unitless	from GWA-4 to GWC-5
i ₂ =	68.26/1458 0.046	ft/ft unitless	from GWA-1 to GWC-19
i ₃ =	93.20/2594 0.036	ft/ft unitless	from GWA-2 to GWC-16
i =	0.042	unitless	Average (i ₁ , i ₂ , i ₃)
P _e =	0.10	unitless	See note 1.

Calculation

$$v = \frac{(1.16)(0.042)}{0.10} \quad v = 0.49 \text{ ft/day}$$

Notes

- (1) Plant Wansley Proposed Combustion By-Product Disposal Facility -
Site Acceptability Report

Table 6A
Summary of Groundwater Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWA-1	GWA-2	GWA-3	GWA-4	GWC-5	GWC-6	GWC-7	GWC-8
		3/15/2021	3/15/2021	3/15/2021	3/15/2021	3/17/2021	3/17/2021	3/16/2021	3/16/2021
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	Calcium	0.82	3.2	16	21	34	15	47	28
	Chloride	2.2	4.0	49	6.7	9.7	7.8	13	3.7
	Fluoride	0.036 J	<0.026	0.027 J	0.046 J	0.094 J	0.073 J	0.21	0.044 J
	pH	5.55	5.44	5.28	6.00	6.62	6.10	6.50	5.99
	Sulfate	<0.76	1.5	36	7.7	26	12	45	17
	TDS	<10	39	170	120	180	110	390	170
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.010	0.011	0.10	0.13	0.021	0.059	0.066	0.037
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<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 J	<0.0015	<0.0015	0.0027
	Cobalt	0.00022 J	0.00021 J	0.0015 J	0.0073	0.0042	0.015	0.00057 J	0.0052
	Copper	<0.00063	0.0010 J	0.0031	<0.00063	<0.00063	<0.00063	<0.00063	0.0010 J
	Lead	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.00059 J	0.00076 J	0.0022	0.0027	0.0035	0.0060	0.0067	0.0026
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099	<0.00099	0.0025	<0.00099	0.0025	0.0014
Zinc	<0.0032	<0.0032	0.015	0.044	<0.0032	<0.0032	<0.0032	0.0045 J	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory 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 = indicator parameters evaluated during Detection Monitoring
6. Parameters required by permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements

Table 6A
Summary of Groundwater Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
		3/16/2021	3/18/2021	3/17/2021	3/16/2021	3/17/2021	3/17/2021	3/18/2021	3/17/2021
Appendix III	Boron	0.050 J	<0.039	<0.039	<0.039	<0.039	1.0	0.071 J	<0.039
	Calcium	11	19	13	52	4.4	38	12	7.3
	Chloride	3.3	3.2	2.8	27	1.4	140	6.3	1.6
	Fluoride	0.043 J	1.1	0.080 J	0.14	0.10	0.036 J	0.073 J	0.031 J
	pH	5.78	6.13	6.23	7.62	7.19	5.31	6.92	6.16
	Sulfate	9.2	11	<0.76	29	2.5	16	1.7	<0.76
	TDS	100	130	170	250	42	430	86	91
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	0.00075 J	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	0.0012	0.00041 J	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.099	0.013	0.26	0.026	0.0039 J	0.26	0.011	0.017
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	0.00074 J	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	0.00043 J	<0.00022	<0.00022
	Chromium	0.0073	<0.0015	0.0016 J	0.0022	<0.0015	<0.0015	<0.0015	0.0027
	Cobalt	0.035	0.0018 J	0.0034	0.0013 J	<0.00013	0.15	<0.00013	<0.00013
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	0.00064 J	<0.00063	<0.00063	<0.00063
	Lead	<0.00013	0.00013 J	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.012	0.00097 J	<0.00034	<0.00034	0.00066 J	0.018	<0.00034	<0.00034
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.0025 J	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	0.00017 J	<0.00015	<0.00015	<0.00015	<0.00015	0.00043 J	<0.00015	<0.00015
	Vanadium	0.0011	<0.00099	0.0029	<0.00099	<0.00099	<0.00099	<0.00099	0.0040
Zinc	0.0048 J	0.0040 J	<0.0032	<0.0032	0.0039 J	0.014	<0.0032	<0.0032	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory 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 = indicator parameters evaluated during Detection Monitoring
6. Parameters required by permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements

Table 6A
Summary of Groundwater Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24
		3/16/2021	3/16/2021	3/17/2021	3/16/2021	3/16/2021	3/15/2021	3/18/2021	3/18/2021
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	Calcium	7.9	7.8	9.6	8.9	6.0	11	3.5	0.18 J
	Chloride	1.2	1.8	2.2	2.0	3.5	1.5	2.0	4.4
	Fluoride	0.034 J	0.029 J	<0.026	0.031 J	<0.026	0.045 J	<0.026	<0.026
	pH	6.22	6.02	5.95	6.33	5.47	6.78	6.02	5.16
	Sulfate	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
	TDS	99	93	67	100	65	89	29	20
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	0.00031 J	0.00039 J	<0.00031	<0.00031	0.00038 J	<0.00031
	Barium	0.015	0.038	0.12	0.032	0.061	0.025	0.0050 J	0.0099 J
	Beryllium	<0.00018	<0.00018	0.00046 J	0.00041 J	<0.00018	0.00020 J	0.00052 J	0.00024 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	0.00025 J	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	<0.00013	<0.00013	0.00038 J	<0.00013	0.0022 J	0.00013 J	0.00024 J	0.0028
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	0.0012 J	<0.00063	0.00066 J	0.0022
	Lead	<0.00013	<0.00013	0.00017 J	0.00014 J	0.00019 J	0.00025 J	0.00029 J	0.00022 J
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	<0.00034	0.0010	<0.00034	0.00097 J	<0.00034	0.00052 J	0.0017
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	0.00033 J	0.00035 J	0.00034 J	0.00052 J	0.00051 J	0.00025 J
	Vanadium	0.0023	0.0017	0.0010	0.0019	<0.00099	0.0068	0.0010	<0.00099
Zinc	<0.0032	<0.0032	0.0056	<0.0032	0.0033 J	<0.0032	<0.0032	0.0064	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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3. J indicates the substance 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 = indicator parameters evaluated during Detection Monitoring
6. Parameters required by permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements

Table 6A
Summary of Groundwater Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance	GWC-25	GWC-26	GWC-27	GWA-28	GWA-29	GWC-30	GWC-31	GWC-32	
	3/17/2021	3/17/2021	3/18/2021	3/15/2021	3/15/2021	3/18/2021	3/16/2021	3/17/2021	
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	
	Calcium	7.1	2.1	3.1	3.0	4.6	3.9	8.5	
	Chloride	5.9	3.0	1.2	1.2	1.2	1.4	1.2	
	Fluoride	0.030 J	<0.026	0.72	1.3	1.7	0.072 J	1.3	2.3
	pH	5.97	5.61	5.39	6.09	5.51	5.77	5.89	6.14
	Sulfate	7.2	<0.76	2.3	0.95 J	6.8	1.1	11	9.1
	TDS	56	35	34	54	77	49	96	79
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	0.00047 J	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.029	0.035	0.016	<0.0016	<0.0016	0.0083 J	0.0022 J	0.0031 J
	Beryllium	<0.00018	<0.00018	0.0043	0.00046 J	0.0020 J	<0.00018	0.00060 J	0.0013 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015	0.0028	0.021	<0.0015	0.0020	<0.0015
	Cobalt	0.0040	<0.00013	0.0017 J	<0.00013	<0.00013	<0.00013	0.00013 J	0.00021 J
	Copper	0.0018 J	<0.00063	0.00066 J	<0.00063	0.0062	<0.00063	0.0029	<0.00063
	Lead	0.00013 J	<0.00013	<0.00013	<0.00013	0.00013 J	<0.00013	0.00046 J	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.0053	0.0014	<0.00034	<0.00034	0.0019	<0.00034	0.0014	0.00082 J
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	0.00085 J	<0.00018	0.00024 J	<0.00018
	Thallium	0.00015 J	<0.00015	0.00021 J	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099	<0.00099	0.0017	0.0014	<0.00099	0.0011
Zinc	0.0088	<0.0032	<0.0032	0.0057	0.024	0.078	0.014	0.081	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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Table 6A
Summary of Groundwater Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-33	GWC-34	GWC-35
		3/18/2021	3/16/2021	3/16/2021
Appendix III	Boron	<0.039	<0.039	<0.039
	Calcium	17	3.0	2.2
	Chloride	2.2	1.1	4.2
	Fluoride	2.1	0.13	0.030 J
	pH	6.41	5.78	5.44
	Sulfate	9.1	1.3	2.2
	TDS	93	46	42
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031
	Barium	0.0060 J	0.012	0.020
	Beryllium	0.00020 J	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015
	Cobalt	0.00015 J	<0.00013	0.00026 J
	Copper	<0.00063	<0.00063	<0.00063
	Lead	<0.00013	<0.00013	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	0.00059 J	0.0011
	Selenium	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099
Zinc	<0.0032	<0.0032	<0.0032	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
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Table 6B
Summary of Groundwater Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWA-1	GWA-2	GWA-3	GWA-4	GWC-5	GWC-6	GWC-7	GWC-8
		8/16/2021	8/18/2021	8/18/2021	8/18/2021	8/19/2021	8/18/2021	8/19/2021	8/20/2021
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	0.040 J
	Calcium	0.77	3.3	16	24	35	16	47	28
	Chloride	2.3	5.2	41	11	10	7.5	12	4.1
	Fluoride	<0.026	<0.026	0.035 J	0.079 J	0.19	0.14	0.35	0.10
	pH	5.48	5.58	5.32	6.22	6.42	5.90	6.38	5.91
	Sulfate	<0.76	0.90 J	51	9.7	29	13	45	17
	TDS	15	50	170	150	220	140	380	170
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.010	0.014	0.092	0.12	0.025	0.061	0.069	0.044
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<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	<0.0015
	Cobalt	<0.00013	0.00020 J	0.00024 J	0.0050	0.0045	0.013	0.0023 J	0.013
	Copper	<0.00063	0.0011 J	0.0017 J	<0.00063	<0.00063	<0.00063	<0.00063	0.0013 J
	Lead	<0.00013	<0.00013	<0.00013	0.00031 J	<0.00013	<0.00013	<0.00013	0.00031 J
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.00076 J	0.0010	0.0039	0.0032	0.0037	0.0058	0.0093	0.0041
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	0.00028 J
	Vanadium	<0.00099	0.0011	0.0015	0.0011	0.0026	<0.00099	0.0020	0.0012
Zinc	<0.0032	0.0046 J	0.038	0.0034 J	<0.0032	0.0034 J	<0.0032	0.0046 J	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
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Table 6B
Summary of Groundwater Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-9	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16
		8/25/2021	8/20/2021	8/23/2021	8/19/2021	8/23/2021	8/23/2021	8/24/2021	8/20/2021
Appendix III	Boron	0.083	<0.039	<0.039	0.077 J	<0.039	0.61	0.047 J	<0.039
	Calcium	12	14	9.1	51	4.2	21	8.6	7.1
	Chloride	7.4	4.8	2.7	27	1.3	99	5.1	1.8
	Fluoride	0.10	0.89	0.21	0.26	0.12	0.068 J	0.13	0.065 J
	pH	5.55	5.68	6.02	7.26	6.52	5.48	6.43	5.98
	Sulfate	14	10	<0.76	33	2.0	8.6	2.0	1.0
	TDS	130	140	190	240	56	290	80	83
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	0.00045 J	<0.00031	0.0014	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.14	0.017	0.23	0.023	0.0031 J	0.17	0.0075 J	0.018
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	0.00026 J	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	0.0024	<0.0015	0.0017 J	<0.0015	<0.0015	<0.0015	<0.0015	0.0021
	Cobalt	0.027	0.0041	0.0019 J	0.00044 J	<0.00013	0.31	0.00018 J	<0.00013
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063
	Lead	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Mercury	0.00014 J	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	0.0041	0.0014	<0.00034	<0.00034	<0.00034	0.021	<0.00034	<0.00034
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	0.00032 J	<0.00015	0.00055 J	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	0.0025	<0.00099	<0.00099	<0.00099	0.0012	0.0047
Zinc	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	0.017	<0.0032	<0.0032	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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Table 6B
Summary of Groundwater Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	GWC-24
		8/20/2021	8/24/2021	8/24/2021	8/24/2021	8/19/2021	8/19/2021	8/23/2021	8/19/2021
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	0.047 J	<0.039	<0.039	<0.039
	Calcium	8.7	7.8	9.3	9.2	10	11	3.9	0.32 J
	Chloride	1.4	2.0	1.9	2.5	15	1.8	2.2	5.2
	Fluoride	0.091 J	0.083 J	0.078 J	0.077 J	0.48 J	0.031 J	0.051 J	0.089 J
	pH	6.05	5.90	5.78	6.17	5.54	6.58	5.90	5.10
	Sulfate	1.1	0.89 J	2.5	0.88 J	<0.76	1.2	<0.76	0.77 J
	TDS	98	99	85	96	84	120	47	30
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.016	0.040	0.070	0.032	0.062	0.024	0.0053 J	0.013
	Beryllium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<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	<0.0015
	Cobalt	<0.00013	<0.00013	0.00053 J	<0.00013	0.0049	<0.00013	<0.00013	0.0028
	Copper	<0.00063	<0.00063	0.00094 J	<0.00063	<0.00063	<0.00063	0.0011 J	0.0010 J
	Lead	<0.00013	<0.00013	0.00019 J	<0.00013	0.00018 J	<0.00013	0.00033 J	0.0015
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	<0.00034	0.00050 J	<0.00034	0.00071 J	<0.00034	0.00059 J	0.0017
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	0.00052 J	0.00025 J	<0.00015	<0.00015
	Vanadium	0.0032	0.0019	0.0016	0.0018	<0.00099	0.0063	<0.00099	<0.00099
Zinc	<0.0032	<0.0032	0.0034 J	<0.0032	<0.0032	<0.0032	0.032	0.014	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
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Table 6B
Summary of Groundwater Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-25	GWC-26	GWC-27	GWA-28	GWA-29	GWC-30	GWC-31	GWC-32
		8/19/2021	8/19/2021	8/23/2021	8/16/2021	8/18/2021	8/23/2021	8/25/2021	8/24/2021
Appendix III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	Calcium	7.4	2.1	1.6	2.7	4.2	3.5	9.4	6.1
	Chloride	5.9	3.1	1.1	1.5	1.4	1.5	1.5	1.3
	Fluoride	0.11	0.10	0.27	1.6	2.0	0.12	1.5	2.1
	pH	5.97	5.69	5.35	6.21	5.79	5.96	6.01	6.12
	Sulfate	7.2	0.82 J	0.78 J	1.1	6.7	1.2	12	10
	TDS	81	50	30	50	76	54	110	94
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	Barium	0.030	0.036	0.010	<0.0016	<0.0016	0.0076 J	0.0029 J	<0.0016
	Beryllium	<0.00018	<0.00018	0.0015 J	0.00041 J	0.0021 J	<0.00018	0.00072 J	0.0011 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	0.0016 J	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Cobalt	0.0041	<0.00013	0.0014 J	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	Copper	0.0016 J	0.0011 J	<0.00063	<0.00063	0.0060	<0.00063	0.0019 J	<0.00063
	Lead	0.00028 J	0.0015	0.00027 J	<0.00013	0.00021 J	<0.00013	0.00031 J	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	0.00016 J	<0.00013
	Nickel	0.0035	0.00059 J	<0.00034	<0.00034	0.0014	<0.00034	0.00064 J	<0.00034
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	0.0013	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	0.00018 J	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099	0.0011	0.0012	0.0015	0.0010	0.0011
Zinc	0.0076	0.0049 J	<0.0032	0.0061	0.024	<0.0032	0.0074	0.022	

Notes:

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Table 6B
Summary of Groundwater Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		GWC-33	GWC-34	GWC-35
		8/24/2021	8/24/2021	8/18/2021
Appendix III	Boron	<0.039	<0.039	<0.039
	Calcium	17	2.7	2.3
	Chloride	2.6	1.4	4.5
	Fluoride	1.1	0.22	0.11
	pH	6.32	5.93	5.53
	Sulfate	8.1	1.4	2.7
	TDS	100	44	50
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031
	Barium	0.010	0.012	0.023
	Beryllium	<0.00018	<0.00018	<0.00018
	Cadmium	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	<0.0015
	Cobalt	<0.00013	<0.00013	0.00022 J
	Copper	<0.00063	<0.00063	<0.00063
	Lead	0.00027 J	<0.00013	<0.00013
	Mercury	<0.00013	<0.00013	<0.00013
	Nickel	<0.00034	0.00043 J	0.00094 J
	Selenium	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018
	Thallium	0.00032 J	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099
Zinc	<0.0032	<0.0032	<0.0032	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory 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 = indicator parameters evaluated during Detection Monitoring
6. Parameters required by permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements

Table 7A
Summary of Surface Water Analytical Data
March 2021
Plant Wansley CCR Landfill
Heard County

Substance	SWA-1	SWA-6	SWC-3	SWC-5	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	0.062 J	0.20	0.23	<0.039	<0.039	<0.039
	Calcium	2.7	9.0	10	16	5.6	19	3.1
	Chloride	3.1	9.8	55	23	5.0	4.3	1.9
	Fluoride	0.041 J	0.11	0.17	0.075 J	0.047 J	0.049 J	0.059 J
	pH	7.13	7.33	6.40	6.94	7.04	6.37	5.86
	Sulfate	1.7	13	2.7	16	3.5	11	3.4
	TDS	27	82	150	110	61	110	59
Required by Permit	Antimony	<0.00038	0.00040 J	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	0.0044	0.00048 J	0.00041 J	0.00037 J	0.00089 J	<0.00031
	Barium	0.017	0.039	0.047	0.096	0.033	0.048	0.019
	Beryllium	<0.00018	<0.00018	<0.00018	0.00020 J	<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	0.0016 J	0.20	0.0099	0.0055	0.033	0.013
	Copper	<0.00063	0.0020	<0.00063	0.0019 J	0.00088 J	<0.00063	<0.00063
	Lead	0.00023 J	0.0038	0.00020 J	0.0019	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	0.0010	0.0064	0.0041	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	0.0022	<0.00099	0.0041	0.0017	<0.00099	<0.00099
Zinc	<0.0032	0.018	<0.0032	0.0047 J	<0.0032	0.0084	0.0036 J	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit.
3. J indicates the substance 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.

Table 7B
Summary of Surface Water Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance		SWA-1	SWA-6	SWC-3	SWC-5	SWC-7
		8/25/2021	8/25/2021	8/25/2021	8/25/2021	8/25/2021
Appendix III	Boron	<0.039	0.066 J	0.34	0.29	0.18
	Calcium	3.5	11	16	15	9.6
	Chloride	3.3	5.8	93	28	12
	Fluoride	0.16	0.18	0.29	0.13	0.16
	pH	6.98	6.98	6.09	5.81	6.98
	Sulfate	1.5	18	0.82 J	18	12
	TDS	39	99	240	170	91
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	0.00057 J	0.0016	<0.00031	0.00083 J
	Barium	0.019	0.029	0.061	0.093	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	0.00051 J	0.24	0.015	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	0.00043 J	0.0062	0.0060	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 substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit.
3. J indicates the substance 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.

Table 8
Summary of Effluent Analytical Data
August 2021
Plant Wansley CCR Landfill
Heard County

Substance	Effluent Unit 1
	8/26/2021
Antimony	0.012
Arsenic	0.18
Barium	0.88
Beryllium	0.0047
Cadmium	0.041
Chromium	0.47
Cobalt	0.024
Copper	0.14
Lead	0.12
Mercury	0.034
Nickel	0.24
Selenium	0.74
Silver	0.0027
Thallium	0.0056
Vanadium	0.27
Zinc	0.99

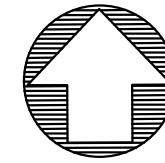
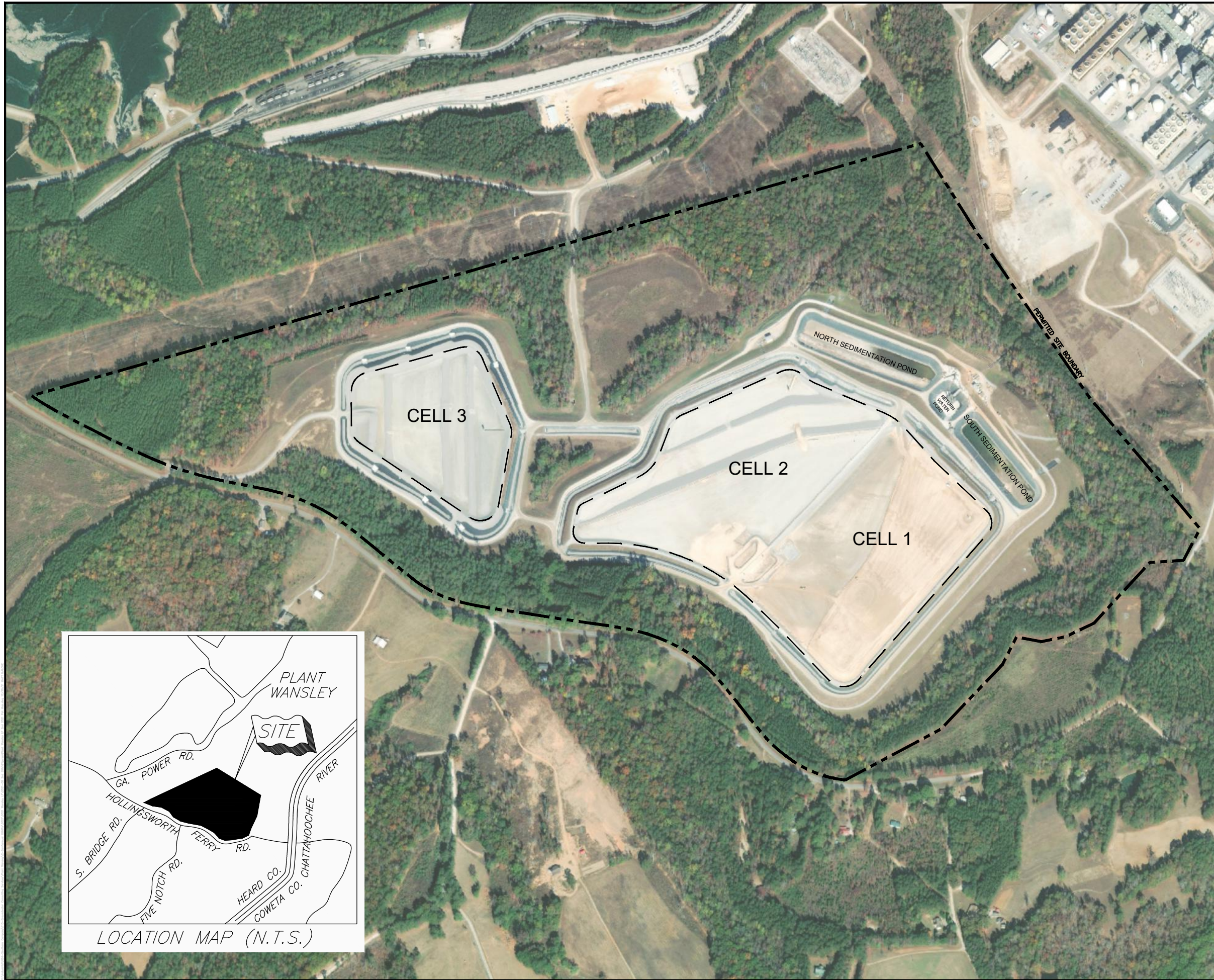
Notes:

1. Results for substances are reported in milligrams per liter (mg/L).

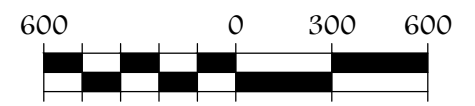
**Table 9
Statistical Method Summary
Plant Wansley CCR Landfill
Heard County**

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 TDS
	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 Parameters	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 EPD Permit Metals) statistical limits are on constituent specific basis, depending on the appropriateness of the method as determined by the Analysis of Variance. Intrawell exceedances are further evaluated by interwell analysis per the two-step statistical method.

FIGURES



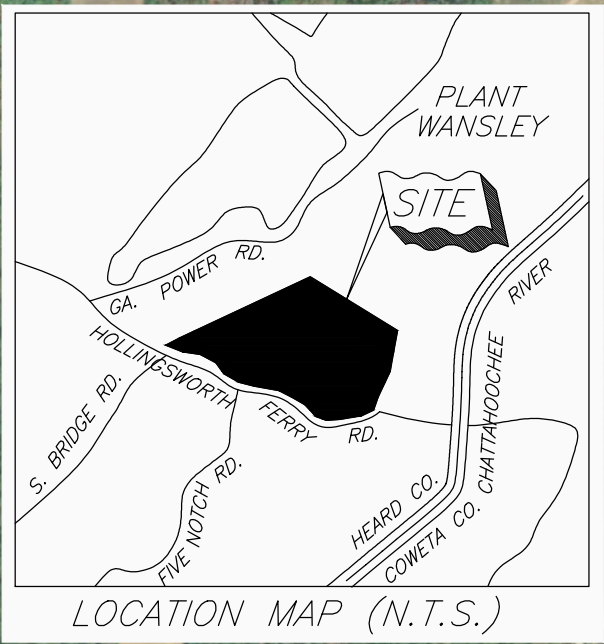
ATLANTIC COAST
CONSULTING, INC.



SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	APPROXIMATE LANDFILL/CELL BOUNDARY



PROJECT



GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

2021 ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT

SITE MAP

PROJECT NO. I054-110

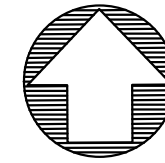
January 2022

DRAWN BY: MM

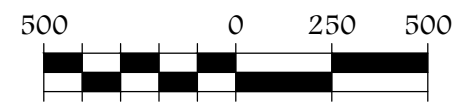
FIGURE:

CHECKED BY: MG

1



ATLANTIC COAST CONSULTING, INC.



SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	APPROXIMATE LANDFILL/CELL BOUNDARY
	MONITORING WELL
	SURFACE WATER MONITORING POINT

PROJECT



GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

2021 ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT

WELL LOCATION MAP

PROJECT NO. I054-110

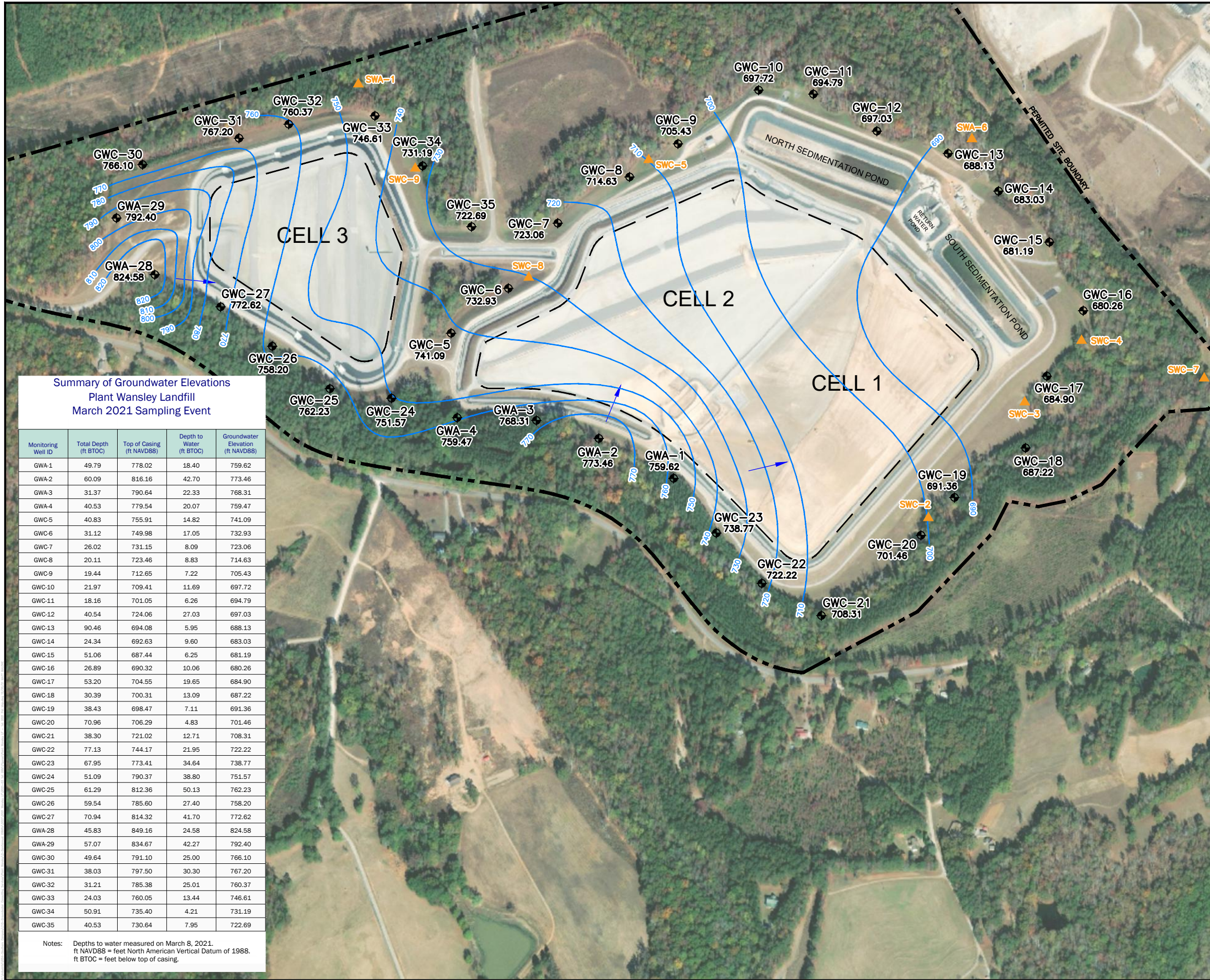
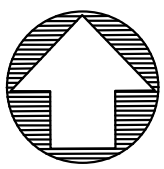

January 2022

DRAWN BY: RW

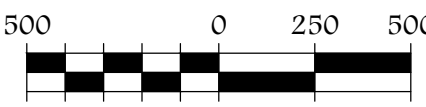
FIGURE:

CHECKED BY: MM

2

ATLANTIC COAST CONSULTING, INC.



SCALE (IN FEET)


LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	APPROXIMATE LANDFILL/CELL BOUNDARY
	MONITORING WELL
	GROUNDWATER ELEVATION
	SURFACE WATER MONITORING POINT
	GROUNDWATER ELEVATION CONTOUR
	GROUNDWATER FLOW DIRECTION


Summary of Groundwater Elevations
Plant Wansley Landfill
March 2021 Sampling Event

Monitoring Well ID	Total Depth (ft BTOC)	Top of Casing (ft NAVD88)	Depth to Water (ft BTOC)	Groundwater Elevation (ft NAVD88)
GWA-1	49.79	778.02	18.40	759.62
GWA-2	60.09	816.16	42.70	773.46
GWA-3	31.37	790.64	22.33	768.31
GWA-4	40.53	779.54	20.07	759.47
GWC-5	40.83	755.91	14.82	741.09
GWC-6	31.12	749.98	17.05	732.93
GWC-7	26.02	731.15	8.09	723.06
GWC-8	20.11	723.46	8.83	714.63
GWC-9	19.44	712.65	7.22	705.43
GWC-10	21.97	709.41	11.69	697.72
GWC-11	18.16	701.05	6.26	694.79
GWC-12	40.54	724.06	27.03	697.03
GWC-13	90.46	694.08	5.95	688.13
GWC-14	24.34	692.63	9.60	683.03
GWC-15	51.06	687.44	6.25	681.19
GWC-16	26.89	690.32	10.06	680.26
GWC-17	53.20	704.55	19.65	684.90
GWC-18	30.39	700.31	13.09	687.22
GWC-19	38.43	698.47	7.11	691.36
GWC-20	70.96	706.29	4.83	701.46
GWC-21	38.30	721.02	12.71	708.31
GWC-22	77.13	744.17	21.95	722.22
GWC-23	67.95	773.41	34.64	738.77
GWC-24	51.09	790.37	38.80	751.57
GWC-25	61.29	812.36	50.13	762.23
GWC-26	59.54	785.60	27.40	758.20
GWC-27	70.94	814.32	41.70	772.62
GWA-28	45.83	849.16	24.58	824.58
GWA-29	57.07	834.67	42.27	792.40
GWC-30	49.64	791.10	25.00	766.10
GWC-31	38.03	797.50	30.30	767.20
GWC-32	31.21	785.38	25.01	760.37
GWC-33	24.03	760.05	13.44	746.61
GWC-34	50.91	735.40	4.21	731.19
GWC-35	40.53	730.64	7.95	722.69

Notes: Depths to water measured on March 8, 2021.
ft NAVD88 = feet North American Vertical Datum of 1988.
ft BTOC = feet below top of casing.



PROJECT



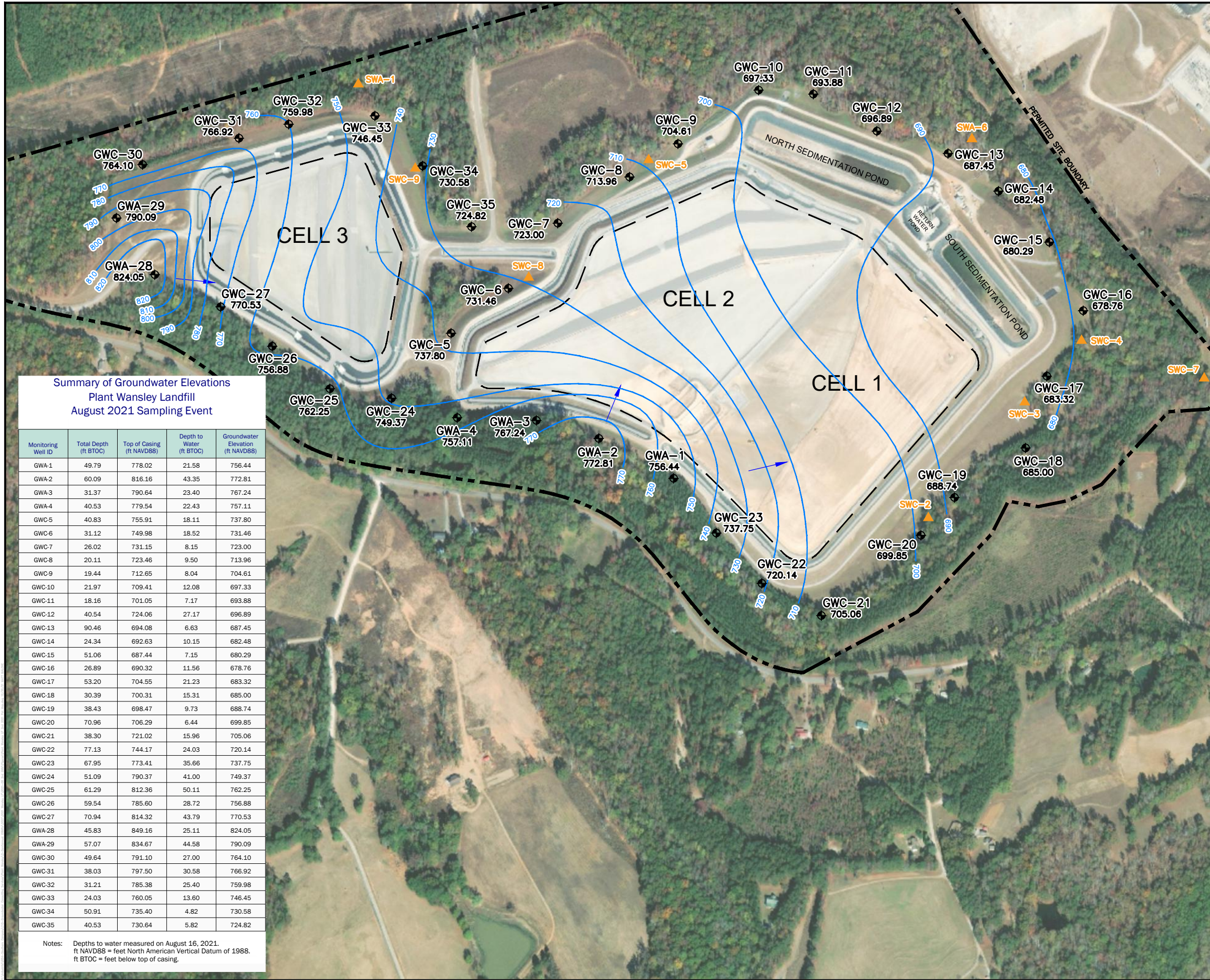
GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

2021 ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT

POTENTIOMETRIC CONTOUR MAP
MARCH 2021

PROJECT NO. I054-110 January 2022

DRAWN BY:	RW	FIGURE:	3A
CHECKED BY:	MM		



ATLANTIC COAST CONSULTING, INC.

SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	APPROXIMATE LANDFILL/CELL BOUNDARY
	MONITORING WELL
	GROUNDWATER ELEVATION
	SURFACE WATER MONITORING POINT
	GROUNDWATER ELEVATION CONTOUR
	GROUNDWATER FLOW DIRECTION

Summary of Groundwater Elevations
Plant Wansley Landfill
August 2021 Sampling Event

Monitoring Well ID	Total Depth (ft BTOC)	Top of Casing (ft NAVD88)	Depth to Water (ft BTOC)	Groundwater Elevation (ft NAVD88)
GWA-1	49.79	778.02	21.58	756.44
GWA-2	60.09	816.16	43.35	772.81
GWA-3	31.37	790.64	23.40	767.24
GWA-4	40.53	779.54	22.43	757.11
GWC-5	40.83	755.91	18.11	737.80
GWC-6	31.12	749.98	18.52	731.46
GWC-7	26.02	731.15	8.15	723.00
GWC-8	20.11	723.46	9.50	713.96
GWC-9	19.44	712.65	8.04	704.61
GWC-10	21.97	709.41	12.08	697.33
GWC-11	18.16	701.05	7.17	693.88
GWC-12	40.54	724.06	27.17	696.89
GWC-13	90.46	694.08	6.63	687.45
GWC-14	24.34	692.63	10.15	682.48
GWC-15	51.06	687.44	7.15	680.29
GWC-16	26.89	690.32	11.56	678.76
GWC-17	53.20	704.55	21.23	683.32
GWC-18	30.39	700.31	15.31	685.00
GWC-19	38.43	698.47	9.73	688.74
GWC-20	70.96	706.29	6.44	699.85
GWC-21	38.30	721.02	15.96	705.06
GWC-22	77.13	744.17	24.03	720.14
GWC-23	67.95	773.41	35.66	737.75
GWC-24	51.09	790.37	41.00	749.37
GWC-25	61.29	812.36	50.11	762.25
GWC-26	59.54	785.60	28.72	756.88
GWC-27	70.94	814.32	43.79	770.53
GWA-28	45.83	849.16	25.11	824.05
GWA-29	57.07	834.67	44.58	790.09
GWC-30	49.64	791.10	27.00	764.10
GWC-31	38.03	797.50	30.58	766.92
GWC-32	31.21	785.38	25.40	759.98
GWC-33	24.03	760.05	13.60	746.45
GWC-34	50.91	735.40	4.82	730.58
GWC-35	40.53	730.64	5.82	724.82

Notes: Depths to water measured on August 16, 2021.
ft NAVD88 = feet North American Vertical Datum of 1988.
ft BTOC = feet below top of casing.

PROJECT

Georgia Power

GEORGIA POWER COMPANY
PLANT WANSLEY LANDFILL

2021 ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT

**POTENTIOMETRIC CONTOUR MAP
AUGUST 2021**

PROJECT NO. I054-110 January 2022

DRAWN BY:	RW	FIGURE:	3B
CHECKED BY:	MM		

APPENDICES

APPENDIX A

**LABORATORY ANALYTICAL AND FIELD SAMPLING
REPORTS**



**ATLANTIC COAST
CONSULTING, INC.**

1150 Northmeadow Parkway
Suite 100
Roswell GA 30076
(770) 594-5998
www.atlcc.net

MEMORANDUM

Date: November 5, 2021
 To: Kristen Jurinko – Southern Company Services
 From: Atlantic Coast Consulting
 Subject: Plant Wansley Landfill- Well Maintenance and Repair Documentation
 Georgia Power Company

Atlantic Coast Consulting (ACC) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Wansley during the 2021 Annual Groundwater Monitoring reporting period. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Plant Wansley /Landfill	10/4/2021	GWA-3	Backfilled under pad
Plant Wansley /Landfill	10/4/2021	GWC-6	Cleaned off grass overgrowth
Plant Wansley /Landfill	10/4/2021	GWC-10	Removed concrete from around the bollard & Fixed 2 loose bollards around GWC-10
Plant Wansley /Landfill	10/4/2021	GWC-13	Pumped hydraulic cement under the pad and place small amount of gravel around the pad to prevent the washing out under the hydraulic cement
Plant Wansley /Landfill	10/4/2021	GWC-15	Removed cracked pad and replaced by pouring new pad
Plant Wansley /Landfill	10/4/2021	GWC-16	Fixed loose bollard and straightened all 4, added weep hole
Plant Wansley /Landfill	10/4/2021	GWC-17	Fixed loose bollard and straightened 2 others
Plant Wansley /Landfill	10/4/2021	GWC-21	Fixed loose bollard and straightened 2 others, patched the edge of the pad with concrete and added dirt around the pad

Plant Wansley /Landfill	10/4/2021	GWA-29	Fixed 3 loose bollards
Plant Wansley /Landfill	10/4/2021	GWC-34	Cleaned up debris from around riser, inside of protective cover

ANALYTICAL REPORT

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

Laboratory Job ID: 180-118541-1
Client Project/Site: Plant Wansley Landfill
Revision: 1

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

Attn: Kristen N Jurinko



Authorized for release by:
4/22/2021 3:45:22 PM

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

LINKS

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results through
Total Access

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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.

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Job ID: 180-118541-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative 180-118541-1

Comments

042221 Revised report to correct field date on the following samples per client request: GWC-5 (180-118713-12) and GWC-18 (180-118713-22). This report replaces the report previously issued on 040521.

Receipt

The samples were received on 3/17/2021 8:45 AM and 3/19/2021 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.2° C, 2.8° C, 3.2° C, 3.7° C and 4.1° C.

Receipt Exceptions

The 500 ml containers for the following sample is an orangish color unlike the nitric container which is clear. GWC-11 (180-118713-16) and Dup-3 (180-118713-26)

The following samples were listed on the Chain of Custody (COC); however, no samples were received: GWC-21 (180-118713-2) and GWC-9 (180-118713-14). Client instructed samples were not required; a revised COC was provided and is included with this report.

GC Semi VOA

Method 300.0: The matrix spike and matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 180-350706 were outside control limits for Fluoride: (180-118541-A-5 MS) and (180-118541-A-5 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 300.0: The matrix spike and matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 180-351343 were outside control limits for Fluoride and Sulfate on the MS and Sulfate on the MSD: (180-118713-A-9 MS) and (180-118713-A-9 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

Metals

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-351756 and analytical batch 180-351949 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Field Service / Mobile Lab

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

General Chemistry

Method SM 2540C: The following sample was analyzed outside of analytical holding time due to analyst error. GWC-33 (180-118713-10) and Dup-2 (180-118713-25).

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-21
California	State	2891	04-30-21
Connecticut	State	PH-0688	09-30-20 *
Florida	NELAP	E871008	06-30-21
Georgia	State	PA 02-00416	04-30-21
Illinois	NELAP	004375	06-30-21
Kansas	NELAP	E-10350	01-31-22
Kentucky (UST)	State	162013	04-30-21
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	06-30-21
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-21
Nevada	State	PA00164	07-31-21
New Hampshire	NELAP	2030	04-11-21
New Jersey	NELAP	PA005	06-30-21
New York	NELAP	11182	04-06-21
North Carolina (WW/SW)	State	434	12-31-21
North Dakota	State	R-227	04-30-21
Oregon	NELAP	PA-2151	02-06-22
Pennsylvania	NELAP	02-00416	04-30-21
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	04-30-21
Texas	NELAP	T104704528	03-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-21
Virginia	NELAP	10043	09-14-21
West Virginia DEP	State	142	01-31-22
Wisconsin	State	998027800	08-31-21

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

Eurofins TestAmerica, Pittsburgh

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-118541-1	GWA-1	Ground Water	03/15/21 15:10	03/17/21 08:45	
180-118541-2	GWA-2	Ground Water	03/15/21 15:00	03/17/21 08:45	
180-118541-3	GWA-3	Ground Water	03/15/21 16:45	03/17/21 08:45	
180-118541-4	GWA-4	Ground Water	03/15/21 15:00	03/17/21 08:45	
180-118541-5	GWA-28	Ground Water	03/15/21 13:25	03/17/21 08:45	
180-118541-6	GWA-29	Ground Water	03/15/21 13:55	03/17/21 08:45	
180-118541-7	GWC-7	Ground Water	03/16/21 10:50	03/17/21 08:45	
180-118541-8	GWC-8	Ground Water	03/16/21 11:55	03/17/21 08:45	
180-118541-9	GWC-12	Ground Water	03/16/21 11:05	03/17/21 08:45	
180-118541-10	GWC-21	Ground Water	03/16/21 12:35	03/17/21 08:45	
180-118541-11	GWC-22	Ground Water	03/15/21 16:30	03/17/21 08:45	
180-118541-12	GWC-9	Ground Water	03/16/21 13:13	03/17/21 08:45	
180-118541-13	GWC-31	Ground Water	03/16/21 10:50	03/17/21 08:45	
180-118541-14	GWC-34	Ground Water	03/16/21 12:15	03/17/21 08:45	
180-118541-15	GWC-35	Ground Water	03/16/21 13:15	03/17/21 08:45	
180-118541-16	EB-1	Water	03/15/21 15:30	03/17/21 08:45	
180-118541-17	Dup-1	Water	03/15/21 00:00	03/17/21 08:45	
180-118541-18	FB-1	Water	03/15/21 16:50	03/17/21 08:45	
180-118541-19	FB-2	Water	03/16/21 12:20	03/17/21 08:45	
180-118541-20	EB-2	Water	03/16/21 14:00	03/17/21 08:45	
180-118713-1	GWC-19	Ground Water	03/17/21 14:47	03/19/21 08:45	
180-118713-3	GWC-23	Ground Water	03/18/21 11:45	03/19/21 08:45	
180-118713-4	GWC-24	Ground Water	03/18/21 10:50	03/19/21 08:45	
180-118713-5	GWC-25	Ground Water	03/17/21 13:20	03/19/21 08:45	
180-118713-6	GWC-26	Ground Water	03/17/21 12:05	03/19/21 08:45	
180-118713-7	GWC-27	Ground Water	03/18/21 13:14	03/19/21 08:45	
180-118713-8	GWC-30	Ground Water	03/18/21 12:20	03/19/21 08:45	
180-118713-9	GWC-32	Ground Water	03/17/21 11:00	03/19/21 08:45	
180-118713-10	GWC-33	Ground Water	03/18/21 10:25	03/19/21 08:45	
180-118713-11	EB-3	Water	03/17/21 15:10	03/19/21 08:45	
180-118713-12	GWC-5	Ground Water	03/17/21 13:20	03/19/21 08:45	
180-118713-13	GWC-6	Ground Water	03/17/21 11:37	03/19/21 08:45	
180-118713-15	GWC-10	Ground Water	03/18/21 11:40	03/19/21 08:45	
180-118713-16	GWC-11	Ground Water	03/17/21 12:07	03/19/21 08:45	
180-118713-17	GWC-13	Ground Water	03/17/21 14:12	03/19/21 08:45	
180-118713-18	GWC-14	Ground Water	03/17/21 16:35	03/19/21 08:45	
180-118713-19	GWC-15	Ground Water	03/18/21 11:05	03/19/21 08:45	
180-118713-20	GWC-16	Ground Water	03/17/21 14:25	03/19/21 08:45	
180-118713-21	GWC-17	Ground Water	03/16/21 13:50	03/19/21 08:45	
180-118713-22	GWC-18	Ground Water	03/16/21 15:05	03/19/21 08:45	
180-118713-23	GWC-20	Ground Water	03/16/21 15:10	03/19/21 08:45	
180-118713-24	EB-4	Water	03/18/21 12:05	03/19/21 08:45	
180-118713-25	Dup-2	Water	03/16/21 00:00	03/19/21 08:45	
180-118713-26	Dup-3	Water	03/17/21 00:00	03/19/21 08:45	
180-118713-27	Dup-4	Water	03/18/21 00:00	03/19/21 08:45	
180-118713-28	FB-3	Water	03/17/21 14:40	03/19/21 08:45	
180-118713-29	FB-4	Water	03/18/21 12:00	03/19/21 08:45	

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-1

Date Collected: 03/15/21 15:10

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350704	03/25/21 09:18	EPS	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:26	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:31	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 13:56	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350157	03/21/21 12:38	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 15:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-2

Date Collected: 03/15/21 15:00

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 09:27	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:37	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:34	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 13:57	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350157	03/21/21 12:38	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 15:00	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-3

Date Collected: 03/15/21 16:45

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 10:56	EPS	TAL PIT
Instrument ID: INTEGRION										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-3

Date Collected: 03/15/21 16:45

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-3

Matrix: Ground 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			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:40	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:36	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 13:59	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 16:45	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-4

Date Collected: 03/15/21 15:00

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 11:14	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:44	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:45	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:00	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 15:00	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-28

Date Collected: 03/15/21 13:25

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 13:55	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:48	RSK	TAL PIT
Instrument ID: DORY										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-28
Date Collected: 03/15/21 13:25
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-5
Matrix: Ground 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			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:48	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:03	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 13:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWA-29
Date Collected: 03/15/21 13:55
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 11:32	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:51	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:50	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:07	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/15/21 13:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-7
Date Collected: 03/16/21 10:50
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 10:21	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:55	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:53	RJR	TAL PIT
Instrument ID: NEMO										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-7

Date Collected: 03/16/21 10:50

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:08	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350414	03/23/21 12:12	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/16/21 10:50	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-8

Date Collected: 03/16/21 11:55

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 16:00	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 13:58	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:56	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:09	RJR	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350414	03/23/21 12:12	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/16/21 11:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-12

Date Collected: 03/16/21 11:05

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 14:49	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			350954	03/26/21 14:02	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351061	03/27/21 13:59	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351260	03/30/21 14:10	RJR	TAL PIT
Instrument ID: HGY										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-12
Date Collected: 03/16/21 11:05
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350414	03/23/21 12:12	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 11:05	FDS	TAL PIT

Client Sample ID: GWC-21
Date Collected: 03/16/21 12:35
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 17:30	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 10:40	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351260	03/30/21 14:11	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350414	03/23/21 12:12	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 12:35	FDS	TAL PIT

Client Sample ID: GWC-22
Date Collected: 03/15/21 16:30
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-11
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 16:18	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 10:54	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351260	03/30/21 14:12	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/15/21 16:30	FDS	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-9
Date Collected: 03/16/21 13:13
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-12
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 16:36	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 10:57	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351260	03/30/21 14:13	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350414	03/23/21 12:12	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 13:13	FDS	TAL PIT

Client Sample ID: GWC-31
Date Collected: 03/16/21 10:50
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-13
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 17:12	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 11:00	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351260	03/30/21 14:14	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 10:50	FDS	TAL PIT

Client Sample ID: GWC-34
Date Collected: 03/16/21 12:15
Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-14
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 16:54	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 11:08	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	350926	03/26/21 14:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351260	03/30/21 14:15	RJR	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-34

Date Collected: 03/16/21 12:15

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-14

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 12:15	FDS	TAL PIT

Client Sample ID: GWC-35

Date Collected: 03/16/21 13:15

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-15

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 13:37	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 11:11	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351380	03/31/21 11:15	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			351583	04/01/21 11:22	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/16/21 13:15	FDS	TAL PIT

Client Sample ID: EB-1

Date Collected: 03/15/21 15:30

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 13:19	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351300	03/30/21 11:14	RSK	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351371	03/31/21 11:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			351583	04/01/21 10:41	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT

Client Sample ID: Dup-1

Date Collected: 03/15/21 00:00

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			350706	03/25/21 15:07	EPS	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-1

Date Collected: 03/15/21 00:00

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-17

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			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351300	03/30/21 11:16	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351371	03/31/21 11:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351583	04/01/21 10:42	KHM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-1

Date Collected: 03/15/21 16:50

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 13:02	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351300	03/30/21 11:19	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351371	03/31/21 11:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351583	04/01/21 10:43	KHM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350156	03/21/21 12:36	GRB	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-2

Date Collected: 03/16/21 12:20

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 12:44	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351544	04/01/21 11:01	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351772	04/02/21 17:14	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351300	03/30/21 11:22	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351371	03/31/21 11:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351583	04/01/21 10:44	KHM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350419	03/23/21 12:14	GRB	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-2

Date Collected: 03/16/21 14:00

Date Received: 03/17/21 08:45

Lab Sample ID: 180-118541-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			350706	03/25/21 12:26	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	350753	03/25/21 12:15	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351300	03/30/21 11:25	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351371	03/31/21 11:01	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351583	04/01/21 10:44	KHM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350419	03/23/21 12:14	GRB	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-19

Date Collected: 03/17/21 14:47

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 21:57	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 12:20	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:24	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/17/21 14:47	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-23

Date Collected: 03/18/21 11:45

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 22:15	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 12:33	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:25	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350798	03/25/21 16:56	KMM	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-23

Date Collected: 03/18/21 11:45

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			350209	03/18/21 11:45	FDS	TAL PIT

Client Sample ID: GWC-24

Date Collected: 03/18/21 10:50

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/30/21 22:33	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 12:36	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:26	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350798	03/25/21 16:56	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/18/21 10:50	FDS	TAL PIT

Client Sample ID: GWC-25

Date Collected: 03/17/21 13:20

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/30/21 21:04	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 12:53	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:27	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/17/21 13:20	FDS	TAL PIT

Client Sample ID: GWC-26

Date Collected: 03/17/21 12:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-6

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 01:14	SAT	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-26

Date Collected: 03/17/21 12:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-6

Matrix: Ground 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			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 12:56	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:28	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/17/21 12:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-27

Date Collected: 03/18/21 13:14

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 17:37	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 12:59	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:29	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350798	03/25/21 16:56	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/18/21 13:14	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-30

Date Collected: 03/18/21 12:20

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351162	03/31/21 06:35	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:01	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:33	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350798	03/25/21 16:56	KMM	TAL PIT
Instrument ID: NOEQUIP										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-30

Date Collected: 03/18/21 12:20

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1			350209	03/18/21 12:20	FDS	TAL PIT

Client Sample ID: GWC-32

Date Collected: 03/17/21 11:00

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 09:09	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:04	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:34	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/17/21 11:00	FDS	TAL PIT

Client Sample ID: GWC-33

Date Collected: 03/18/21 10:25

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/30/21 23:26	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:07	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351755	04/02/21 17:49	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:35	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350948	03/26/21 18:11	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/18/21 10:25	FDS	TAL PIT

Client Sample ID: EB-3

Date Collected: 03/17/21 15:10

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			351490	04/01/21 14:42	SAT	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-3

Date Collected: 03/17/21 15:10

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-11

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			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 12:50	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:46	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-5

Date Collected: 03/17/21 13:20

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 23:44	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:10	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:48	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			354195	03/17/21 13:20	ELA	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-6

Date Collected: 03/17/21 11:37

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-13

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/31/21 00:02	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:13	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 11:49	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/17/21 11:37	FDS	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-10
Date Collected: 03/18/21 11:40
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-15
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 00:20	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:21	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:50	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350798	03/25/21 16:56	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/18/21 11:40	FDS	TAL PIT

Client Sample ID: GWC-11
Date Collected: 03/17/21 12:07
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-16
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 00:38	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:24	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:53	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/17/21 12:07	FDS	TAL PIT

Client Sample ID: GWC-13
Date Collected: 03/17/21 14:12
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-17
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 12:58	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:27	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 11:54	KHM	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-13

Date Collected: 03/17/21 14:12

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-17

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/17/21 14:12	FDS	TAL PIT

Client Sample ID: GWC-14

Date Collected: 03/17/21 16:35

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-18

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			351345	03/31/21 13:45	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:29	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 12:06	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350659	03/24/21 22:59	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/17/21 16:35	FDS	TAL PIT

Client Sample ID: GWC-15

Date Collected: 03/18/21 11:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-19

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 00:56	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:32	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 12:05	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350799	03/25/21 17:00	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/18/21 11:05	FDS	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-16

Lab Sample ID: 180-118713-20

Date Collected: 03/17/21 14:25

Matrix: Ground Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 14:21	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:35	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:07	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350659	03/24/21 22:59	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/17/21 14:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-17

Lab Sample ID: 180-118713-21

Date Collected: 03/16/21 13:50

Matrix: Ground Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/31/21 02:07	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:38	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:08	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350209	03/16/21 13:50	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-18

Lab Sample ID: 180-118713-22

Date Collected: 03/16/21 15:05

Matrix: Ground Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/31/21 03:01	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351413	03/31/21 13:16	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 13:40	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:09	KHM	TAL PIT
Instrument ID: HGY										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-18

Date Collected: 03/16/21 15:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-22

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			354195	03/16/21 15:05	ELA	TAL PIT

Client Sample ID: GWC-20

Date Collected: 03/16/21 15:10

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-23

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 03:19	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 13:54	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351756	04/02/21 17:52	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 12:14	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350209	03/16/21 15:10	FDS	TAL PIT

Client Sample ID: EB-4

Date Collected: 03/18/21 12:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 12:09	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:19	RJR	TAL PIT
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			351949	04/05/21 12:18	KHM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350799	03/25/21 17:00	KMM	TAL PIT

Client Sample ID: Dup-2

Date Collected: 03/16/21 00:00

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1	1 mL	1.0 mL	351162	03/31/21 03:37	SAT	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-2
Date Collected: 03/16/21 00:00
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-25
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			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:08	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:19	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350654	03/24/21 19:40	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: Dup-3
Date Collected: 03/17/21 00:00
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/31/21 03:54	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:11	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:20	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350659	03/24/21 22:59	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: Dup-4
Date Collected: 03/18/21 00:00
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 20:10	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:28	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:21	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350799	03/25/21 17:00	KMM	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: FB-3

Lab Sample ID: 180-118713-28

Date Collected: 03/17/21 14:40

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 19:52	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:22	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:22	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350659	03/24/21 22:59	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-4

Lab Sample ID: 180-118713-29

Date Collected: 03/18/21 12:00

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1	1 mL	1.0 mL	351162	03/30/21 16:53	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:25	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:23	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350799	03/25/21 17:00	KMM	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KEM = Kimberly Mahoney

KHM = Kyle Mucroski

TJO = Tyler Oliver

Batch Type: Analysis

ELA = Eric Abernathy

EPS = Evan Scheuer

FDS = Sampler Field

GRB = Gabriel Berghe

KHM = Kyle Mucroski

KMM = Kendric Moore

RJR = Ron Rosenbaum

RSK = Robert Kurtz

SAT = Stephen Tallam

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-1

Lab Sample ID: 180-118541-1

Date Collected: 03/15/21 15:10

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			03/25/21 09:18	1
Fluoride	0.036	J	0.10	0.026	mg/L			03/25/21 09:18	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:26	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:26	1
Barium	0.010		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:26	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:26	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:26	1
Calcium	0.82		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:26	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:26	1
Cobalt	0.00022	J	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:26	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:26	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:26	1
Nickel	0.00059	J	0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:26	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:26	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:26	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:26	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:26	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:26	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/21/21 12:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.55				SU			03/15/21 15:10	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-2

Lab Sample ID: 180-118541-2

Date Collected: 03/15/21 15:00

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			03/25/21 09:27	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 09:27	1
Sulfate	1.5		1.0	0.76	mg/L			03/25/21 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:37	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:37	1
Barium	0.011		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:37	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:37	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:37	1
Calcium	3.2		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:37	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:37	1
Cobalt	0.00021	J	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:37	1
Copper	0.0010	J	0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:37	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:37	1
Nickel	0.00076	J	0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:37	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:37	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:37	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:37	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:37	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:37	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	39		10	10	mg/L			03/21/21 12:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.44				SU			03/15/21 15:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-3

Lab Sample ID: 180-118541-3

Date Collected: 03/15/21 16:45

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49		1.0	0.71	mg/L			03/25/21 10:56	1
Fluoride	0.027	J	0.10	0.026	mg/L			03/25/21 10:56	1
Sulfate	36		1.0	0.76	mg/L			03/25/21 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:40	1
Barium	0.10		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:40	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:40	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:40	1
Calcium	16		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:40	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:40	1
Cobalt	0.0015	J	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:40	1
Copper	0.0031		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:40	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:40	1
Nickel	0.0022		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:40	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:40	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:40	1
Zinc	0.015		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:40	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			03/21/21 12:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.28				SU			03/15/21 16:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-4

Lab Sample ID: 180-118541-4

Date Collected: 03/15/21 15:00

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.7		1.0	0.71	mg/L			03/25/21 11:14	1
Fluoride	0.046	J	0.10	0.026	mg/L			03/25/21 11:14	1
Sulfate	7.7		1.0	0.76	mg/L			03/25/21 11:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:44	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:44	1
Barium	0.13		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:44	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:44	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:44	1
Calcium	21		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:44	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:44	1
Cobalt	0.0073		0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:44	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:44	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:44	1
Nickel	0.0027		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:44	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:44	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:44	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:44	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:44	1
Zinc	0.044		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:44	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			03/21/21 12:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.00				SU			03/15/21 15:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-28

Lab Sample ID: 180-118541-5

Date Collected: 03/15/21 13:25

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/25/21 13:55	1
Fluoride	1.3	F1	0.10	0.026	mg/L			03/25/21 13:55	1
Sulfate	0.95	J	1.0	0.76	mg/L			03/25/21 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:48	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:48	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:48	1
Beryllium	0.00046	J	0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:48	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:48	1
Calcium	3.0		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:48	1
Chromium	0.0028		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:48	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:48	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:48	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:48	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:48	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:48	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:48	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:48	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:48	1
Zinc	0.0057		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	54		10	10	mg/L			03/21/21 12:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.09				SU			03/15/21 13:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWA-29

Lab Sample ID: 180-118541-6

Date Collected: 03/15/21 13:55

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/25/21 11:32	1
Fluoride	1.7		0.10	0.026	mg/L			03/25/21 11:32	1
Sulfate	6.8		1.0	0.76	mg/L			03/25/21 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00047	J	0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:51	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:51	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:51	1
Beryllium	0.0020	J	0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:51	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:51	1
Calcium	4.6		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:51	1
Chromium	0.021		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:51	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:51	1
Copper	0.0062		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:51	1
Lead	0.00013	J	0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:51	1
Nickel	0.0019		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:51	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:51	1
Silver	0.00085	J	0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:51	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:51	1
Vanadium	0.0017		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:51	1
Zinc	0.024		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:51	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	77		10	10	mg/L			03/21/21 12:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.51				SU			03/15/21 13:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-7

Lab Sample ID: 180-118541-7

Date Collected: 03/16/21 10:50

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.71	mg/L			03/25/21 10:21	1
Fluoride	0.21		0.10	0.026	mg/L			03/25/21 10:21	1
Sulfate	45		1.0	0.76	mg/L			03/25/21 10:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:55	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:55	1
Barium	0.066		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:55	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:55	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:55	1
Calcium	47		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:55	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:55	1
Cobalt	0.00057	J	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:55	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:55	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:55	1
Nickel	0.0067		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:55	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:55	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:55	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:55	1
Vanadium	0.0025		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:55	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:55	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	390		10	10	mg/L			03/23/21 12:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.50				SU			03/16/21 10:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-8

Lab Sample ID: 180-118541-8

Date Collected: 03/16/21 11:55

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.7		1.0	0.71	mg/L			03/25/21 16:00	1
Fluoride	0.044	J	0.10	0.026	mg/L			03/25/21 16:00	1
Sulfate	17		1.0	0.76	mg/L			03/25/21 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 13:58	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 13:58	1
Barium	0.037		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 13:58	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 13:58	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 13:58	1
Calcium	28		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 13:58	1
Chromium	0.0027		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 13:58	1
Cobalt	0.0052		0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:58	1
Copper	0.0010	J	0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 13:58	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 13:58	1
Nickel	0.0026		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 13:58	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 13:58	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 13:58	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 13:58	1
Vanadium	0.0014		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 13:58	1
Zinc	0.0045	J	0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 13:58	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			03/23/21 12:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			03/16/21 11:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-12

Lab Sample ID: 180-118541-9

Date Collected: 03/16/21 11:05

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27		1.0	0.71	mg/L			03/25/21 14:49	1
Fluoride	0.14		0.10	0.026	mg/L			03/25/21 14:49	1
Sulfate	29		1.0	0.76	mg/L			03/25/21 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 14:02	1
Arsenic	0.00041	J	0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 14:02	1
Barium	0.026		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 14:02	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 14:02	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 14:02	1
Calcium	52		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 14:02	1
Chromium	0.0022		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 14:02	1
Cobalt	0.0013	J	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 14:02	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 14:02	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 14:02	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 14:02	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 14:02	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 14:02	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 14:02	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 14:02	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 14:02	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	250		10	10	mg/L			03/23/21 12:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.62				SU			03/16/21 11:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-21

Lab Sample ID: 180-118541-10

Date Collected: 03/16/21 12:35

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.71	mg/L			03/25/21 17:30	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 17:30	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 10:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 10:40	1
Barium	0.061		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 10:40	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 10:40	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 10:40	1
Cadmium	0.00025 J		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 10:40	1
Calcium	6.0		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 10:40	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 10:40	1
Cobalt	0.0022 J		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 10:40	1
Copper	0.0012 J		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 10:40	1
Lead	0.00019 J		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 10:40	1
Nickel	0.00097 J		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 10:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 10:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 10:40	1
Thallium	0.00034 J		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 10:40	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 10:40	1
Zinc	0.0033 J		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 10:40	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	65		10	10	mg/L			03/23/21 12:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.47				SU			03/16/21 12:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-22

Lab Sample ID: 180-118541-11

Date Collected: 03/15/21 16:30

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			03/25/21 16:18	1
Fluoride	0.045	J	0.10	0.026	mg/L			03/25/21 16:18	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 10:54	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 10:54	1
Barium	0.025		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 10:54	1
Beryllium	0.00020	J	0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 10:54	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 10:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 10:54	1
Calcium	11		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 10:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 10:54	1
Cobalt	0.00013	J	0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 10:54	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 10:54	1
Lead	0.00025	J	0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 10:54	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 10:54	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 10:54	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 10:54	1
Thallium	0.00052	J	0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 10:54	1
Vanadium	0.0068		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 10:54	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 10:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	89		10	10	mg/L			03/21/21 12:36	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.78				SU			03/15/21 16:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-9

Lab Sample ID: 180-118541-12

Date Collected: 03/16/21 13:13

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			03/25/21 16:36	1
Fluoride	0.043	J	0.10	0.026	mg/L			03/25/21 16:36	1
Sulfate	9.2		1.0	0.76	mg/L			03/25/21 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 10:57	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 10:57	1
Barium	0.099		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 10:57	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 10:57	1
Boron	0.050	J	0.080	0.039	mg/L		03/25/21 12:15	03/30/21 10:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 10:57	1
Calcium	11		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 10:57	1
Chromium	0.0073		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 10:57	1
Cobalt	0.035		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 10:57	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 10:57	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 10:57	1
Nickel	0.012		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 10:57	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 10:57	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 10:57	1
Thallium	0.00017	J	0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 10:57	1
Vanadium	0.0011		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 10:57	1
Zinc	0.0048	J	0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 10:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			03/23/21 12:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.78				SU			03/16/21 13:13	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-31

Lab Sample ID: 180-118541-13

Date Collected: 03/16/21 10:50

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			03/25/21 17:12	1
Fluoride	1.3		0.10	0.026	mg/L			03/25/21 17:12	1
Sulfate	11		1.0	0.76	mg/L			03/25/21 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:00	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:00	1
Barium	0.0022	J	0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:00	1
Beryllium	0.00060	J	0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:00	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:00	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:00	1
Calcium	9.7		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:00	1
Chromium	0.0020		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:00	1
Cobalt	0.00013	J	0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:00	1
Copper	0.0029		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:00	1
Lead	0.00046	J	0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:00	1
Nickel	0.0014		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:00	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:00	1
Silver	0.00024	J	0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:00	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:00	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:00	1
Zinc	0.014		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:00	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.89				SU			03/16/21 10:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-34

Lab Sample ID: 180-118541-14

Date Collected: 03/16/21 12:15

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.1		1.0	0.71	mg/L			03/25/21 16:54	1
Fluoride	0.13		0.10	0.026	mg/L			03/25/21 16:54	1
Sulfate	1.3		1.0	0.76	mg/L			03/25/21 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:08	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:08	1
Barium	0.012		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:08	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:08	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:08	1
Calcium	3.0		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:08	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:08	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:08	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:08	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:08	1
Nickel	0.00059	J	0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:08	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:08	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:08	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:08	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	46		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.78				SU			03/16/21 12:15	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-35

Lab Sample ID: 180-118541-15

Date Collected: 03/16/21 13:15

Matrix: Ground Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.71	mg/L			03/25/21 13:37	1
Fluoride	0.030	J	0.10	0.026	mg/L			03/25/21 13:37	1
Sulfate	2.2		1.0	0.76	mg/L			03/25/21 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:11	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:11	1
Barium	0.020		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:11	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:11	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:11	1
Calcium	2.2		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:11	1
Cobalt	0.00026	J	0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:11	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:11	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:11	1
Nickel	0.0011		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:11	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:11	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:11	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:11	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:11	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:15	04/01/21 11:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.44				SU			03/16/21 13:15	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-1

Lab Sample ID: 180-118541-16

Date Collected: 03/15/21 15:30

Matrix: Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 13:19	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 13:19	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:14	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:14	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:14	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:14	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:14	1
Calcium	<0.13		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:14	1
Chromium	0.0043		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:14	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:14	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:14	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:14	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:14	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:14	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:14	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:14	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:14	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/21/21 12:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-1

Lab Sample ID: 180-118541-17

Date Collected: 03/15/21 00:00

Matrix: Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/25/21 15:07	1
Fluoride	1.3		0.10	0.026	mg/L			03/25/21 15:07	1
Sulfate	1.0		1.0	0.76	mg/L			03/25/21 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:16	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:16	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:16	1
Beryllium	0.00025	J	0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:16	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:16	1
Calcium	2.9		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:16	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:16	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:16	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:16	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:16	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:16	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:16	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:16	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:16	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:16	1
Zinc	0.0058		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:16	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	62		10	10	mg/L			03/21/21 12:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: FB-1

Lab Sample ID: 180-118541-18

Date Collected: 03/15/21 16:50

Matrix: Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 13:02	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 13:02	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:19	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:19	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:19	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:19	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:19	1
Calcium	<0.13		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:19	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:19	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:19	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:19	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:19	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:19	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:19	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:19	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:19	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:19	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/21/21 12:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: FB-2

Lab Sample ID: 180-118541-19

Date Collected: 03/16/21 12:20

Matrix: Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 12:44	1
Fluoride	0.038	J	0.10	0.026	mg/L			03/25/21 12:44	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		04/01/21 11:01	04/02/21 17:14	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		04/01/21 11:01	04/02/21 17:14	1
Barium	<0.0016		0.010	0.0016	mg/L		04/01/21 11:01	04/02/21 17:14	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		04/01/21 11:01	04/02/21 17:14	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		04/01/21 11:01	04/02/21 17:14	1
Calcium	<0.13		0.50	0.13	mg/L		04/01/21 11:01	04/02/21 17:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		04/01/21 11:01	04/02/21 17:14	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		04/01/21 11:01	04/02/21 17:14	1
Copper	<0.00063		0.0020	0.00063	mg/L		04/01/21 11:01	04/02/21 17:14	1
Lead	<0.00013		0.0010	0.00013	mg/L		04/01/21 11:01	04/02/21 17:14	1
Nickel	<0.00034		0.0010	0.00034	mg/L		04/01/21 11:01	04/02/21 17:14	1
Selenium	<0.0015		0.0050	0.0015	mg/L		04/01/21 11:01	04/02/21 17:14	1
Silver	<0.00018		0.0010	0.00018	mg/L		04/01/21 11:01	04/02/21 17:14	1
Thallium	0.00017	J	0.0010	0.00015	mg/L		04/01/21 11:01	04/02/21 17:14	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		04/01/21 11:01	04/02/21 17:14	1
Zinc	<0.0032		0.0050	0.0032	mg/L		04/01/21 11:01	04/02/21 17:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:44	1

General Chemistry

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-2

Lab Sample ID: 180-118541-20

Date Collected: 03/16/21 14:00

Matrix: Water

Date Received: 03/17/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 12:26	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 12:26	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 11:25	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 11:25	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 11:25	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 11:25	1
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 11:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 11:25	1
Calcium	<0.13		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 11:25	1
Chromium	0.0024		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 11:25	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 11:25	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 11:25	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 11:25	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 11:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 11:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 11:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 11:25	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 11:25	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 11:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:44	1

General Chemistry

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-19

Lab Sample ID: 180-118713-1

Date Collected: 03/17/21 14:47

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			03/30/21 21:57	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 21:57	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 21:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:20	1
Arsenic	0.00031	J	0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:20	1
Barium	0.12		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:20	1
Beryllium	0.00046	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:20	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:20	1
Calcium	9.6		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:20	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:20	1
Cobalt	0.00038	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:20	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:20	1
Lead	0.00017	J	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:20	1
Nickel	0.0010		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:20	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:20	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:20	1
Thallium	0.00033	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:20	1
Vanadium	0.0010		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:20	1
Zinc	0.0056		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	67		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.95				SU			03/17/21 14:47	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-23

Lab Sample ID: 180-118713-3

Date Collected: 03/18/21 11:45

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			03/30/21 22:15	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 22:15	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:33	1
Arsenic	0.00038	J	0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:33	1
Barium	0.0050	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:33	1
Beryllium	0.00052	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:33	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:33	1
Calcium	3.5		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:33	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:33	1
Cobalt	0.00024	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:33	1
Copper	0.00066	J	0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:33	1
Lead	0.00029	J	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:33	1
Nickel	0.00052	J	0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:33	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:33	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:33	1
Thallium	0.00051	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:33	1
Vanadium	0.0010		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:33	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:33	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	29		10	10	mg/L			03/25/21 16:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.02				SU			03/18/21 11:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-24

Lab Sample ID: 180-118713-4

Date Collected: 03/18/21 10:50

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.4		1.0	0.71	mg/L			03/30/21 22:33	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 22:33	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:36	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:36	1
Barium	0.0099	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:36	1
Beryllium	0.00024	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:36	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:36	1
Calcium	0.18	J	0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:36	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:36	1
Cobalt	0.0028		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:36	1
Copper	0.0022		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:36	1
Lead	0.00022	J	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:36	1
Nickel	0.0017		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:36	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:36	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:36	1
Thallium	0.00025	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:36	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:36	1
Zinc	0.0064		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:36	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	20		10	10	mg/L			03/25/21 16:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.16				SU			03/18/21 10:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-25

Lab Sample ID: 180-118713-5

Date Collected: 03/17/21 13:20

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9		1.0	0.71	mg/L			03/30/21 21:04	1
Fluoride	0.030	J	0.10	0.026	mg/L			03/30/21 21:04	1
Sulfate	7.2		1.0	0.76	mg/L			03/30/21 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:53	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:53	1
Barium	0.029		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:53	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:53	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:53	1
Calcium	7.1		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:53	1
Cobalt	0.0040		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:53	1
Copper	0.0018	J	0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:53	1
Lead	0.00013	J	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:53	1
Nickel	0.0053		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:53	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:53	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:53	1
Thallium	0.00015	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:53	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:53	1
Zinc	0.0088		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	56		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.97				SU			03/17/21 13:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-26

Lab Sample ID: 180-118713-6

Date Collected: 03/17/21 12:05

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	0.71	mg/L			03/31/21 01:14	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 01:14	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:56	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:56	1
Barium	0.035		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:56	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:56	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:56	1
Calcium	2.1		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:56	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:56	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:56	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:56	1
Nickel	0.0014		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:56	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:56	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:56	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:56	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:56	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	35		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.61				SU			03/17/21 12:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-27

Lab Sample ID: 180-118713-7

Date Collected: 03/18/21 13:14

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/31/21 17:37	1
Fluoride	0.72		0.10	0.026	mg/L			03/31/21 17:37	1
Sulfate	2.3		1.0	0.76	mg/L			03/31/21 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:59	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:59	1
Barium	0.016		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:59	1
Beryllium	0.0043		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:59	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:59	1
Calcium	3.1		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:59	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:59	1
Cobalt	0.0017	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:59	1
Copper	0.00066	J	0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:59	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:59	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:59	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:59	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:59	1
Thallium	0.00021	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:59	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:59	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:59	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	34		10	10	mg/L			03/25/21 16:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.39				SU			03/18/21 13:14	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-30

Lab Sample ID: 180-118713-8

Date Collected: 03/18/21 12:20

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			03/31/21 06:35	1
Fluoride	0.072	J	0.10	0.026	mg/L			03/31/21 06:35	1
Sulfate	1.1		1.0	0.76	mg/L			03/31/21 06:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:01	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:01	1
Barium	0.0083	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:01	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:01	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:01	1
Calcium	3.9		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:01	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:01	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:01	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:01	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:01	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:01	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:01	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:01	1
Vanadium	0.0014		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:01	1
Zinc	0.078		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	49		10	10	mg/L			03/25/21 16:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.77				SU			03/18/21 12:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-32

Lab Sample ID: 180-118713-9

Date Collected: 03/17/21 11:00

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/31/21 09:09	1
Fluoride	2.3	F1	0.10	0.026	mg/L			03/31/21 09:09	1
Sulfate	9.1	F1	1.0	0.76	mg/L			03/31/21 09:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:04	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:04	1
Barium	0.0031	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:04	1
Beryllium	0.0013	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:04	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:04	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:04	1
Calcium	8.5		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:04	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:04	1
Cobalt	0.00021	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:04	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:04	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:04	1
Nickel	0.00082	J	0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:04	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:04	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:04	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:04	1
Vanadium	0.0011		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:04	1
Zinc	0.081		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:04	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	79		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.14				SU			03/17/21 11:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-33

Lab Sample ID: 180-118713-10

Date Collected: 03/18/21 10:25

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			03/30/21 23:26	1
Fluoride	2.1		0.10	0.026	mg/L			03/30/21 23:26	1
Sulfate	9.1		1.0	0.76	mg/L			03/30/21 23:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:07	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:07	1
Barium	0.0060	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:07	1
Beryllium	0.00020	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:07	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:07	1
Calcium	17		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:07	1
Cobalt	0.00015	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:07	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:07	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:07	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:07	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:07	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:07	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:07	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:07	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	93	H	10	10	mg/L			03/26/21 18:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.41				SU			03/18/21 10:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-3

Lab Sample ID: 180-118713-11

Date Collected: 03/17/21 15:10

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			04/01/21 14:42	1
Fluoride	0.032	J	0.10	0.026	mg/L			04/01/21 14:42	1
Sulfate	<0.76		1.0	0.76	mg/L			04/01/21 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:50	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:50	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:50	1
Beryllium	0.00020	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:50	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:50	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:50	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:50	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:50	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:50	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:50	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:50	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:50	1
Thallium	0.00018	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:50	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:50	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:50	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:46	1

General Chemistry

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-5

Lab Sample ID: 180-118713-12

Date Collected: 03/17/21 13:20

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.7		1.0	0.71	mg/L			03/30/21 23:44	1
Fluoride	0.094	J	0.10	0.026	mg/L			03/30/21 23:44	1
Sulfate	26		1.0	0.76	mg/L			03/30/21 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:10	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:10	1
Barium	0.021		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:10	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:10	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:10	1
Calcium	34		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:10	1
Chromium	0.0015	J	0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:10	1
Cobalt	0.0042		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:10	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:10	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:10	1
Nickel	0.0035		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:10	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:10	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:10	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:10	1
Vanadium	0.0025		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:10	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:10	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	180		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.62				SU			03/17/21 13:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-6

Lab Sample ID: 180-118713-13

Date Collected: 03/17/21 11:37

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.8		1.0	0.71	mg/L			03/31/21 00:02	1
Fluoride	0.073	J	0.10	0.026	mg/L			03/31/21 00:02	1
Sulfate	12		1.0	0.76	mg/L			03/31/21 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:13	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:13	1
Barium	0.059		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:13	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:13	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:13	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:13	1
Calcium	15		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:13	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:13	1
Cobalt	0.015		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:13	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:13	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:13	1
Nickel	0.0060		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:13	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:13	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:13	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:13	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:13	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:13	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.10				SU			03/17/21 11:37	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-10

Lab Sample ID: 180-118713-15

Date Collected: 03/18/21 11:40

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.71	mg/L			03/31/21 00:20	1
Fluoride	1.1		0.10	0.026	mg/L			03/31/21 00:20	1
Sulfate	11		1.0	0.76	mg/L			03/31/21 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:21	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:21	1
Barium	0.013		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:21	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:21	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:21	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:21	1
Calcium	19		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:21	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:21	1
Cobalt	0.0018	J	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:21	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:21	1
Lead	0.00013	J	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:21	1
Nickel	0.00097	J	0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:21	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:21	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:21	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:21	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:21	1
Zinc	0.0040	J	0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:21	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013	F1	0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		10	10	mg/L			03/25/21 16:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.13				SU			03/18/21 11:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-11

Lab Sample ID: 180-118713-16

Date Collected: 03/17/21 12:07

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.71	mg/L			03/31/21 00:38	1
Fluoride	0.080	J	0.10	0.026	mg/L			03/31/21 00:38	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:24	1
Arsenic	0.0012		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:24	1
Barium	0.26		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:24	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:24	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:24	1
Calcium	13		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:24	1
Chromium	0.0016	J	0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:24	1
Cobalt	0.0034		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:24	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:24	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:24	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:24	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:24	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:24	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:24	1
Vanadium	0.0029		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:24	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:24	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.23				SU			03/17/21 12:07	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-13

Lab Sample ID: 180-118713-17

Date Collected: 03/17/21 14:12

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			03/31/21 12:58	1
Fluoride	0.10		0.10	0.026	mg/L			03/31/21 12:58	1
Sulfate	2.5		1.0	0.76	mg/L			03/31/21 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00075	J	0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:27	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:27	1
Barium	0.0039	J	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:27	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:27	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:27	1
Calcium	4.4		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:27	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:27	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:27	1
Copper	0.00064	J	0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:27	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:27	1
Nickel	0.00066	J	0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:27	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:27	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:27	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:27	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:27	1
Zinc	0.0039	J	0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:27	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	42		10	10	mg/L			03/24/21 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.19				SU			03/17/21 14:12	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-14

Lab Sample ID: 180-118713-18

Date Collected: 03/17/21 16:35

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		1.0	0.71	mg/L			03/31/21 13:45	1
Fluoride	0.036	J	0.10	0.026	mg/L			03/31/21 13:45	1
Sulfate	16		1.0	0.76	mg/L			03/31/21 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:29	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:29	1
Barium	0.26		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:29	1
Beryllium	0.00074	J	0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:29	1
Boron	1.0		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:29	1
Cadmium	0.00043	J	0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:29	1
Calcium	38		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:29	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:29	1
Cobalt	0.15		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:29	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:29	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:29	1
Nickel	0.018		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:29	1
Selenium	0.0025	J	0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:29	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:29	1
Thallium	0.00043	J	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:29	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:29	1
Zinc	0.014		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:29	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	430		10	10	mg/L			03/24/21 22:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.31				SU			03/17/21 16:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-15

Lab Sample ID: 180-118713-19

Date Collected: 03/18/21 11:05

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.3		1.0	0.71	mg/L			03/31/21 00:56	1
Fluoride	0.073	J	0.10	0.026	mg/L			03/31/21 00:56	1
Sulfate	1.7		1.0	0.76	mg/L			03/31/21 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:32	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:32	1
Barium	0.011		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:32	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:32	1
Boron	0.071	J	0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:32	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:32	1
Calcium	12		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:32	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:32	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:32	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:32	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:32	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:32	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:32	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:32	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:32	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:32	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:32	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	86		10	10	mg/L			03/25/21 17:00	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.92				SU			03/18/21 11:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-16

Lab Sample ID: 180-118713-20

Date Collected: 03/17/21 14:25

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.71	mg/L			03/31/21 14:21	1
Fluoride	0.031	J	0.10	0.026	mg/L			03/31/21 14:21	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:35	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:35	1
Barium	0.017		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:35	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:35	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:35	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:35	1
Calcium	7.3		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:35	1
Chromium	0.0027		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:35	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:35	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:35	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:35	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:35	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:35	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:35	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:35	1
Vanadium	0.0040		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:35	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:35	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	91		10	10	mg/L			03/24/21 22:59	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.16				SU			03/17/21 14:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-17

Lab Sample ID: 180-118713-21

Date Collected: 03/16/21 13:50

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			03/31/21 02:07	1
Fluoride	0.034	J	0.10	0.026	mg/L			03/31/21 02:07	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:38	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:38	1
Barium	0.015		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:38	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:38	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:38	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:38	1
Calcium	7.9		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:38	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:38	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:38	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:38	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:38	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:38	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:38	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:38	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:38	1
Vanadium	0.0023		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:38	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:38	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	99		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			03/16/21 13:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-18

Lab Sample ID: 180-118713-22

Date Collected: 03/16/21 15:05

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			03/31/21 03:01	1
Fluoride	0.029	J	0.10	0.026	mg/L			03/31/21 03:01	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 13:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 13:40	1
Barium	0.038		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 13:40	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 13:40	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 13:40	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 13:40	1
Calcium	7.8		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 13:40	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 13:40	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 13:40	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 13:40	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 13:40	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 13:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 13:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 13:40	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 13:40	1
Vanadium	0.0017		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 13:40	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 13:40	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	93		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.02				SU			03/16/21 15:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: GWC-20

Lab Sample ID: 180-118713-23

Date Collected: 03/16/21 15:10

Matrix: Ground Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			03/31/21 03:19	1
Fluoride	0.031	J	0.10	0.026	mg/L			03/31/21 03:19	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 13:54	1
Arsenic	0.00039	J	0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 13:54	1
Barium	0.032		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 13:54	1
Beryllium	0.00041	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 13:54	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 13:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 13:54	1
Calcium	8.9		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 13:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 13:54	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 13:54	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 13:54	1
Lead	0.00014	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 13:54	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 13:54	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 13:54	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 13:54	1
Thallium	0.00035	J	0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 13:54	1
Vanadium	0.0019		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 13:54	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 13:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.33				SU			03/16/21 15:10	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: EB-4

Lab Sample ID: 180-118713-24

Date Collected: 03/18/21 12:05

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 12:09	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 12:09	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:19	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:19	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:19	1
Beryllium	0.00019	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:19	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:19	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:19	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:19	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:19	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:19	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:19	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:19	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:19	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:19	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:19	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:19	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/25/21 17:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-2
Date Collected: 03/16/21 00:00
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118713-25
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.71	mg/L			03/31/21 03:37	1
Fluoride	0.034	J	0.10	0.026	mg/L			03/31/21 03:37	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 03:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:08	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:08	1
Barium	0.017		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:08	1
Beryllium	0.00056	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:08	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:08	1
Calcium	8.2		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:08	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:08	1
Cobalt	0.00014	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:08	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:08	1
Lead	0.00019	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:08	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:08	1
Thallium	0.00046	J	0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:08	1
Vanadium	0.0029		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:08	1
Zinc	0.0051		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:08	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	76	H	10	10	mg/L			03/24/21 19:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-3

Lab Sample ID: 180-118713-26

Date Collected: 03/17/21 00:00

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8		1.0	0.71	mg/L			03/31/21 03:54	1
Fluoride	0.079	J	0.10	0.026	mg/L			03/31/21 03:54	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:11	1
Arsenic	0.0014		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:11	1
Barium	0.28		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:11	1
Beryllium	0.00033	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:11	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:11	1
Calcium	13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:11	1
Chromium	0.0018	J	0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:11	1
Cobalt	0.0035		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:11	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:11	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:11	1
Nickel	0.00042	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:11	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:11	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:11	1
Thallium	0.00018	J	0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:11	1
Vanadium	0.0030		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:11	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			03/24/21 22:59	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: Dup-4

Lab Sample ID: 180-118713-27

Date Collected: 03/18/21 00:00

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			03/30/21 20:10	1
Fluoride	0.073	J	0.10	0.026	mg/L			03/30/21 20:10	1
Sulfate	1.2		1.0	0.76	mg/L			03/30/21 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:28	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:28	1
Barium	0.0082	J	0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:28	1
Beryllium	0.00018	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:28	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:28	1
Calcium	3.8		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:28	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:28	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:28	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:28	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:28	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:28	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:28	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:28	1
Vanadium	0.0011		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:28	1
Zinc	0.073		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	38		10	10	mg/L			03/25/21 17:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: FB-3

Lab Sample ID: 180-118713-28

Date Collected: 03/17/21 14:40

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/30/21 19:52	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 19:52	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:22	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:22	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:22	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:22	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:22	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:22	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:22	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:22	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:22	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:22	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:22	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:22	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:22	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:22	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:22	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:22	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/24/21 22:59	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Client Sample ID: FB-4

Lab Sample ID: 180-118713-29

Date Collected: 03/18/21 12:00

Matrix: Water

Date Received: 03/19/21 08:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/30/21 16:53	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 16:53	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:25	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:25	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:25	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:25	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:25	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:25	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:25	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:25	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:25	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:25	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:25	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:25	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/25/21 17:00	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: MB 180-350704/6
Matrix: Water
Analysis Batch: 350704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 07:56	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 07:56	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 07:56	1

Lab Sample ID: LCS 180-350704/5
Matrix: Water
Analysis Batch: 350704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.0		mg/L		102	90 - 110
Fluoride	2.50	2.53		mg/L		101	90 - 110
Sulfate	50.0	52.2		mg/L		104	90 - 110

Lab Sample ID: 180-118541-1 MS
Matrix: Ground Water
Analysis Batch: 350704

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.2		50.0	52.5		mg/L		101	90 - 110
Fluoride	0.036	J	2.50	2.47		mg/L		97	90 - 110
Sulfate	<0.76		50.0	50.9		mg/L		102	90 - 110

Lab Sample ID: 180-118541-1 MSD
Matrix: Ground Water
Analysis Batch: 350704

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2.2		50.0	51.2		mg/L		98	90 - 110	3	20
Fluoride	0.036	J	2.50	2.45		mg/L		96	90 - 110	1	20
Sulfate	<0.76		50.0	49.7		mg/L		99	90 - 110	2	20

Lab Sample ID: MB 180-350706/6
Matrix: Water
Analysis Batch: 350706

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/25/21 08:09	1
Fluoride	<0.026		0.10	0.026	mg/L			03/25/21 08:09	1
Sulfate	<0.76		1.0	0.76	mg/L			03/25/21 08:09	1

Lab Sample ID: LCS 180-350706/5
Matrix: Water
Analysis Batch: 350706

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.9		mg/L		106	90 - 110
Fluoride	2.50	2.51		mg/L		101	90 - 110
Sulfate	50.0	52.9		mg/L		106	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118541-2 MS
Matrix: Ground Water
Analysis Batch: 350706

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	4.0		50.0	52.1		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.29		mg/L		92	90 - 110
Sulfate	1.5		50.0	49.2		mg/L		95	90 - 110

Lab Sample ID: 180-118541-2 MSD
Matrix: Ground Water
Analysis Batch: 350706

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	4.0		50.0	53.7		mg/L		99	90 - 110	3	20
Fluoride	<0.026		2.50	2.37		mg/L		95	90 - 110	3	20
Sulfate	1.5		50.0	50.8		mg/L		99	90 - 110	3	20

Lab Sample ID: 180-118541-5 MS
Matrix: Ground Water
Analysis Batch: 350706

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	1.2		50.0	50.1		mg/L		98	90 - 110
Fluoride	1.3	F1	2.50	3.50	F1	mg/L		88	90 - 110
Sulfate	0.95	J	50.0	49.3		mg/L		97	90 - 110

Lab Sample ID: 180-118541-5 MSD
Matrix: Ground Water
Analysis Batch: 350706

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	1.2		50.0	49.7		mg/L		97	90 - 110	1	20
Fluoride	1.3	F1	2.50	3.47	F1	mg/L		86	90 - 110	1	20
Sulfate	0.95	J	50.0	48.6		mg/L		95	90 - 110	1	20

Lab Sample ID: MB 180-351162/45
Matrix: Water
Analysis Batch: 351162

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/30/21 20:46	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 20:46	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 20:46	1

Lab Sample ID: MB 180-351162/6
Matrix: Water
Analysis Batch: 351162

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/30/21 09:09	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 09:09	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 09:09	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: MB 180-351162/77
Matrix: Water
Analysis Batch: 351162

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 06:17	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 06:17	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 06:17	1

Lab Sample ID: LCS 180-351162/44
Matrix: Water
Analysis Batch: 351162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.7		mg/L		107	90 - 110
Fluoride	2.50	2.57		mg/L		103	90 - 110
Sulfate	50.0	53.6		mg/L		107	90 - 110

Lab Sample ID: LCS 180-351162/5
Matrix: Water
Analysis Batch: 351162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.7		mg/L		107	90 - 110
Fluoride	2.50	2.60		mg/L		104	90 - 110
Sulfate	50.0	54.0		mg/L		108	90 - 110

Lab Sample ID: LCS 180-351162/76
Matrix: Water
Analysis Batch: 351162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.0		mg/L		104	90 - 110
Fluoride	2.50	2.50		mg/L		100	90 - 110
Sulfate	50.0	51.8		mg/L		104	90 - 110

Lab Sample ID: 180-118713-5 MS
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.9		50.0	54.4		mg/L		97	90 - 110
Fluoride	0.030	J	2.50	2.41		mg/L		95	90 - 110
Sulfate	7.2		50.0	55.3		mg/L		96	90 - 110

Lab Sample ID: 180-118713-5 MSD
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5.9		50.0	54.3		mg/L		97	90 - 110	0	20
Fluoride	0.030	J	2.50	2.39		mg/L		94	90 - 110	1	20
Sulfate	7.2		50.0	54.9		mg/L		95	90 - 110	1	20

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-6 MS
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-26
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3.0		50.0	51.1		mg/L		96	90 - 110
Fluoride	<0.026		2.50	2.34		mg/L		94	90 - 110
Sulfate	<0.76		50.0	47.9		mg/L		96	90 - 110

Lab Sample ID: 180-118713-6 MSD
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-26
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3.0		50.0	51.6		mg/L		97	90 - 110	1	20
Fluoride	<0.026		2.50	2.37		mg/L		95	90 - 110	1	20
Sulfate	<0.76		50.0	48.5		mg/L		97	90 - 110	1	20

Lab Sample ID: 180-118713-8 MS
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-30
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.4		50.0	51.2		mg/L		100	90 - 110
Fluoride	0.072	J	2.50	2.49		mg/L		97	90 - 110
Sulfate	1.1		50.0	50.3		mg/L		98	90 - 110

Lab Sample ID: 180-118713-8 MSD
Matrix: Ground Water
Analysis Batch: 351162

Client Sample ID: GWC-30
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		50.0	51.3		mg/L		100	90 - 110	0	20
Fluoride	0.072	J	2.50	2.48		mg/L		96	90 - 110	0	20
Sulfate	1.1		50.0	50.3		mg/L		98	90 - 110	0	20

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

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

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

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

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

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

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-9 MS
Matrix: Ground Water
Analysis Batch: 351343

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.2		50.0	47.6		mg/L		93	90 - 110
Fluoride	2.3	F1	2.50	4.01	F1	mg/L		69	90 - 110
Sulfate	9.1	F1	50.0	52.7	F1	mg/L		87	90 - 110

Lab Sample ID: 180-118713-9 MSD
Matrix: Ground Water
Analysis Batch: 351343

Client Sample ID: 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	1.2		50.0	47.7		mg/L		93	90 - 110	0	20
Fluoride	2.3	F1	2.50	4.07	F1	mg/L		71	90 - 110	1	20
Sulfate	9.1	F1	50.0	54.3		mg/L		90	90 - 110	3	20

Lab Sample ID: 180-118713-17 MS
Matrix: Ground Water
Analysis Batch: 351343

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.4		50.0	51.7		mg/L		101	90 - 110
Fluoride	0.10		2.50	2.45		mg/L		94	90 - 110
Sulfate	2.5		50.0	51.8		mg/L		98	90 - 110

Lab Sample ID: 180-118713-17 MSD
Matrix: Ground Water
Analysis Batch: 351343

Client Sample ID: GWC-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	1.4		50.0	50.7		mg/L		99	90 - 110	2	20
Fluoride	0.10		2.50	2.51		mg/L		96	90 - 110	2	20
Sulfate	2.5		50.0	50.9		mg/L		97	90 - 110	2	20

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

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

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

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

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

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

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-20 MS
Matrix: Ground Water
Analysis Batch: 351345

Client Sample ID: GWC-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.6		50.0	52.0		mg/L		101	90 - 110
Fluoride	0.031	J	2.50	2.46		mg/L		97	90 - 110
Sulfate	<0.76		50.0	49.8		mg/L		100	90 - 110

Lab Sample ID: 180-118713-20 MSD
Matrix: Ground Water
Analysis Batch: 351345

Client Sample ID: GWC-16
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		50.0	50.5		mg/L		98	90 - 110	3	20
Fluoride	0.031	J	2.50	2.39		mg/L		94	90 - 110	3	20
Sulfate	<0.76		50.0	48.7		mg/L		97	90 - 110	2	20

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

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

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

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

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

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

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

Lab Sample ID: MB 180-350752/1-A
Matrix: Water
Analysis Batch: 350954

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:13	03/26/21 11:45	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:13	03/26/21 11:45	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:13	03/26/21 11:45	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:13	03/26/21 11:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:13	03/26/21 11:45	1
Calcium	<0.13		0.50	0.13	mg/L		03/25/21 12:13	03/26/21 11:45	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:13	03/26/21 11:45	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 11:45	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:13	03/26/21 11:45	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:13	03/26/21 11:45	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:13	03/26/21 11:45	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:13	03/26/21 11:45	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: MB 180-350752/1-A
Matrix: Water
Analysis Batch: 350954

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:13	03/26/21 11:45	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:13	03/26/21 11:45	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:13	03/26/21 11:45	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:13	03/26/21 11:45	1

Lab Sample ID: MB 180-350752/1-A
Matrix: Water
Analysis Batch: 351061

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:13	03/27/21 13:25	1

Lab Sample ID: LCS 180-350752/2-A
Matrix: Water
Analysis Batch: 350954

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 350752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.241		mg/L		97	80 - 120
Arsenic	1.00	0.956		mg/L		96	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.494		mg/L		99	80 - 120
Cadmium	0.500	0.513		mg/L		103	80 - 120
Calcium	25.0	28.8		mg/L		115	80 - 120
Chromium	0.500	0.520		mg/L		104	80 - 120
Cobalt	0.500	0.486		mg/L		97	80 - 120
Copper	0.500	0.488		mg/L		98	80 - 120
Lead	0.500	0.505		mg/L		101	80 - 120
Nickel	0.500	0.477		mg/L		95	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.250	0.239		mg/L		96	80 - 120
Thallium	1.00	1.04		mg/L		104	80 - 120
Vanadium	0.500	0.516		mg/L		103	80 - 120
Zinc	0.250	0.244		mg/L		98	80 - 120

Lab Sample ID: LCS 180-350752/2-A
Matrix: Water
Analysis Batch: 351061

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 350752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1.25	1.15		mg/L		92	80 - 120

Lab Sample ID: MB 180-350753/1-A
Matrix: Water
Analysis Batch: 351300

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/25/21 12:15	03/30/21 10:35	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/25/21 12:15	03/30/21 10:35	1
Barium	<0.0016		0.010	0.0016	mg/L		03/25/21 12:15	03/30/21 10:35	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/25/21 12:15	03/30/21 10:35	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: MB 180-350753/1-A
Matrix: Water
Analysis Batch: 351300

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.039		0.080	0.039	mg/L		03/25/21 12:15	03/30/21 10:35	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 10:35	1
Calcium	<0.13		0.50	0.13	mg/L		03/25/21 12:15	03/30/21 10:35	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/25/21 12:15	03/30/21 10:35	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 10:35	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 10:35	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 10:35	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/25/21 12:15	03/30/21 10:35	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/25/21 12:15	03/30/21 10:35	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/25/21 12:15	03/30/21 10:35	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/25/21 12:15	03/30/21 10:35	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/25/21 12:15	03/30/21 10:35	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/25/21 12:15	03/30/21 10:35	1

Lab Sample ID: LCS 180-350753/2-A
Matrix: Water
Analysis Batch: 351300

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.238		mg/L		95	80 - 120
Arsenic	1.00	0.976		mg/L		98	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Beryllium	0.500	0.450		mg/L		90	80 - 120
Boron	1.25	1.24		mg/L		99	80 - 120
Cadmium	0.500	0.514		mg/L		103	80 - 120
Calcium	25.0	26.3		mg/L		105	80 - 120
Chromium	0.500	0.489		mg/L		98	80 - 120
Cobalt	0.500	0.486		mg/L		97	80 - 120
Copper	0.500	0.481		mg/L		96	80 - 120
Lead	0.500	0.490		mg/L		98	80 - 120
Nickel	0.500	0.477		mg/L		95	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	0.250	0.235		mg/L		94	80 - 120
Thallium	1.00	1.01		mg/L		101	80 - 120
Vanadium	0.500	0.494		mg/L		99	80 - 120
Zinc	0.250	0.237		mg/L		95	80 - 120

Lab Sample ID: 180-118541-10 MS
Matrix: Ground Water
Analysis Batch: 351300

Client Sample ID: GWC-21
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00038		0.250	0.232		mg/L		93	75 - 125
Arsenic	<0.00031		1.00	0.957		mg/L		96	75 - 125
Barium	0.061		1.00	1.05		mg/L		99	75 - 125
Beryllium	<0.00018		0.500	0.441		mg/L		88	75 - 125
Boron	<0.039		1.25	1.24		mg/L		99	75 - 125
Cadmium	0.00025	J	0.500	0.493		mg/L		99	75 - 125
Calcium	6.0		25.0	31.2		mg/L		101	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118541-10 MS
Matrix: Ground Water
Analysis Batch: 351300

Client Sample ID: GWC-21
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	<0.0015		0.500	0.486		mg/L		97	75 - 125
Cobalt	0.0022	J	0.500	0.475		mg/L		95	75 - 125
Copper	0.0012	J	0.500	0.470		mg/L		94	75 - 125
Lead	0.00019	J	0.500	0.491		mg/L		98	75 - 125
Nickel	0.00097	J	0.500	0.461		mg/L		92	75 - 125
Selenium	<0.0015		1.00	1.02		mg/L		102	75 - 125
Silver	<0.00018		0.250	0.230		mg/L		92	75 - 125
Thallium	0.00034	J	1.00	1.00		mg/L		100	75 - 125
Vanadium	<0.00099		0.500	0.484		mg/L		97	75 - 125
Zinc	0.0033	J	0.250	0.234		mg/L		92	75 - 125

Lab Sample ID: 180-118541-10 MSD
Matrix: Ground Water
Analysis Batch: 351300

Client Sample ID: GWC-21
Prep Type: Total Recoverable
Prep Batch: 350753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00038		0.250	0.239		mg/L		96	75 - 125	3	20
Arsenic	<0.00031		1.00	1.00		mg/L		100	75 - 125	5	20
Barium	0.061		1.00	1.06		mg/L		100	75 - 125	1	20
Beryllium	<0.00018		0.500	0.448		mg/L		90	75 - 125	1	20
Boron	<0.039		1.25	1.25		mg/L		100	75 - 125	0	20
Cadmium	0.00025	J	0.500	0.511		mg/L		102	75 - 125	4	20
Calcium	6.0		25.0	32.0		mg/L		104	75 - 125	2	20
Chromium	<0.0015		0.500	0.490		mg/L		98	75 - 125	1	20
Cobalt	0.0022	J	0.500	0.499		mg/L		99	75 - 125	5	20
Copper	0.0012	J	0.500	0.494		mg/L		99	75 - 125	5	20
Lead	0.00019	J	0.500	0.497		mg/L		99	75 - 125	1	20
Nickel	0.00097	J	0.500	0.489		mg/L		98	75 - 125	6	20
Selenium	<0.0015		1.00	1.02		mg/L		102	75 - 125	0	20
Silver	<0.00018		0.250	0.244		mg/L		97	75 - 125	6	20
Thallium	0.00034	J	1.00	1.02		mg/L		102	75 - 125	2	20
Vanadium	<0.00099		0.500	0.496		mg/L		99	75 - 125	3	20
Zinc	0.0033	J	0.250	0.247		mg/L		98	75 - 125	6	20

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 13:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 13:49	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 13:49	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 13:49	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 13:49	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 13:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 13:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 13:49	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

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

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

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

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

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

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

Lab Sample ID: 180-118713-23 MS
Matrix: Ground Water
Analysis Batch: 351633

Client Sample ID: GWC-20
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00038		0.250	0.236		mg/L		94	75 - 125
Arsenic	0.00039	J	1.00	0.986		mg/L		99	75 - 125
Barium	0.032		1.00	1.04		mg/L		100	75 - 125
Beryllium	0.00041	J	0.500	0.454		mg/L		91	75 - 125
Boron	<0.039		1.25	1.09		mg/L		87	75 - 125
Cadmium	<0.00022		0.500	0.503		mg/L		101	75 - 125
Calcium	8.9		25.0	34.1		mg/L		101	75 - 125
Chromium	<0.0015		0.500	0.484		mg/L		97	75 - 125
Cobalt	<0.00013		0.500	0.499		mg/L		100	75 - 125
Copper	<0.00063		0.500	0.492		mg/L		98	75 - 125
Lead	0.00014	J	0.500	0.490		mg/L		98	75 - 125
Nickel	<0.00034		0.500	0.488		mg/L		98	75 - 125
Selenium	<0.0015		1.00	0.978		mg/L		98	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-23 MS
Matrix: Ground Water
Analysis Batch: 351633

Client Sample ID: GWC-20
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	<0.00018		0.250	0.243		mg/L		97	75 - 125
Thallium	0.00035	J	1.00	0.999		mg/L		100	75 - 125
Vanadium	0.0019		0.500	0.489		mg/L		97	75 - 125
Zinc	<0.0032		0.250	0.231		mg/L		92	75 - 125

Lab Sample ID: 180-118713-23 MSD
Matrix: Ground Water
Analysis Batch: 351633

Client Sample ID: GWC-20
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00038		0.250	0.232		mg/L		93	75 - 125	1	20
Arsenic	0.00039	J	1.00	0.974		mg/L		97	75 - 125	1	20
Barium	0.032		1.00	1.02		mg/L		99	75 - 125	1	20
Beryllium	0.00041	J	0.500	0.435		mg/L		87	75 - 125	4	20
Boron	<0.039		1.25	1.05		mg/L		84	75 - 125	4	20
Cadmium	<0.00022		0.500	0.496		mg/L		99	75 - 125	1	20
Calcium	8.9		25.0	34.8		mg/L		103	75 - 125	2	20
Chromium	<0.0015		0.500	0.488		mg/L		98	75 - 125	1	20
Cobalt	<0.00013		0.500	0.496		mg/L		99	75 - 125	1	20
Copper	<0.00063		0.500	0.487		mg/L		97	75 - 125	1	20
Lead	0.00014	J	0.500	0.491		mg/L		98	75 - 125	0	20
Nickel	<0.00034		0.500	0.485		mg/L		97	75 - 125	0	20
Selenium	<0.0015		1.00	0.975		mg/L		98	75 - 125	0	20
Silver	<0.00018		0.250	0.244		mg/L		98	75 - 125	0	20
Thallium	0.00035	J	1.00	1.02		mg/L		102	75 - 125	2	20
Vanadium	0.0019		0.500	0.492		mg/L		98	75 - 125	1	20
Zinc	<0.0032		0.250	0.233		mg/L		93	75 - 125	1	20

Lab Sample ID: MB 180-351413/1-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:16	04/01/21 12:14	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:14	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:14	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:16	04/01/21 12:14	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:16	04/01/21 12:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:16	04/01/21 12:14	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:16	04/01/21 12:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:16	04/01/21 12:14	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:14	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:14	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:14	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:16	04/01/21 12:14	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:16	04/01/21 12:14	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:16	04/01/21 12:14	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:14	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:14	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: MB 180-351413/1-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351413

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:16	04/01/21 12:14	1

Lab Sample ID: LCS 180-351413/2-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 351413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.221		mg/L		88	80 - 120
Arsenic	1.00	0.933		mg/L		93	80 - 120
Barium	1.00	0.934		mg/L		93	80 - 120
Beryllium	0.500	0.440		mg/L		88	80 - 120
Boron	1.25	1.06		mg/L		85	80 - 120
Cadmium	0.500	0.466		mg/L		93	80 - 120
Calcium	25.0	23.7		mg/L		95	80 - 120
Chromium	0.500	0.449		mg/L		90	80 - 120
Cobalt	0.500	0.463		mg/L		93	80 - 120
Copper	0.500	0.460		mg/L		92	80 - 120
Lead	0.500	0.464		mg/L		93	80 - 120
Nickel	0.500	0.454		mg/L		91	80 - 120
Selenium	1.00	0.940		mg/L		94	80 - 120
Silver	0.250	0.232		mg/L		93	80 - 120
Thallium	1.00	0.968		mg/L		97	80 - 120
Vanadium	0.500	0.451		mg/L		90	80 - 120
Zinc	0.250	0.217		mg/L		87	80 - 120

Lab Sample ID: 180-118713-1 MS
Matrix: Ground Water
Analysis Batch: 351633

Client Sample ID: GWC-19
Prep Type: Total Recoverable
Prep Batch: 351413

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00038		0.250	0.229		mg/L		91	75 - 125
Arsenic	0.00031	J	1.00	0.981		mg/L		98	75 - 125
Barium	0.12		1.00	1.11		mg/L		98	75 - 125
Beryllium	0.00046	J	0.500	0.442		mg/L		88	75 - 125
Boron	<0.039		1.25	1.07		mg/L		86	75 - 125
Cadmium	<0.00022		0.500	0.491		mg/L		98	75 - 125
Calcium	9.6		25.0	34.3		mg/L		99	75 - 125
Chromium	<0.0015		0.500	0.477		mg/L		95	75 - 125
Cobalt	0.00038	J	0.500	0.493		mg/L		99	75 - 125
Copper	<0.00063		0.500	0.484		mg/L		97	75 - 125
Lead	0.00017	J	0.500	0.478		mg/L		96	75 - 125
Nickel	0.0010		0.500	0.482		mg/L		96	75 - 125
Selenium	<0.0015		1.00	0.950		mg/L		95	75 - 125
Silver	<0.00018		0.250	0.242		mg/L		97	75 - 125
Thallium	0.00033	J	1.00	0.991		mg/L		99	75 - 125
Vanadium	0.0010		0.500	0.478		mg/L		95	75 - 125
Zinc	0.0056		0.250	0.238		mg/L		93	75 - 125

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-1 MSD
Matrix: Ground Water
Analysis Batch: 351633

Client Sample ID: GWC-19
Prep Type: Total Recoverable
Prep Batch: 351413

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	<0.00038		0.250	0.230		mg/L		92	75 - 125	1	20
Arsenic	0.00031	J	1.00	0.967		mg/L		97	75 - 125	2	20
Barium	0.12		1.00	1.10		mg/L		97	75 - 125	1	20
Beryllium	0.00046	J	0.500	0.445		mg/L		89	75 - 125	1	20
Boron	<0.039		1.25	1.09		mg/L		87	75 - 125	2	20
Cadmium	<0.00022		0.500	0.486		mg/L		97	75 - 125	1	20
Calcium	9.6		25.0	34.7		mg/L		100	75 - 125	1	20
Chromium	<0.0015		0.500	0.471		mg/L		94	75 - 125	1	20
Cobalt	0.00038	J	0.500	0.489		mg/L		98	75 - 125	1	20
Copper	<0.00063		0.500	0.484		mg/L		97	75 - 125	0	20
Lead	0.00017	J	0.500	0.473		mg/L		94	75 - 125	1	20
Nickel	0.0010		0.500	0.481		mg/L		96	75 - 125	0	20
Selenium	<0.0015		1.00	0.953		mg/L		95	75 - 125	0	20
Silver	<0.00018		0.250	0.241		mg/L		96	75 - 125	1	20
Thallium	0.00033	J	1.00	0.976		mg/L		98	75 - 125	1	20
Vanadium	0.0010		0.500	0.475		mg/L		95	75 - 125	1	20
Zinc	0.0056		0.250	0.236		mg/L		92	75 - 125	1	20

Lab Sample ID: MB 180-351544/1-A
Matrix: Water
Analysis Batch: 351772

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351544

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00038		0.0020	0.00038	mg/L		04/01/21 11:01	04/02/21 17:07	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		04/01/21 11:01	04/02/21 17:07	1
Barium	<0.0016		0.010	0.0016	mg/L		04/01/21 11:01	04/02/21 17:07	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		04/01/21 11:01	04/02/21 17:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		04/01/21 11:01	04/02/21 17:07	1
Calcium	<0.13		0.50	0.13	mg/L		04/01/21 11:01	04/02/21 17:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		04/01/21 11:01	04/02/21 17:07	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		04/01/21 11:01	04/02/21 17:07	1
Copper	<0.00063		0.0020	0.00063	mg/L		04/01/21 11:01	04/02/21 17:07	1
Lead	<0.00013		0.0010	0.00013	mg/L		04/01/21 11:01	04/02/21 17:07	1
Nickel	<0.00034		0.0010	0.00034	mg/L		04/01/21 11:01	04/02/21 17:07	1
Selenium	<0.0015		0.0050	0.0015	mg/L		04/01/21 11:01	04/02/21 17:07	1
Silver	<0.00018		0.0010	0.00018	mg/L		04/01/21 11:01	04/02/21 17:07	1
Thallium	<0.00015		0.0010	0.00015	mg/L		04/01/21 11:01	04/02/21 17:07	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		04/01/21 11:01	04/02/21 17:07	1
Zinc	<0.0032		0.0050	0.0032	mg/L		04/01/21 11:01	04/02/21 17:07	1

Lab Sample ID: LCS 180-351544/2-A
Matrix: Water
Analysis Batch: 351772

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 351544

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Antimony	0.250	0.233		mg/L		93	80 - 120
Arsenic	1.00	0.969		mg/L		97	80 - 120
Barium	1.00	0.999		mg/L		100	80 - 120
Beryllium	0.500	0.526		mg/L		105	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: LCS 180-351544/2-A
Matrix: Water
Analysis Batch: 351772

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 351544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.500	0.497		mg/L		99	80 - 120
Calcium	25.0	27.4		mg/L		110	80 - 120
Chromium	0.500	0.498		mg/L		100	80 - 120
Cobalt	0.500	0.490		mg/L		98	80 - 120
Copper	0.500	0.485		mg/L		97	80 - 120
Lead	0.500	0.491		mg/L		98	80 - 120
Nickel	0.500	0.481		mg/L		96	80 - 120
Selenium	1.00	0.999		mg/L		100	80 - 120
Silver	0.250	0.254		mg/L		102	80 - 120
Thallium	1.00	1.06		mg/L		106	80 - 120
Vanadium	0.500	0.494		mg/L		99	80 - 120
Zinc	0.250	0.246		mg/L		99	80 - 120

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-350926/1-A
Matrix: Water
Analysis Batch: 351260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 350926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/26/21 14:01	03/30/21 13:46	1

Lab Sample ID: LCS 180-350926/2-A
Matrix: Water
Analysis Batch: 351260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 350926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00249		mg/L		100	80 - 120

Lab Sample ID: 180-118541-4 MS
Matrix: Ground Water
Analysis Batch: 351260

Client Sample ID: GWA-4
Prep Type: Total/NA
Prep Batch: 350926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00013		0.00100	0.000982		mg/L		98	75 - 125

Lab Sample ID: 180-118541-4 MSD
Matrix: Ground Water
Analysis Batch: 351260

Client Sample ID: GWA-4
Prep Type: Total/NA
Prep Batch: 350926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.000978		mg/L		98	75 - 125	0	20

Lab Sample ID: MB 180-351371/1-A
Matrix: Water
Analysis Batch: 351583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:01	04/01/21 10:39	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-351371/2-A
Matrix: Water
Analysis Batch: 351583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351371
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00236		mg/L		94	80 - 120

Lab Sample ID: MB 180-351380/1-A
Matrix: Water
Analysis Batch: 351583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		03/31/21 11:15	04/01/21 11:06	1

Lab Sample ID: LCS 180-351380/2-A
Matrix: Water
Analysis Batch: 351583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351380
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00258		mg/L		103	80 - 120

Lab Sample ID: MB 180-351755/1-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:49	04/05/21 11:11	1

Lab Sample ID: LCS 180-351755/2-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351755
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00270		mg/L		108	80 - 120

Lab Sample ID: MB 180-351756/1-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:52	04/05/21 11:41	1

Lab Sample ID: LCS 180-351756/2-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351756
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00271		mg/L		108	80 - 120

Lab Sample ID: 180-118713-15 MS
Matrix: Ground Water
Analysis Batch: 351949

Client Sample ID: GWC-10
Prep Type: Total/NA
Prep Batch: 351756
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013	F1	0.00100	0.00201	F1	mg/L		201	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: 180-118713-15 MSD
Matrix: Ground Water
Analysis Batch: 351949

Client Sample ID: GWC-10
Prep Type: Total/NA
Prep Batch: 351756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00013	F1	0.00100	0.00197	F1	mg/L		197	75 - 125	2	20

Lab Sample ID: MB 180-351757/1-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:16	1

Lab Sample ID: LCS 180-351757/2-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00274		mg/L		110	80 - 120

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

Lab Sample ID: MB 180-350156/2
Matrix: Water
Analysis Batch: 350156

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/21/21 12:36	1

Lab Sample ID: LCS 180-350156/1
Matrix: Water
Analysis Batch: 350156

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	428		mg/L		94	80 - 120

Lab Sample ID: 180-118541-3 DU
Matrix: Ground Water
Analysis Batch: 350156

Client Sample ID: GWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		174		mg/L		5	10

Lab Sample ID: MB 180-350157/2
Matrix: Water
Analysis Batch: 350157

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/21/21 12:38	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: LCS 180-350157/1
Matrix: Water
Analysis Batch: 350157

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	418		mg/L		91	80 - 120

Lab Sample ID: MB 180-350414/2
Matrix: Water
Analysis Batch: 350414

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

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

Lab Sample ID: LCS 180-350414/1
Matrix: Water
Analysis Batch: 350414

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	514		mg/L		112	80 - 120

Lab Sample ID: 180-118541-10 DU
Matrix: Ground Water
Analysis Batch: 350414

Client Sample ID: GWC-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	65		60.0		mg/L		8	10

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

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

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

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

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

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

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

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

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

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

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

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

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

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

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

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

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

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

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

Lab Sample ID: 180-118713-22 DU
Matrix: Ground Water
Analysis Batch: 350489

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	93		85.0		mg/L		9	10

Lab Sample ID: MB 180-350654/2
Matrix: Water
Analysis Batch: 350654

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

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

Lab Sample ID: LCS 180-350654/1
Matrix: Water
Analysis Batch: 350654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	472		mg/L		103	80 - 120

Lab Sample ID: 180-118713-25 DU
Matrix: Water
Analysis Batch: 350654

Client Sample ID: Dup-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	76	H	80.0		mg/L		5	10

Lab Sample ID: MB 180-350659/2
Matrix: Water
Analysis Batch: 350659

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/24/21 22:59	1

Lab Sample ID: LCS 180-350659/1
Matrix: Water
Analysis Batch: 350659

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	502		mg/L		110	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-18 DU
Matrix: Ground Water
Analysis Batch: 350659

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	430		431		mg/L		1	10

Lab Sample ID: 180-118713-26 DU
Matrix: Water
Analysis Batch: 350659

Client Sample ID: Dup-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		144		mg/L		1	10

Lab Sample ID: MB 180-350798/2
Matrix: Water
Analysis Batch: 350798

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/25/21 16:56	1

Lab Sample ID: LCS 180-350798/1
Matrix: Water
Analysis Batch: 350798

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	460		mg/L		101	80 - 120

Lab Sample ID: MB 180-350799/2
Matrix: Water
Analysis Batch: 350799

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/25/21 17:00	1

Lab Sample ID: LCS 180-350799/1
Matrix: Water
Analysis Batch: 350799

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	412		mg/L		90	80 - 120

Lab Sample ID: MB 180-350948/2
Matrix: Water
Analysis Batch: 350948

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/26/21 18:11	1

Lab Sample ID: LCS 180-350948/1
Matrix: Water
Analysis Batch: 350948

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

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

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QC Sample Results

Client: Southern Company
 Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

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

Lab Sample ID: 180-118713-10 DU
Matrix: Ground Water
Analysis Batch: 350948

Client Sample ID: GWC-33
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	93	H	87.0		mg/L		7	10

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

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

HPLC/IC

Analysis Batch: 350704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-350704/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-350704/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-118541-1 MS	GWA-1	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-1 MSD	GWA-1	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 350706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-2	GWA-2	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-3	GWA-3	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-4	GWA-4	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-5	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-6	GWA-29	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-7	GWC-7	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-8	GWC-8	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-9	GWC-12	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-10	GWC-21	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-11	GWC-22	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-12	GWC-9	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-13	GWC-31	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-14	GWC-34	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-15	GWC-35	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-16	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-118541-17	Dup-1	Total/NA	Water	EPA 300.0 R2.1	
180-118541-18	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-118541-19	FB-2	Total/NA	Water	EPA 300.0 R2.1	
180-118541-20	EB-2	Total/NA	Water	EPA 300.0 R2.1	
MB 180-350706/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-350706/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-118541-2 MS	GWA-2	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-2 MSD	GWA-2	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-5 MS	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118541-5 MSD	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 351162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-3	GWC-23	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-4	GWC-24	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-5	GWC-25	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-6	GWC-26	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-8	GWC-30	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-10	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-12	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-13	GWC-6	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-15	GWC-10	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-16	GWC-11	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-19	GWC-15	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-21	GWC-17	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-22	GWC-18	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-23	GWC-20	Total/NA	Ground Water	EPA 300.0 R2.1	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

HPLC/IC (Continued)

Analysis Batch: 351162 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-25	Dup-2	Total/NA	Water	EPA 300.0 R2.1	
180-118713-26	Dup-3	Total/NA	Water	EPA 300.0 R2.1	
180-118713-27	Dup-4	Total/NA	Water	EPA 300.0 R2.1	
180-118713-28	FB-3	Total/NA	Water	EPA 300.0 R2.1	
180-118713-29	FB-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351162/45	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351162/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351162/77	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351162/44	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351162/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351162/76	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-118713-5 MS	GWC-25	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-5 MSD	GWC-25	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-6 MS	GWC-26	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-6 MSD	GWC-26	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-8 MS	GWC-30	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-8 MSD	GWC-30	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 351343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-9	GWC-32	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-17	GWC-13	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-24	EB-4	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351343/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351343/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-118713-9 MS	GWC-32	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-9 MSD	GWC-32	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-17 MS	GWC-13	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-17 MSD	GWC-13	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 351345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-7	GWC-27	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-18	GWC-14	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-20	GWC-16	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-351345/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351345/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-118713-20 MS	GWC-16	Total/NA	Ground Water	EPA 300.0 R2.1	
180-118713-20 MSD	GWC-16	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 351490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-11	EB-3	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351490/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351490/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 350752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total Recoverable	Ground Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Prep Batch: 350752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-2	GWA-2	Total Recoverable	Ground Water	3005A	
180-118541-3	GWA-3	Total Recoverable	Ground Water	3005A	
180-118541-4	GWA-4	Total Recoverable	Ground Water	3005A	
180-118541-5	GWA-28	Total Recoverable	Ground Water	3005A	
180-118541-6	GWA-29	Total Recoverable	Ground Water	3005A	
180-118541-7	GWC-7	Total Recoverable	Ground Water	3005A	
180-118541-8	GWC-8	Total Recoverable	Ground Water	3005A	
180-118541-9	GWC-12	Total Recoverable	Ground Water	3005A	
MB 180-350752/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-350752/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 350753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-10	GWC-21	Total Recoverable	Ground Water	3005A	
180-118541-11	GWC-22	Total Recoverable	Ground Water	3005A	
180-118541-12	GWC-9	Total Recoverable	Ground Water	3005A	
180-118541-13	GWC-31	Total Recoverable	Ground Water	3005A	
180-118541-14	GWC-34	Total Recoverable	Ground Water	3005A	
180-118541-15	GWC-35	Total Recoverable	Ground Water	3005A	
180-118541-16	EB-1	Total Recoverable	Water	3005A	
180-118541-17	Dup-1	Total Recoverable	Water	3005A	
180-118541-18	FB-1	Total Recoverable	Water	3005A	
180-118541-19	FB-2	Total Recoverable	Water	3005A	
180-118541-20	EB-2	Total Recoverable	Water	3005A	
MB 180-350753/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-350753/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-118541-10 MS	GWC-21	Total Recoverable	Ground Water	3005A	
180-118541-10 MSD	GWC-21	Total Recoverable	Ground Water	3005A	

Prep Batch: 350926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total/NA	Ground Water	7470A	
180-118541-2	GWA-2	Total/NA	Ground Water	7470A	
180-118541-3	GWA-3	Total/NA	Ground Water	7470A	
180-118541-4	GWA-4	Total/NA	Ground Water	7470A	
180-118541-5	GWA-28	Total/NA	Ground Water	7470A	
180-118541-6	GWA-29	Total/NA	Ground Water	7470A	
180-118541-7	GWC-7	Total/NA	Ground Water	7470A	
180-118541-8	GWC-8	Total/NA	Ground Water	7470A	
180-118541-9	GWC-12	Total/NA	Ground Water	7470A	
180-118541-10	GWC-21	Total/NA	Ground Water	7470A	
180-118541-11	GWC-22	Total/NA	Ground Water	7470A	
180-118541-12	GWC-9	Total/NA	Ground Water	7470A	
180-118541-13	GWC-31	Total/NA	Ground Water	7470A	
180-118541-14	GWC-34	Total/NA	Ground Water	7470A	
MB 180-350926/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-350926/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-118541-4 MS	GWA-4	Total/NA	Ground Water	7470A	
180-118541-4 MSD	GWA-4	Total/NA	Ground Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals

Analysis Batch: 350954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-2	GWA-2	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-3	GWA-3	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-4	GWA-4	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-5	GWA-28	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-6	GWA-29	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-7	GWC-7	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-8	GWC-8	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-9	GWC-12	Total Recoverable	Ground Water	EPA 6020B	350752
MB 180-350752/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	350752
LCS 180-350752/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	350752

Analysis Batch: 351061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-2	GWA-2	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-3	GWA-3	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-4	GWA-4	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-5	GWA-28	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-6	GWA-29	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-7	GWC-7	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-8	GWC-8	Total Recoverable	Ground Water	EPA 6020B	350752
180-118541-9	GWC-12	Total Recoverable	Ground Water	EPA 6020B	350752
MB 180-350752/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	350752
LCS 180-350752/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	350752

Analysis Batch: 351260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total/NA	Ground Water	EPA 7470A	350926
180-118541-2	GWA-2	Total/NA	Ground Water	EPA 7470A	350926
180-118541-3	GWA-3	Total/NA	Ground Water	EPA 7470A	350926
180-118541-4	GWA-4	Total/NA	Ground Water	EPA 7470A	350926
180-118541-5	GWA-28	Total/NA	Ground Water	EPA 7470A	350926
180-118541-6	GWA-29	Total/NA	Ground Water	EPA 7470A	350926
180-118541-7	GWC-7	Total/NA	Ground Water	EPA 7470A	350926
180-118541-8	GWC-8	Total/NA	Ground Water	EPA 7470A	350926
180-118541-9	GWC-12	Total/NA	Ground Water	EPA 7470A	350926
180-118541-10	GWC-21	Total/NA	Ground Water	EPA 7470A	350926
180-118541-11	GWC-22	Total/NA	Ground Water	EPA 7470A	350926
180-118541-12	GWC-9	Total/NA	Ground Water	EPA 7470A	350926
180-118541-13	GWC-31	Total/NA	Ground Water	EPA 7470A	350926
180-118541-14	GWC-34	Total/NA	Ground Water	EPA 7470A	350926
MB 180-350926/1-A	Method Blank	Total/NA	Water	EPA 7470A	350926
LCS 180-350926/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	350926
180-118541-4 MS	GWA-4	Total/NA	Ground Water	EPA 7470A	350926
180-118541-4 MSD	GWA-4	Total/NA	Ground Water	EPA 7470A	350926

Analysis Batch: 351300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-10	GWC-21	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-11	GWC-22	Total Recoverable	Ground Water	EPA 6020B	350753

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Analysis Batch: 351300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-12	GWC-9	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-13	GWC-31	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-14	GWC-34	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-15	GWC-35	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-16	EB-1	Total Recoverable	Water	EPA 6020B	350753
180-118541-17	Dup-1	Total Recoverable	Water	EPA 6020B	350753
180-118541-18	FB-1	Total Recoverable	Water	EPA 6020B	350753
180-118541-19	FB-2	Total Recoverable	Water	EPA 6020B	350753
180-118541-20	EB-2	Total Recoverable	Water	EPA 6020B	350753
MB 180-350753/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	350753
LCS 180-350753/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	350753
180-118541-10 MS	GWC-21	Total Recoverable	Ground Water	EPA 6020B	350753
180-118541-10 MSD	GWC-21	Total Recoverable	Ground Water	EPA 6020B	350753

Prep Batch: 351371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-16	EB-1	Total/NA	Water	7470A	
180-118541-17	Dup-1	Total/NA	Water	7470A	
180-118541-18	FB-1	Total/NA	Water	7470A	
180-118541-19	FB-2	Total/NA	Water	7470A	
180-118541-20	EB-2	Total/NA	Water	7470A	
MB 180-351371/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351371/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 351380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-15	GWC-35	Total/NA	Ground Water	7470A	
MB 180-351380/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351380/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 351412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-23	GWC-20	Total Recoverable	Ground Water	3005A	
180-118713-24	EB-4	Total Recoverable	Water	3005A	
180-118713-25	Dup-2	Total Recoverable	Water	3005A	
180-118713-26	Dup-3	Total Recoverable	Water	3005A	
180-118713-27	Dup-4	Total Recoverable	Water	3005A	
180-118713-28	FB-3	Total Recoverable	Water	3005A	
180-118713-29	FB-4	Total Recoverable	Water	3005A	
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-118713-23 MS	GWC-20	Total Recoverable	Ground Water	3005A	
180-118713-23 MSD	GWC-20	Total Recoverable	Ground Water	3005A	

Prep Batch: 351413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total Recoverable	Ground Water	3005A	
180-118713-3	GWC-23	Total Recoverable	Ground Water	3005A	
180-118713-4	GWC-24	Total Recoverable	Ground Water	3005A	
180-118713-5	GWC-25	Total Recoverable	Ground Water	3005A	
180-118713-6	GWC-26	Total Recoverable	Ground Water	3005A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Prep Batch: 351413 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-7	GWC-27	Total Recoverable	Ground Water	3005A	
180-118713-8	GWC-30	Total Recoverable	Ground Water	3005A	
180-118713-9	GWC-32	Total Recoverable	Ground Water	3005A	
180-118713-10	GWC-33	Total Recoverable	Ground Water	3005A	
180-118713-11	EB-3	Total Recoverable	Water	3005A	
180-118713-12	GWC-5	Total Recoverable	Ground Water	3005A	
180-118713-13	GWC-6	Total Recoverable	Ground Water	3005A	
180-118713-15	GWC-10	Total Recoverable	Ground Water	3005A	
180-118713-16	GWC-11	Total Recoverable	Ground Water	3005A	
180-118713-17	GWC-13	Total Recoverable	Ground Water	3005A	
180-118713-18	GWC-14	Total Recoverable	Ground Water	3005A	
180-118713-19	GWC-15	Total Recoverable	Ground Water	3005A	
180-118713-20	GWC-16	Total Recoverable	Ground Water	3005A	
180-118713-21	GWC-17	Total Recoverable	Ground Water	3005A	
180-118713-22	GWC-18	Total Recoverable	Ground Water	3005A	
MB 180-351413/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351413/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-118713-1 MS	GWC-19	Total Recoverable	Ground Water	3005A	
180-118713-1 MSD	GWC-19	Total Recoverable	Ground Water	3005A	

Prep Batch: 351544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-19	FB-2	Total Recoverable	Water	3005A	
MB 180-351544/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351544/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 351583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-15	GWC-35	Total/NA	Ground Water	EPA 7470A	351380
180-118541-16	EB-1	Total/NA	Water	EPA 7470A	351371
180-118541-17	Dup-1	Total/NA	Water	EPA 7470A	351371
180-118541-18	FB-1	Total/NA	Water	EPA 7470A	351371
180-118541-19	FB-2	Total/NA	Water	EPA 7470A	351371
180-118541-20	EB-2	Total/NA	Water	EPA 7470A	351371
MB 180-351371/1-A	Method Blank	Total/NA	Water	EPA 7470A	351371
MB 180-351380/1-A	Method Blank	Total/NA	Water	EPA 7470A	351380
LCS 180-351371/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351371
LCS 180-351380/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351380

Analysis Batch: 351633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-3	GWC-23	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-4	GWC-24	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-5	GWC-25	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-6	GWC-26	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-7	GWC-27	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-8	GWC-30	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-9	GWC-32	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-10	GWC-33	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-11	EB-3	Total Recoverable	Water	EPA 6020B	351413

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Analysis Batch: 351633 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-12	GWC-5	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-13	GWC-6	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-15	GWC-10	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-16	GWC-11	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-17	GWC-13	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-18	GWC-14	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-19	GWC-15	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-20	GWC-16	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-21	GWC-17	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-22	GWC-18	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-23	GWC-20	Total Recoverable	Ground Water	EPA 6020B	351412
180-118713-24	EB-4	Total Recoverable	Water	EPA 6020B	351412
180-118713-25	Dup-2	Total Recoverable	Water	EPA 6020B	351412
180-118713-26	Dup-3	Total Recoverable	Water	EPA 6020B	351412
180-118713-27	Dup-4	Total Recoverable	Water	EPA 6020B	351412
180-118713-28	FB-3	Total Recoverable	Water	EPA 6020B	351412
180-118713-29	FB-4	Total Recoverable	Water	EPA 6020B	351412
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351412
MB 180-351413/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351413
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351412
LCS 180-351413/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351413
180-118713-1 MS	GWC-19	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-1 MSD	GWC-19	Total Recoverable	Ground Water	EPA 6020B	351413
180-118713-23 MS	GWC-20	Total Recoverable	Ground Water	EPA 6020B	351412
180-118713-23 MSD	GWC-20	Total Recoverable	Ground Water	EPA 6020B	351412

Prep Batch: 351755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total/NA	Ground Water	7470A	
180-118713-3	GWC-23	Total/NA	Ground Water	7470A	
180-118713-4	GWC-24	Total/NA	Ground Water	7470A	
180-118713-5	GWC-25	Total/NA	Ground Water	7470A	
180-118713-6	GWC-26	Total/NA	Ground Water	7470A	
180-118713-7	GWC-27	Total/NA	Ground Water	7470A	
180-118713-8	GWC-30	Total/NA	Ground Water	7470A	
180-118713-9	GWC-32	Total/NA	Ground Water	7470A	
180-118713-10	GWC-33	Total/NA	Ground Water	7470A	
MB 180-351755/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351755/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 351756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-11	EB-3	Total/NA	Water	7470A	
180-118713-12	GWC-5	Total/NA	Ground Water	7470A	
180-118713-13	GWC-6	Total/NA	Ground Water	7470A	
180-118713-15	GWC-10	Total/NA	Ground Water	7470A	
180-118713-16	GWC-11	Total/NA	Ground Water	7470A	
180-118713-17	GWC-13	Total/NA	Ground Water	7470A	
180-118713-18	GWC-14	Total/NA	Ground Water	7470A	
180-118713-19	GWC-15	Total/NA	Ground Water	7470A	
180-118713-20	GWC-16	Total/NA	Ground Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Prep Batch: 351756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-21	GWC-17	Total/NA	Ground Water	7470A	
180-118713-22	GWC-18	Total/NA	Ground Water	7470A	
180-118713-23	GWC-20	Total/NA	Ground Water	7470A	
MB 180-351756/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351756/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-118713-15 MS	GWC-10	Total/NA	Ground Water	7470A	
180-118713-15 MSD	GWC-10	Total/NA	Ground Water	7470A	

Prep Batch: 351757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-24	EB-4	Total/NA	Water	7470A	
180-118713-25	Dup-2	Total/NA	Water	7470A	
180-118713-26	Dup-3	Total/NA	Water	7470A	
180-118713-27	Dup-4	Total/NA	Water	7470A	
180-118713-28	FB-3	Total/NA	Water	7470A	
180-118713-29	FB-4	Total/NA	Water	7470A	
MB 180-351757/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351757/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 351772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-19	FB-2	Total Recoverable	Water	EPA 6020B	351544
MB 180-351544/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351544
LCS 180-351544/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351544

Analysis Batch: 351949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total/NA	Ground Water	EPA 7470A	351755
180-118713-3	GWC-23	Total/NA	Ground Water	EPA 7470A	351755
180-118713-4	GWC-24	Total/NA	Ground Water	EPA 7470A	351755
180-118713-5	GWC-25	Total/NA	Ground Water	EPA 7470A	351755
180-118713-6	GWC-26	Total/NA	Ground Water	EPA 7470A	351755
180-118713-7	GWC-27	Total/NA	Ground Water	EPA 7470A	351755
180-118713-8	GWC-30	Total/NA	Ground Water	EPA 7470A	351755
180-118713-9	GWC-32	Total/NA	Ground Water	EPA 7470A	351755
180-118713-10	GWC-33	Total/NA	Ground Water	EPA 7470A	351755
180-118713-11	EB-3	Total/NA	Water	EPA 7470A	351756
180-118713-12	GWC-5	Total/NA	Ground Water	EPA 7470A	351756
180-118713-13	GWC-6	Total/NA	Ground Water	EPA 7470A	351756
180-118713-15	GWC-10	Total/NA	Ground Water	EPA 7470A	351756
180-118713-16	GWC-11	Total/NA	Ground Water	EPA 7470A	351756
180-118713-17	GWC-13	Total/NA	Ground Water	EPA 7470A	351756
180-118713-18	GWC-14	Total/NA	Ground Water	EPA 7470A	351756
180-118713-19	GWC-15	Total/NA	Ground Water	EPA 7470A	351756
180-118713-20	GWC-16	Total/NA	Ground Water	EPA 7470A	351756
180-118713-21	GWC-17	Total/NA	Ground Water	EPA 7470A	351756
180-118713-22	GWC-18	Total/NA	Ground Water	EPA 7470A	351756
180-118713-23	GWC-20	Total/NA	Ground Water	EPA 7470A	351756
180-118713-24	EB-4	Total/NA	Water	EPA 7470A	351757
180-118713-25	Dup-2	Total/NA	Water	EPA 7470A	351757
180-118713-26	Dup-3	Total/NA	Water	EPA 7470A	351757

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Metals (Continued)

Analysis Batch: 351949 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-27	Dup-4	Total/NA	Water	EPA 7470A	351757
180-118713-28	FB-3	Total/NA	Water	EPA 7470A	351757
180-118713-29	FB-4	Total/NA	Water	EPA 7470A	351757
MB 180-351755/1-A	Method Blank	Total/NA	Water	EPA 7470A	351755
MB 180-351756/1-A	Method Blank	Total/NA	Water	EPA 7470A	351756
MB 180-351757/1-A	Method Blank	Total/NA	Water	EPA 7470A	351757
LCS 180-351755/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351755
LCS 180-351756/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351756
LCS 180-351757/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351757
180-118713-15 MS	GWC-10	Total/NA	Ground Water	EPA 7470A	351756
180-118713-15 MSD	GWC-10	Total/NA	Ground Water	EPA 7470A	351756

General Chemistry

Analysis Batch: 350156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-3	GWA-3	Total/NA	Ground Water	SM 2540C	
180-118541-4	GWA-4	Total/NA	Ground Water	SM 2540C	
180-118541-5	GWA-28	Total/NA	Ground Water	SM 2540C	
180-118541-6	GWA-29	Total/NA	Ground Water	SM 2540C	
180-118541-11	GWC-22	Total/NA	Ground Water	SM 2540C	
180-118541-16	EB-1	Total/NA	Water	SM 2540C	
180-118541-17	Dup-1	Total/NA	Water	SM 2540C	
180-118541-18	FB-1	Total/NA	Water	SM 2540C	
MB 180-350156/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350156/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118541-3 DU	GWA-3	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 350157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total/NA	Ground Water	SM 2540C	
180-118541-2	GWA-2	Total/NA	Ground Water	SM 2540C	
MB 180-350157/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350157/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-7	GWC-7	Total/NA	Ground Water	SM 2540C	
180-118541-8	GWC-8	Total/NA	Ground Water	SM 2540C	
180-118541-9	GWC-12	Total/NA	Ground Water	SM 2540C	
180-118541-10	GWC-21	Total/NA	Ground Water	SM 2540C	
180-118541-12	GWC-9	Total/NA	Ground Water	SM 2540C	
MB 180-350414/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350414/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118541-10 DU	GWC-21	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 350419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-19	FB-2	Total/NA	Water	SM 2540C	
180-118541-20	EB-2	Total/NA	Water	SM 2540C	
MB 180-350419/2	Method Blank	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

General Chemistry (Continued)

Analysis Batch: 350419 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-350419/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-21	GWC-17	Total/NA	Ground Water	SM 2540C	
180-118713-23	GWC-20	Total/NA	Ground Water	SM 2540C	
MB 180-350487/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350487/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-13	GWC-31	Total/NA	Ground Water	SM 2540C	
180-118541-14	GWC-34	Total/NA	Ground Water	SM 2540C	
180-118541-15	GWC-35	Total/NA	Ground Water	SM 2540C	
180-118713-22	GWC-18	Total/NA	Ground Water	SM 2540C	
MB 180-350489/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350489/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118713-22 DU	GWC-18	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 350654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total/NA	Ground Water	SM 2540C	
180-118713-5	GWC-25	Total/NA	Ground Water	SM 2540C	
180-118713-6	GWC-26	Total/NA	Ground Water	SM 2540C	
180-118713-9	GWC-32	Total/NA	Ground Water	SM 2540C	
180-118713-11	EB-3	Total/NA	Water	SM 2540C	
180-118713-12	GWC-5	Total/NA	Ground Water	SM 2540C	
180-118713-13	GWC-6	Total/NA	Ground Water	SM 2540C	
180-118713-16	GWC-11	Total/NA	Ground Water	SM 2540C	
180-118713-17	GWC-13	Total/NA	Ground Water	SM 2540C	
180-118713-25	Dup-2	Total/NA	Water	SM 2540C	
MB 180-350654/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350654/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118713-25 DU	Dup-2	Total/NA	Water	SM 2540C	

Analysis Batch: 350659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-18	GWC-14	Total/NA	Ground Water	SM 2540C	
180-118713-20	GWC-16	Total/NA	Ground Water	SM 2540C	
180-118713-26	Dup-3	Total/NA	Water	SM 2540C	
180-118713-28	FB-3	Total/NA	Water	SM 2540C	
MB 180-350659/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350659/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118713-18 DU	GWC-14	Total/NA	Ground Water	SM 2540C	
180-118713-26 DU	Dup-3	Total/NA	Water	SM 2540C	

Analysis Batch: 350798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-3	GWC-23	Total/NA	Ground Water	SM 2540C	
180-118713-4	GWC-24	Total/NA	Ground Water	SM 2540C	
180-118713-7	GWC-27	Total/NA	Ground Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

General Chemistry (Continued)

Analysis Batch: 350798 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-8	GWC-30	Total/NA	Ground Water	SM 2540C	
180-118713-15	GWC-10	Total/NA	Ground Water	SM 2540C	
MB 180-350798/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350798/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-19	GWC-15	Total/NA	Ground Water	SM 2540C	
180-118713-24	EB-4	Total/NA	Water	SM 2540C	
180-118713-27	Dup-4	Total/NA	Water	SM 2540C	
180-118713-29	FB-4	Total/NA	Water	SM 2540C	
MB 180-350799/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350799/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-10	GWC-33	Total/NA	Ground Water	SM 2540C	
MB 180-350948/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350948/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118713-10 DU	GWC-33	Total/NA	Ground Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 349894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118541-1	GWA-1	Total/NA	Ground Water	Field Sampling	
180-118541-2	GWA-2	Total/NA	Ground Water	Field Sampling	
180-118541-3	GWA-3	Total/NA	Ground Water	Field Sampling	
180-118541-4	GWA-4	Total/NA	Ground Water	Field Sampling	
180-118541-5	GWA-28	Total/NA	Ground Water	Field Sampling	
180-118541-6	GWA-29	Total/NA	Ground Water	Field Sampling	
180-118541-7	GWC-7	Total/NA	Ground Water	Field Sampling	
180-118541-8	GWC-8	Total/NA	Ground Water	Field Sampling	
180-118541-9	GWC-12	Total/NA	Ground Water	Field Sampling	
180-118541-10	GWC-21	Total/NA	Ground Water	Field Sampling	
180-118541-11	GWC-22	Total/NA	Ground Water	Field Sampling	
180-118541-12	GWC-9	Total/NA	Ground Water	Field Sampling	
180-118541-13	GWC-31	Total/NA	Ground Water	Field Sampling	
180-118541-14	GWC-34	Total/NA	Ground Water	Field Sampling	
180-118541-15	GWC-35	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 350209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-1	GWC-19	Total/NA	Ground Water	Field Sampling	
180-118713-3	GWC-23	Total/NA	Ground Water	Field Sampling	
180-118713-4	GWC-24	Total/NA	Ground Water	Field Sampling	
180-118713-5	GWC-25	Total/NA	Ground Water	Field Sampling	
180-118713-6	GWC-26	Total/NA	Ground Water	Field Sampling	
180-118713-7	GWC-27	Total/NA	Ground Water	Field Sampling	
180-118713-8	GWC-30	Total/NA	Ground Water	Field Sampling	
180-118713-9	GWC-32	Total/NA	Ground Water	Field Sampling	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 350209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-10	GWC-33	Total/NA	Ground Water	Field Sampling	
180-118713-13	GWC-6	Total/NA	Ground Water	Field Sampling	
180-118713-15	GWC-10	Total/NA	Ground Water	Field Sampling	
180-118713-16	GWC-11	Total/NA	Ground Water	Field Sampling	
180-118713-17	GWC-13	Total/NA	Ground Water	Field Sampling	
180-118713-18	GWC-14	Total/NA	Ground Water	Field Sampling	
180-118713-19	GWC-15	Total/NA	Ground Water	Field Sampling	
180-118713-20	GWC-16	Total/NA	Ground Water	Field Sampling	
180-118713-21	GWC-17	Total/NA	Ground Water	Field Sampling	
180-118713-23	GWC-20	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 354195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118713-12	GWC-5	Total/NA	Ground Water	Field Sampling	
180-118713-22	GWC-18	Total/NA	Ground Water	Field Sampling	

Chain of Custody Record



Client Information		Sampler: <u>B. Walker / H. Ald / T. Johnson</u>	Lab P/N: <u>Brown, Shali</u>	Carrier Tracking No(s):	COC No:
Client Contact: <u>770-594-5998</u>		Phone: <u>770-594-5998</u>	E-Mail: <u>shali.brown@eurofinset.com</u>		Page: <u>1 of 2</u>
Company: <u>GA Power</u>		Analysis Requested			
Address: <u>241 Ralph McGill Blvd SE</u>		Due Date Requested:			
City: <u>Atlanta</u>		TAT Requested (days):			
State, Zip: <u>GA, 30308</u>		PO #: <u>SCS10382606</u>			
Phone: <u>404-506-7116(Tel)</u>		WO #:			
Email: <u>SCS Contacts</u>		Project #:			
Project Name: <u>CCR - Plant Wansley Landfill</u>		SSOW#:			
Site:		180-118541 Chain of Custody			
Sample Identification		Sample Date	Sample Time	Sample Type (G=comp, G=grab)	Matrix (W=water, S=solid, O=water/soil, BT=Tissue, AA=Air)
GWA-1		3-15-21	1510	G	Water
GWA-2		3-15-21	1500	G	Water
GWA-3		3-15-21	1645	G	Water
GWA-4		3-15-21	1500	G	Water
GWA-28		3-15-21	1325	G	Water
GWA-29		3-15-21	1355	G	Water
GWL-7		3-16-21	1050	G	Water
GWL-8		3-16-21	1155	G	Water
GWL-12		3-16-21	1105	G	Water
GWL-21		3-16-21	1235	G	Water
GWL-22		3-15-21	1630	G	Water
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological			
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by: <u>[Signature]</u>		Time: <u>3:10-21 / 16:33</u>			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>3/16/21 / 16:33</u>			
Relinquished by: <u>[Signature]</u>		Date/Time: <u>3/16/21 / 16:45</u>			
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.:			
Custody Seals Intact: <u>Δ Yes Δ No</u>		Cooler Temperature(s) °C and Other Remarks:			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/Note:		Total Number of _____ pH= 5.55 pH= 5.44 pH= 5.28 pH= 6.00 pH= 6.09 pH= 5.51 pH= 6.50 pH= 5.99 pH= 7.62 pH= 5.47 pH= 6.78			
Preservation Codes:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid 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)			



Chain of Custody Record



Client Information Client Contact: <u>R. Walker / H. Avid / T. Sabarwal</u> SCS Contacts Phone: <u>770-598-5998</u> Company: <u>GA Power</u>		Lab P#: Brown, Shali E-Mail: <u>shali.brown@eurofinset.com</u>		Carrier Tracking No(s): COC No:	
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #: Project #: 18019922 SOW#:		Analysis Requested			
Address: 241 Ralph McGill Blvd SE City: Atlanta State, Zip: GA, 30308 Phone: 404-506-7116 (Tel) Email: SCS Contacts Project Name: CCR - Plant Wansley Landfill Site:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: 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)			
Sample Identification		Total Number of Containers			
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=oil, BT=Tissue, A=Air) Preservation Code: Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) AP 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 OL, F, SO ₄ & TDS EPA 300.0 & SM 2540C		Special Instructions/Note: pH=5.78 pH=5.89 pH=5.78 pH=5.44 pH= pH= pH= pH= pH= pH=			
Date: <u>3-16-21</u> <u>1313</u> Date: <u>3-16-21</u> <u>1050</u> Date: <u>3-16-21</u> <u>1215</u> Date: <u>3-16-21</u> <u>1315</u> Date: <u>3-15-21</u> <u>1530</u> Date: <u>3-15-21</u> <u>—</u> Date: <u>3-15-21</u> <u>1650</u> Date: <u>3-16-21</u> <u>1220</u> Date: <u>3-16-21</u> <u>1400</u>		Special Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Method of Shipment:			
Empty Kit Relinquished by: <u>Handwritten Signature</u> Date: <u>3-16-21</u> / <u>1633</u> Relinquished by: <u>Handwritten Signature</u> Date: <u>3-16-21</u> / <u>1645</u> Relinquished by: <u>Handwritten Signature</u> Date: <u>3-16-21</u> / <u>1645</u>		Received by: <u>Handwritten Signature</u> Date/Time: <u>3/16/21</u> <u>16:33</u> Received by: <u>Handwritten Signature</u> Date/Time: <u>3-17-21</u> <u>8:45</u> Received by: <u>Handwritten Signature</u> Date/Time: <u>3-17-21</u> <u>8:45</u>			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:			



Chain of Custody Record

Client Information Client Contact: <u>Shelli Brown</u> SCS Contacts: <u>Shelli Brown</u> Company: <u>Shelli Brown</u> GA Power Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Allanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u> Email: <u>Shelli.Brown@eurofinset.com</u> SCS Contacts Project Name: <u>CCR - Plant Wansley Landfill</u> Site:		Lab P#: Brown, Shelli E-Mail: Shelli.Brown@eurofinset.com		Carrier Tracking No(s):		COC No: <u>1 of 3</u> Page: Job #:											
Due Date Requested: TAT Requested (days): PO #: SCS 10382606 WO #: Project #: 18019922 SSOW#:		Analysis Requested															
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=soil, B=BI-Tissue, A=Air) Preservation Code: Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) App III and State Permit Metals (EPA 6020 & 740): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg Cl, F, SO ₄ , & TDS (EPA 300.0 & SM 2540C)		Total Number of containers Special Instructions/Note: Other: 180-118713 Chain of Custody															
GWC-19 GWC-21 GWC-23 GWC-24 GWC-25 GWC-26 GWC-27 GWC-30 GWC-32 GWC-33 EB-3		3-17-21 3-16-21 3-18-21 3-18-21 3-17-21 3-17-21 3-18-21 3-18-21 3-17-21 3-18-21 3-17-21 3-17-21		1447 1235 1145 1050 1320 1205 1314 1220 1100 1025 1510		G G G G G G G G G G G		Water Water Water Water Water Water Water Water Water Water Water		N N N N N N N N N N N N		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		2 2 2 2 2 2 2 2 2 2 2 2		pH= 5.95 pH= 5.47 pH= 6.02 pH= 5.16 pH= 5.97 pH= 5.61 pH= 5.39 pH= 5.77 pH= 6.14 pH= 6.41 pH=	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:															
Empty Kit Relinquished by:		Date:		Method of Shipment:													
Relinquished by: <u>Shelli Brown</u>		Date/Time: <u>3/18/21 16:13</u>		Company: <u>EMC</u>													
Relinquished by: <u>Shelli Brown</u>		Date/Time: <u>3/18/21 16:30</u>		Company: <u>EMC</u>													
Relinquished by: <u>Shelli Brown</u>		Date/Time: <u>3/18/21 16:30</u>		Company: <u>EMC</u>													
Custody Seals Intact: <u>Yes</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:													



Client Information Client Contact: <u>R. Walker / T. Johnson / H. Add</u> SCS Contacts: <u>770-594-5998</u> Company: <u>Shali Brown, Shali</u> GA Power Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u> Email: <u>SCS10382806</u> SCS Contacts: <u>WO #:</u> Project Name: <u>18019922</u> CCR - Plant Wansley Landfill Site: <u>SSOW#:</u>		Lab PM: <u>Brown, Shali</u> E-Mail: <u>shali.brown@eurofinset.com</u> Carrier Tracking No(s): COC No: Page: <u>2 of 3</u> Job #:	
Analysis Requested			
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382806</u> WO #: Project #: <u>18019922</u> SSOW#:		Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Archlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: 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)	
Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) AP II 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:	
Sample Identification Sample ID: <u>GWC-5</u> <u>GWC-6</u> <u>GWC-9</u> <u>GWC-10</u> <u>GWC-11</u> <u>GWC-13</u> <u>GWC-14</u> <u>GWC-15</u> <u>GWC-16</u> <u>GWC-17</u> <u>GWC-18</u>	Sample Date <u>3-17-21</u> <u>3-17-21</u> <u>3-16-21</u> <u>3-18-21</u> <u>3-17-21</u> <u>3-17-21</u> <u>3-17-21</u> <u>3-18-21</u> <u>3-17-21</u> <u>3-16-21</u> <u>3-16-21</u>	Sample Time <u>1320</u> <u>1137</u> <u>1313</u> <u>1140</u> <u>1207</u> <u>1412</u> <u>1635</u> <u>1105</u> <u>1415</u> <u>1350</u> <u>1505</u>	Matrix (W=Water, S=Solid, O=Organic, A=Air) Preservation Code: Water Water Water Water Water Water Water Water Water Water Water
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: _____ Date: _____ Relinquished by: <u>Shali</u> Date/Time: <u>3-18-21 / 16:13</u> Relinquished by: <u>Shali</u> Date/Time: <u>3/18/21 / 16:30</u> Relinquished by: _____ Date/Time: _____		Method of Shipment: Received by: <u>Shali</u> Date/Time: <u>3/18/21 / 16:13</u> Received by: <u>Shali</u> Date/Time: <u>3-19-21 / 8:45</u> Received by: _____ Date/Time: _____	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks:	



Client Information			Sampler: <u>R. McVicker / H. Alford / T. Johnson</u>		Lab P#: <u>Brown, Shali</u>
Client Contact: <u>GA Power</u>			Phone: <u>770-594-5998</u>		E-Mail: <u>shali.brown@eurofinset.com</u>
Address: <u>241 Ralph McGill Blvd SE</u>			Carrier Tracking No(s):		
City: <u>Atlanta</u>			Analysis Requested		
State, Zip: <u>GA, 30308</u>			Due Date Requested:		
PO#: <u>404-506-7116(Tel)</u>			TAT Requested (days):		
Email: <u>SCS Contacts</u>			PO#: <u>SCS10382606</u>		
Project Name: <u>CCR - Plant Wansley Landfill</u>			WO#: _____		
Site: _____			Project #: <u>18019922</u>		
SSOW#: _____			Field Filtered Sample (Yes or No)		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewat, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Performance: MS/SD (Yes or No)	AP II and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg (EPA 300.0 & SM 2540C)	Total Number of Containers	Special Instructions/Note:
<u>GW-20</u>	<u>3-16-21</u>	<u>1510</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=6.33</u>
<u>EB-4</u>	<u>3-18-21</u>	<u>1205</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
<u>Dup-2</u>	<u>3-16-21</u>	<u>—</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
<u>Dup-3</u>	<u>3-17-21</u>	<u>—</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
<u>Dup-4</u>	<u>3-18-21</u>	<u>—</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
<u>FB-3</u>	<u>3-17-21</u>	<u>1440</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
<u>FB-4</u>	<u>3-18-21</u>	<u>1200</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>✓</u>	<u>2</u>	<u>pH=</u>
			<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>			<u>pH=</u>
			<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>			<u>pH=</u>
			<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>			<u>pH=</u>
			<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>			<u>pH=</u>

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological	
Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by: _____	Time: _____
Relinquished by: <u>Shadi</u>	Date: <u>3-18-21 / 16:30</u>
Relinquished by: _____	Date: <u>16:30</u>
Relinquished by: _____	Date: _____
Custody Seals Intact: <u>Yes</u>	Custody Seal No.: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
Special Instructions/QC Requirements:
Method of Shipment:
Relinquished by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____
Cooler Temperature(s) °C and Other Remarks:



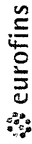
Chain of Custody Record



Client Information		Lab P/W: Brown, Shail		Carrier Tracking No(s):	
Client Contact: R. Walker/H. Alford/T. Johnson		E-Mail: shail.brown@eurofins.com			
SCS Contacts: 770-594-5998					
Company: GA Power					
Address: 241 Ralph McGill Blvd SE					
City: Atlanta					
State, Zip: GA, 30308					
Phone: 404-506-7116(Tel)					
Email: SCS10382606					
Project Name: CCR - Plant Wansley Landfill					
Site: 18019922					
SSOW#: 18019922					
Due Date Requested:					
TAT Requested (days):					
Sample Date		Sample Time	Sample Type (C-comp, G-grab)	Matrix (W-water, S-segill, O-wasteoil, BR-Tissue, A-air)	Field Filtered Sample (Yes or No)
GWA-1		3-15-21 1510	G	Water	N
GWA-2		3-15-21 1500	G	Water	N
GWA-3		3-15-21 1645	G	Water	N
GWA-4		3-15-21 1500	G	Water	N
GWA-28		3-15-21 1325	G	Water	N
GWA-29		3-15-21 1355	G	Water	N
GWL-7		3-16-21 1050	G	Water	N
GWL-8		3-16-21 1155	G	Water	N
GWL-12		3-16-21 1105	G	Water	N
GWL-21		3-16-21 1235	G	Water	N
GWL-22		3-15-21 1630	G	Water	N
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:		Date:		Time:	
Relinquished by: [Signature]		Date/Time: 3-16-21 / 1633		Company: ACC	
Relinquished by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	



Chain of Custody Record



Environment Testing
America

Client Information
 Client Contact: *R. L. Ker*
 SCS Contacts: *770-599-5998*
 Company: GA Power
 Address: 241 Ralph McGill Blvd SE
 City: Atlanta
 State, Zip: GA, 30308
 Phone: 404-506-7116(Tel)
 Email:
 SCS Contacts
 Project Name: CCR - Plant Wansley Landfill
 Site:

Lab PM: *Brown, Shail*
 E-Mail: *shail.brown@eurofins.com*

Due Date Requested:
 TAT Requested (days):
 PO #: *SCS10382806*
 WO #:
 Project #: *18019922*
 SOW #:

Carrier Tracking No(s):
 Job #: *20200605*

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (V=water, S=solid, O=waste, etc)	Field Filtered Sample (Yes or No)	APPL and State Permit Metals (EPA 6020 & 7470): As, Ba, Be, Ca, Cd, Cr, Co, Cu, Ni, Pb, Mn, Sb, Se, Ag, Tl, V, Zn, Hg Cl, F, SO ₄ & TDS (EPA 300.0 & SM 2540C)	Analysis Requested					Special Instructions (Note): pH= 5.78 pH= 5.89 pH= 5.78 pH= 5.44 pH= 5.44
							Total Number of Containers					
G-WC-9	3-16-21	1313	G	Water	N	✓						
G-WC-31	3-16-21	1050	G	Water	N	✓						
G-WC-34	3-16-21	1215	G	Water	N	✓						
G-WC-35	3-16-21	1315	G	Water	N	✓						
EB-1	3-15-21	1530	G	Water	N	✓						
Dup-1	3-15-21		G	Water	N	✓						
FB-1	3-15-21	1650	G	Water	N	✓						
FB-2	3-16-21	1220	G	Water	N	✓						
EB-2	3-16-21	1400	G	Water	N	✓						
			G	Water	N							
			G	Water	N							

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

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *[Signature]* Date: *3-16-21 / 1633* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

cooler Temperature(s) °C and Other Remarks: _____

Page 112 of 119

4/22/2021 (Rev. 1)

Chain of Custody Record

Client Information Client Contact: <u>Mike Iker / H. Acid / T. Johnson</u> SCS Contacts: <u>770-594-5998</u> Company: <u>GA Power</u> Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u> Email: <u>SCS Contacts</u> Project Name: <u>CCR - Plant Wansley Landfill</u> Site:		Lab PM: <u>Brown, Shelli</u> E-Mail: <u>shelli.brown@eurofinset.com</u> Carrier Tracking No(s): COC No: <u>1013140</u> Page: <u>3 of 5</u> Job #: Analysis Requested:							
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #: Project #: <u>18019922</u> SOW #:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - I-2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - EDTA Z - other (specify)							
Sample Identification	Sample Date	Sample Time	Sample Type (G=grab, G=comp)	Matrix (W=water, S=solid, O=wastebott, BT=tissue, Ref)	Field Filtered Sample (Yes or No)	APF 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	Special Instructions/Note:
GWC-19	3-17-21	1447	G	Water	N	✓	✓	2	pH= 5.95
GWC-21	3-16-21	1235	G	Water	N	✓	✓	2	pH= 5.177 (on coc p.1)
GWC-23	3-18-21	1145	G	Water	N	✓	✓	2	pH= 6.02
GWC-24	3-18-21	1050	G	Water	N	✓	✓	2	pH= 5.16
GWC-25	3-17-21	1320	G	Water	N	✓	✓	2	pH= 5.97
GWC-26	3-17-21	1205	G	Water	N	✓	✓	2	pH= 5.61
GWC-27	3-18-21	1314	G	Water	N	✓	✓	2	pH= 5.39
GWC-30	3-18-21	1220	G	Water	N	✓	✓	2	pH= 5.77
GWC-32	3-17-21	1100	G	Water	N	✓	✓	2	pH= 6.14
GWC-33	3-18-21	1025	G	Water	N	✓	✓	2	pH= 6.41
EG-3	3-17-21	1510	G	Water	N	✓	✓	2	pH=
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:									
Empty Kit Relinquished by: <u>H. Acid</u> Relinquished by: <u>AC</u> Relinquished by: Relinquished by:					Method of Shipment: Date/Time: <u>3/18/21</u> Date/Time: <u>16:13</u> Date/Time: Date/Time:				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No					Cooler Temperature(s) °C and Other Remarks:				

Chain of Custody Record

Client Information Client Contact: <u>R. Walker / T. Johnson / H. Add</u> SCS Contacts Company: <u>GA Power</u> Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u> Email: <u>SCS Contacts</u> Project Name: <u>CCR - Plant Wansley Landfill</u> SSOW#:		Lab PM: <u>Brown, Shall</u> E-Mail: <u>shall.brown@eurofins.com</u> Carrier Tracking No(s): OOC No:	
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #:		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 Other:	
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=wasteoil, B=refuse, A=air) Field Filtered Sample (Yes or No)		Total Number of Containers Special Instructions/Note:	
Sample Identification <u>GWC-5</u> <u>GWC-6</u> <u>GWC-9</u> <u>GWC-10</u> <u>GWC-11</u> <u>GWC-13</u> <u>GWC-14</u> <u>GWC-15</u> <u>GWC-16</u> <u>GWC-17</u> <u>GWC-18</u>		pH= <u>6.22</u> pH= <u>6.10</u> pH= 6.78 <u>on COC p.2</u> pH= <u>6.13</u> pH= <u>6.23</u> pH= <u>7.19</u> pH= <u>5.31</u> pH= <u>6.92</u> pH= <u>6.16</u> pH= <u>6.22</u> pH= <u>6.02</u>	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Relinquished by: <u>J. Add</u> Relinquished by: Relinquished by:		Method of Shipment: Date/Time: <u>3/18/21</u> Date/Time: <u>16:13</u> Date/Time: Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:	



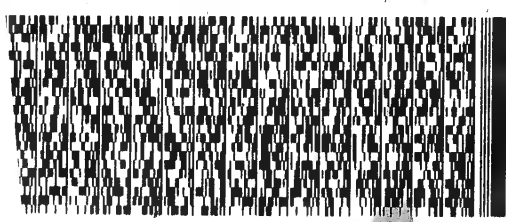
Client Information Client Contact: <u>Patricia Ker / Harold / T. Johnson</u> SCS Contacts: <u>770-594-5998</u> Company: <u>GA Power</u>		Lab PM: <u>Brown, Shall</u> E-Mail: <u>shall.brown@eurofinset.com</u>		Carrier Tracking No(s): COC No: <u>3 of 3 # 505</u>	
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #: <u>18019922</u> Project #: <u>CCR - Plant Wansley Landfill</u> SOW#:		Analysis Requested			
Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u> Email:		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 Other:			
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=wasteoil, BT=TISSUE, A=Air) Preservation Code		Special Instructions/Note: Total Number of Containers			
Sample Identification <u>GW-20</u> <u>EB-4</u> <u>Dup-2</u> <u>Dup-3</u> <u>Dup-4</u> <u>FB-3</u> <u>FB-4</u>		Field Filtered Sample (Yes or No) AP III and State Permit Metals (EPA 602 & 747): As, Br, Ba, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, V, Zn, Hg Cl, T, SO ₄ & TDS (EPA 300.0 & SM 2540C)			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input checked="" type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV Other (specify)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Method of Shipment:			
Relinquished by: <u>[Signature]</u> Date/Time: <u>3-18-21 / 1613</u>		Relinquished by: <u>[Signature]</u> Date/Time: <u>3/18/21 1613</u>			
Relinquished by: <u>[Signature]</u> Date/Time:		Relinquished by: <u>[Signature]</u> Date/Time:			
Relinquished by: <u>[Signature]</u> Date/Time:		Relinquished by: <u>[Signature]</u> Date/Time:			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:			



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




N/A
 Uncorrected temp
 Thermometer ID
 CF 0
 Initials J
 PT-WI-SR-001 effective 11/8/18
 MPA# 1516 9328 7689
 Mat# 1516 9328 7678
 0201
 2 of 2
 WED -
 STANDARD OVERNIGHT
 15238 PIT



180-118541 Waybill

10
 SAMPLE RECEIVING
 EUROFINS TESTAMERICA PITTSBURGH
 301 ALPHA DR.
 RIDC PARK
 PITTSBURGH PA 15238
 REF: (412) 983-7068
 INU:
 PO:

ORIGIN ID: L1YA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 6215 REGENCY PARKWAY NM
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US
 SHIP DATE: 16MAR21
 ACTWGT: 54.70 LB
 CAD: 859116/CAFE3409
 BILL RECIPIENT

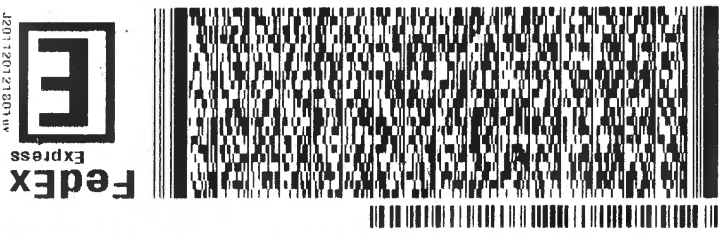

eurofins
 Environment Testing
 TestAmerica

Do Not Lift Using This Tag

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

PT-WI-SR-001 effective 11/8/16
 CF
 Uncorrected temp
 Thermometer ID
 Initials
 3/14

15238
 NA AGCA
 # MASTER #
 TRK# 1516 9328 7678
 1 of 2
 WED - 17 MAR 4:30P
 STANDARD OVERNIGHT



10 SAMPLE RECEIVING
 EUROFINS TESTAMERICA PITTSBURGH
 301 ALPHA DR.
 RIDC PARK
 PITTSBURGH PA 15238
 REF: (412) 963-7068
 PO: DEPT:

ORIGIN ID: LIVA (678) 966-9991
 GEORGE TAYLOR
 EUROFINS TESTING AMERICA ATL SC
 6215 REGENCY PARKWAY MN
 SUITE 900
 NORCROSS, GA 30071
 UNITED STATES US
 SHIP DATE: 16MAR21
 ACTWGT: 54.20 LB
 CAD: 859116/CAFE3409
 BILL RECIPIENT

Part # 159469-434 RIT2 EXP 11/21



Do Not Lift Using This Tag

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-118541-1

Login Number: 118541

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-118541-1

Login Number: 118713

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	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.	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	

ANALYTICAL REPORT

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

Laboratory Job ID: 180-118714-1

Client Project/Site: Plant Wansley Landfill Surface Waters

For:

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

Attn: Kristen N Jurinko



Authorized for release by:
4/7/2021 9:26:18 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

PA Lab ID: 02-00416



Table of Contents

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Case Narrative

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

Job ID: 180-118714-1

Job ID: 180-118714-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative 180-118714-1

Comments

No additional comments.

Receipt

The samples were received on 3/19/2021 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.8° C, 3.2° C and 4.1° C.

GC Semi VOA

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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



Definitions/Glossary

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

Job ID: 180-118714-1

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Accreditation/Certification Summary

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

Job ID: 180-118714-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

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

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



Sample Summary

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

Job ID: 180-118714-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-118714-1	SWA-1	Surface Water	03/17/21 12:30	03/19/21 08:45	
180-118714-2	SWA-6	Surface Water	03/17/21 11:00	03/19/21 08:45	
180-118714-3	SWC-3	Surface Water	03/17/21 11:55	03/19/21 08:45	
180-118714-4	SWC-5	Surface Water	03/17/21 10:40	03/19/21 08:45	
180-118714-5	SWC-7	Surface Water	03/17/21 11:30	03/19/21 08:45	
180-118714-6	SWC-8	Surface Water	03/17/21 13:10	03/19/21 08:45	
180-118714-7	SWC-9	Surface Water	03/17/21 12:45	03/19/21 08:45	



Method Summary

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

Job ID: 180-118714-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

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:

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

Lab Chronicle

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

Job ID: 180-118714-1

Client Sample ID: SWA-1
Date Collected: 03/17/21 12:30
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-1
Matrix: Surface 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		1	1 mL	1.0 mL	351162	03/31/21 04:12	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:53	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:27	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 12:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWA-6
Date Collected: 03/17/21 11:00
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-2
Matrix: Surface 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		1	1 mL	1.0 mL	351162	03/31/21 04:30	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:56	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:30	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 11:00	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-3
Date Collected: 03/17/21 11:55
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-3
Matrix: Surface 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		1	1 mL	1.0 mL	351162	03/31/21 04:48	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 14:59	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:31	KHM	TAL PIT
Instrument ID: HGY										

Lab Chronicle

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

Job ID: 180-118714-1

Client Sample ID: SWC-3

Date Collected: 03/17/21 11:55

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-3

Matrix: Surface Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 11:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-5

Date Collected: 03/17/21 10:40

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-4

Matrix: Surface 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		1	1 mL	1.0 mL	351162	03/31/21 05:06	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 15:01	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:32	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 10:40	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7

Date Collected: 03/17/21 11:30

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-5

Matrix: Surface 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		1			351162	03/31/21 07:29	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 15:04	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:33	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 11:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

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

Job ID: 180-118714-1

Client Sample ID: SWC-8

Date Collected: 03/17/21 13:10

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-6

Matrix: Surface 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		1			351162	03/31/21 07:47	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 15:07	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:34	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 13:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-9

Date Collected: 03/17/21 12:45

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118714-7

Matrix: Surface 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		1			351162	03/31/21 08:05	SAT	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 15:10	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351757	04/02/21 17:56	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351949	04/05/21 12:35	KHM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350210	03/17/21 12:45	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

KHM = Kyle Mucroski

TJO = Tyler Oliver

Batch Type: Analysis

FDS = Sampler Field

KHM = Kyle Mucroski

KMM = Kendric Moore

RJR = Ron Rosenbaum

SAT = Stephen Tallam

Eurofins TestAmerica, Pittsburgh

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWA-1

Lab Sample ID: 180-118714-1

Date Collected: 03/17/21 12:30

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.71	mg/L			03/31/21 04:12	1
Fluoride	0.041	J	0.10	0.026	mg/L			03/31/21 04:12	1
Sulfate	1.7		1.0	0.76	mg/L			03/31/21 04:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:53	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:53	1
Barium	0.017		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:53	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:53	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:53	1
Calcium	2.7		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:53	1
Cobalt	0.0012	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:53	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:53	1
Lead	0.00023	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:53	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:53	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:53	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:53	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:53	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:53	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	27		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.13				SU			03/17/21 12:30	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWA-6

Lab Sample ID: 180-118714-2

Date Collected: 03/17/21 11:00

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.8		1.0	0.71	mg/L			03/31/21 04:30	1
Fluoride	0.11		0.10	0.026	mg/L			03/31/21 04:30	1
Sulfate	13		1.0	0.76	mg/L			03/31/21 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00040	J	0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:56	1
Arsenic	0.0044		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:56	1
Barium	0.039		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:56	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:56	1
Boron	0.062	J	0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:56	1
Calcium	9.0		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:56	1
Chromium	<0.00015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:56	1
Cobalt	0.0016	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:56	1
Copper	0.0020		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:56	1
Lead	0.0038		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:56	1
Nickel	0.0010		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:56	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:56	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:56	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:56	1
Vanadium	0.0022		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:56	1
Zinc	0.018		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	82		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.33				SU			03/17/21 11:00	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWC-3

Lab Sample ID: 180-118714-3

Date Collected: 03/17/21 11:55

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55		1.0	0.71	mg/L			03/31/21 04:48	1
Fluoride	0.17		0.10	0.026	mg/L			03/31/21 04:48	1
Sulfate	2.7		1.0	0.76	mg/L			03/31/21 04:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:59	1
Arsenic	0.00048	J	0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:59	1
Barium	0.047		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:59	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:59	1
Boron	0.20		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:59	1
Calcium	10		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:59	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:59	1
Cobalt	0.20		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:59	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:59	1
Lead	0.00020	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:59	1
Nickel	0.0064		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:59	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:59	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:59	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:59	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:59	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:59	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.40				SU			03/17/21 11:55	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWC-5

Lab Sample ID: 180-118714-4

Date Collected: 03/17/21 10:40

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		1.0	0.71	mg/L			03/31/21 05:06	1
Fluoride	0.075	J	0.10	0.026	mg/L			03/31/21 05:06	1
Sulfate	16		1.0	0.76	mg/L			03/31/21 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 15:01	1
Arsenic	0.00041	J	0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 15:01	1
Barium	0.096		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 15:01	1
Beryllium	0.00020	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 15:01	1
Boron	0.23		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 15:01	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 15:01	1
Calcium	16		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 15:01	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 15:01	1
Cobalt	0.0099		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 15:01	1
Copper	0.0019	J	0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 15:01	1
Lead	0.0019		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 15:01	1
Nickel	0.0041		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 15:01	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 15:01	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 15:01	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 15:01	1
Vanadium	0.0041		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 15:01	1
Zinc	0.0047	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 15:01	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.94				SU			03/17/21 10:40	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWC-7

Lab Sample ID: 180-118714-5

Date Collected: 03/17/21 11:30

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	0.71	mg/L			03/31/21 07:29	1
Fluoride	0.047	J	0.10	0.026	mg/L			03/31/21 07:29	1
Sulfate	3.5		1.0	0.76	mg/L			03/31/21 07:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 15:04	1
Arsenic	0.00037	J	0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 15:04	1
Barium	0.033		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 15:04	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 15:04	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 15:04	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 15:04	1
Calcium	5.6		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 15:04	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 15:04	1
Cobalt	0.0055		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 15:04	1
Copper	0.00088	J	0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 15:04	1
Lead	0.00051	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 15:04	1
Nickel	0.00045	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 15:04	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 15:04	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 15:04	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 15:04	1
Vanadium	0.0017		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 15:04	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 15:04	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	61		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.04				SU			03/17/21 11:30	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWC-8

Lab Sample ID: 180-118714-6

Date Collected: 03/17/21 13:10

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.3		1.0	0.71	mg/L			03/31/21 07:47	1
Fluoride	0.049	J	0.10	0.026	mg/L			03/31/21 07:47	1
Sulfate	11		1.0	0.76	mg/L			03/31/21 07:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 15:07	1
Arsenic	0.00089	J	0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 15:07	1
Barium	0.048		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 15:07	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 15:07	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 15:07	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 15:07	1
Calcium	19		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 15:07	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 15:07	1
Cobalt	0.033		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 15:07	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 15:07	1
Lead	0.00021	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 15:07	1
Nickel	0.0016		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 15:07	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 15:07	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 15:07	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 15:07	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 15:07	1
Zinc	0.0084		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 15:07	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.37				SU			03/17/21 13:10	1

Client Sample Results

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

Job ID: 180-118714-1

Client Sample ID: SWC-9

Lab Sample ID: 180-118714-7

Date Collected: 03/17/21 12:45

Matrix: Surface Water

Date Received: 03/19/21 08:45

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			03/31/21 08:05	1
Fluoride	0.059	J	0.10	0.026	mg/L			03/31/21 08:05	1
Sulfate	3.4		1.0	0.76	mg/L			03/31/21 08:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 15:10	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 15:10	1
Barium	0.019		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 15:10	1
Beryllium	0.00029	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 15:10	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 15:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 15:10	1
Calcium	3.1		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 15:10	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 15:10	1
Cobalt	0.013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 15:10	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 15:10	1
Lead	0.00020	J	0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 15:10	1
Nickel	0.0011		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 15:10	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 15:10	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 15:10	1
Thallium	0.00025	J	0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 15:10	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 15:10	1
Zinc	0.0036	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 15:10	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:35	1

General Chemistry

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

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.86				SU			03/17/21 12:45	1

QC Sample Results

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

Job ID: 180-118714-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 180-351162/45
Matrix: Water
Analysis Batch: 351162

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/30/21 20:46	1
Fluoride	<0.026		0.10	0.026	mg/L			03/30/21 20:46	1
Sulfate	<0.76		1.0	0.76	mg/L			03/30/21 20:46	1

Lab Sample ID: MB 180-351162/77
Matrix: Water
Analysis Batch: 351162

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 06:17	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 06:17	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 06:17	1

Lab Sample ID: LCS 180-351162/44
Matrix: Water
Analysis Batch: 351162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.7		mg/L		107	90 - 110
Fluoride	2.50	2.57		mg/L		103	90 - 110
Sulfate	50.0	53.6		mg/L		107	90 - 110

Lab Sample ID: LCS 180-351162/76
Matrix: Water
Analysis Batch: 351162

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.0		mg/L		104	90 - 110
Fluoride	2.50	2.50		mg/L		100	90 - 110
Sulfate	50.0	51.8		mg/L		104	90 - 110

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 13:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 13:49	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 13:49	1
Beryllium	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 13:49	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cadmium	<0.00022		0.0010	0.00022	mg/L		03/31/21 13:13	04/01/21 13:49	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 13:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cobalt	<0.00013		0.00050	0.00013	mg/L		03/31/21 13:13	04/01/21 13:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 13:49	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 13:49	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 13:49	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

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

Job ID: 180-118714-1

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 13:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 13:49	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 13:49	1

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

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

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

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-351757/1-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 351757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		04/02/21 17:56	04/05/21 12:16	1

Lab Sample ID: LCS 180-351757/2-A
Matrix: Water
Analysis Batch: 351949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 351757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00274		mg/L		110	80 - 120

QC Sample Results

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

Job ID: 180-118714-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 180-118714-1 MS
Matrix: Surface Water
Analysis Batch: 351949

Client Sample ID: SWA-1
Prep Type: Total/NA
Prep Batch: 351757
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00200	0.00219		mg/L		110	75 - 125

Lab Sample ID: 180-118714-1 MSD
Matrix: Surface Water
Analysis Batch: 351949

Client Sample ID: SWA-1
Prep Type: Total/NA
Prep Batch: 351757
 %Rec. RPD

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00200	0.00211		mg/L		106	75 - 125	4	20

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

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

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

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

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

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

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

Lab Sample ID: 180-118714-1 DU
Matrix: Surface Water
Analysis Batch: 350652

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	27		26.0		mg/L		4	10

QC Association Summary

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

Job ID: 180-118714-1

HPLC/IC

Analysis Batch: 351162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total/NA	Surface Water	300.0	
180-118714-2	SWA-6	Total/NA	Surface Water	300.0	
180-118714-3	SWC-3	Total/NA	Surface Water	300.0	
180-118714-4	SWC-5	Total/NA	Surface Water	300.0	
180-118714-5	SWC-7	Total/NA	Surface Water	300.0	
180-118714-6	SWC-8	Total/NA	Surface Water	300.0	
180-118714-7	SWC-9	Total/NA	Surface Water	300.0	
MB 180-351162/45	Method Blank	Total/NA	Water	300.0	
MB 180-351162/77	Method Blank	Total/NA	Water	300.0	
LCS 180-351162/44	Lab Control Sample	Total/NA	Water	300.0	
LCS 180-351162/76	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 351412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total Recoverable	Surface Water	3005A	
180-118714-2	SWA-6	Total Recoverable	Surface Water	3005A	
180-118714-3	SWC-3	Total Recoverable	Surface Water	3005A	
180-118714-4	SWC-5	Total Recoverable	Surface Water	3005A	
180-118714-5	SWC-7	Total Recoverable	Surface Water	3005A	
180-118714-6	SWC-8	Total Recoverable	Surface Water	3005A	
180-118714-7	SWC-9	Total Recoverable	Surface Water	3005A	
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 351633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-2	SWA-6	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-3	SWC-3	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-4	SWC-5	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-5	SWC-7	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-6	SWC-8	Total Recoverable	Surface Water	EPA 6020B	351412
180-118714-7	SWC-9	Total Recoverable	Surface Water	EPA 6020B	351412
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351412
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351412

Prep Batch: 351757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total/NA	Surface Water	7470A	
180-118714-2	SWA-6	Total/NA	Surface Water	7470A	
180-118714-3	SWC-3	Total/NA	Surface Water	7470A	
180-118714-4	SWC-5	Total/NA	Surface Water	7470A	
180-118714-5	SWC-7	Total/NA	Surface Water	7470A	
180-118714-6	SWC-8	Total/NA	Surface Water	7470A	
180-118714-7	SWC-9	Total/NA	Surface Water	7470A	
MB 180-351757/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-351757/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-118714-1 MS	SWA-1	Total/NA	Surface Water	7470A	
180-118714-1 MSD	SWA-1	Total/NA	Surface Water	7470A	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

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

Job ID: 180-118714-1

Metals

Analysis Batch: 351949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total/NA	Surface Water	EPA 7470A	351757
180-118714-2	SWA-6	Total/NA	Surface Water	EPA 7470A	351757
180-118714-3	SWC-3	Total/NA	Surface Water	EPA 7470A	351757
180-118714-4	SWC-5	Total/NA	Surface Water	EPA 7470A	351757
180-118714-5	SWC-7	Total/NA	Surface Water	EPA 7470A	351757
180-118714-6	SWC-8	Total/NA	Surface Water	EPA 7470A	351757
180-118714-7	SWC-9	Total/NA	Surface Water	EPA 7470A	351757
MB 180-351757/1-A	Method Blank	Total/NA	Water	EPA 7470A	351757
LCS 180-351757/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	351757
180-118714-1 MS	SWA-1	Total/NA	Surface Water	EPA 7470A	351757
180-118714-1 MSD	SWA-1	Total/NA	Surface Water	EPA 7470A	351757

General Chemistry

Analysis Batch: 350652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total/NA	Surface Water	SM 2540C	
180-118714-2	SWA-6	Total/NA	Surface Water	SM 2540C	
180-118714-3	SWC-3	Total/NA	Surface Water	SM 2540C	
180-118714-4	SWC-5	Total/NA	Surface Water	SM 2540C	
180-118714-5	SWC-7	Total/NA	Surface Water	SM 2540C	
180-118714-6	SWC-8	Total/NA	Surface Water	SM 2540C	
180-118714-7	SWC-9	Total/NA	Surface Water	SM 2540C	
MB 180-350652/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350652/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118714-1 DU	SWA-1	Total/NA	Surface Water	SM 2540C	


Field Service / Mobile Lab

Analysis Batch: 350210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118714-1	SWA-1	Total/NA	Surface Water	Field Sampling	
180-118714-2	SWA-6	Total/NA	Surface Water	Field Sampling	
180-118714-3	SWC-3	Total/NA	Surface Water	Field Sampling	
180-118714-4	SWC-5	Total/NA	Surface Water	Field Sampling	
180-118714-5	SWC-7	Total/NA	Surface Water	Field Sampling	
180-118714-6	SWC-8	Total/NA	Surface Water	Field Sampling	
180-118714-7	SWC-9	Total/NA	Surface Water	Field Sampling	

Chain of Custody Record



Client Information Client Contact: <u>Shahli Brown, Shaili</u> SCS Contacts: <u>shaili.brown@eurofinset.com</u> Company: <u>GA Power</u>		Lab PM: <u>Brown, Shaili</u> E-Mail: <u>shaili.brown@eurofinset.com</u>		Carrier Tracking No(s): COC No: <u>1 of 1</u> Page: Job #:					
Due Date Requested: TAT Requested (days):		Analysis Requested							
Address: <u>241 Ralph McGill Blvd SE</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30308</u> Phone: <u>404-506-7116(Tel)</u>		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Aspartate O - AsNaO2							
PO #: <u>SCS10382606</u> WO #:		 180-118714 Chain of Custody							
Project Name: <u>CCR - Plant Wansley Landfill - Surface Waters</u> SOW#:		Other:							
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewat, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	APF 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	CF, T, SO ₄ & TDS (EPA 300.0 & SM 2540C)	Total Number of con	Special Instructions/Note:
SWA-1	3-17-21	1230	G	Water	N	✓	✓	3	pH= 7.13
SWA-6	3-17-21	1100	G	Water	N	✓	✓	3	pH= 7.33
SWC-3	3-17-21	1155	G	Water	N	✓	✓	3	pH= 6.40
SWC-5	3-17-21	1040	G	Water	N	✓	✓	3	pH= 6.94
SWC-7	3-17-21	1130	G	Water	N	✓	✓	3	pH= 7.04
SWC-8	3-17-21	1310	G	Water	N	✓	✓	3	pH= 6.37
SWC-9	3-17-21	1245	G	Water	N	✓	✓	3	pH= 5.86
			G	Water	N				pH=
			G	Water	N				pH=
			G	Water	N				pH=
			G	Water	N				pH=

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

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

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:

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

Relinquished by: Shahli Brown Date/Time: 3/18/21 16:13 Company: GA Power

Relinquished by: Shahli Brown Date/Time: 3/18/21 16:30 Company: GA Power

Relinquished by: Shahli Brown Date/Time: 3/18/21 8:15 Company: GA Power

Custody Seals Intact: Yes No **Custody Seal No.:** _____

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-118714-1

Login Number: 118714

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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

LEVEL 2A LABORATORY DATA VALIDATIONS

Plant Wansley Landfill

1st Semi-Annual March 2021

Georgia Power Company – Plant Wansley Landfill

Quality Control Review of Analytical Data – March 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Pittsburgh for groundwater and surface water samples collected at Plant Wansley Landfill (LF) between March 15, 2021 and March 18, 2021. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 180-118541 was revised to correct errant field pH data entries.

In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detected monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020/6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions (USEPA Method 300.0), and Solids in Water (Standard Methods 2540C).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)¹ and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)². The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and chains of custody (COCs) were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met, with the exceptions of Beryllium on GWA-28 (180-118541-5), Vanadium and Total Dissolved Solids (TDS) on GWC-17 (180-118713-21), and Vanadium and TDS on GWC-30 (180-118713-8) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met, with the exceptions of Fluoride on GWA-28 (180-118541-5), Fluoride and Sulfate on GWC-32 (180-118713-9), and Mercury on GWC-10 (180-118713-15) as described in the qualifications section below.

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, with the exceptions of TDS on GWC-33 (180-118713-10) and DUP-2 (180-118713-25) as described in the qualifications section below.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample

ND: The analyte was not detected above the method detection limit

H: The analysis was performed outside the method holding time

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Samples GWA-28 (180-118541-5) and DUP-1 (180-118541-17) were qualified as estimated (J) for Beryllium as the field relative percent difference (RPD) exceeded QC criteria (59.15% above limit of 20).
- Samples GWC-17 (180-118713-21) and DUP-2 (180-118713-25) were qualified as estimated (J) for Vanadium and TDS as the field RPDs exceeded QC criteria (23.08% and 26.29%, respectively, above limit of 20).
- Samples GWC-30 (180-118713-8) and DUP-4 (180-118713-27) were qualified as estimated (J) for Vanadium and TDS as the field RPDs exceeded QC criteria (24.00% and 25.29%, respectively, above limit of 20).
- Sample GWA-28 (180-118541-5) was qualified as estimated (J) for Fluoride as the associated matrix spike (MS) and matrix spike duplicate (MSD) recoveries were below the QC criteria (88% and 86% below the range of 90-110).
- Sample GWC-32 (180-118713-9) was qualified as estimated (J) for Fluoride and Sulfate as the associated MS and/or MSD recoveries were below the QC criteria (Fluoride MS 69% and MSD 71%; Sulfate MS 87% below the range of 90-110).
- Sample GWC-10 (180-118713-15) was qualified as estimated (J) for Mercury as the associated MS and MSD recoveries were above the QC criteria (201% and 197% above the range of 75-125).
- Samples GWC-33 (180-118713-10) and DUP-2 (180-118713-25) were qualified as estimated (H) for TDS as the analyses were performed outside the method holding time (8th day past holding time of 7 days).

Atlantic Coast Consulting, Inc. reviewed the laboratory data from the Plant Wansley LF sampled between March 15, 2021 and March 18, 2021 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

¹USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory

Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

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

TABLE 1

Georgia Power Company – Plant Wansley Landfill

Sample Summary Table – March 2021

SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses		
						Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
118541	GWA-1	3/15/2021	180-118541-1	GW		X	X	X
118541	GWA-2	3/15/2021	180-118541-2	GW	EB	X	X	X
118541	GWA-3	3/15/2021	180-118541-3	GW	EB	X	X	X
118541	GWA-4	3/15/2021	180-118541-4	GW	FB	X	X	X
118541	GWA-28	3/15/2021	180-118541-5	GW		X	X	X
118541	GWA-29	3/15/2021	180-118541-6	GW		X	X	X
118541	GWC-7	3/16/2021	180-118541-7	GW		X	X	X
118541	GWC-8	3/16/2021	180-118541-8	GW		X	X	X
118541	GWC-12	3/16/2021	180-118541-9	GW		X	X	X
118541	GWC-21	3/16/2021	180-118541-10	GW		X	X	X
118541	GWC-22	3/15/2021	180-118541-11	GW		X	X	X
118541	GWC-9	3/16/2021	180-118541-12	GW		X	X	X
118541	GWC-31	3/16/2021	180-118541-13	GW		X	X	X
118541	GWC-34	3/16/2021	180-118541-14	GW		X	X	X
118541	GWC-35	3/16/2021	180-118541-15	GW		X	X	X
118541	EB-1	3/15/2021	180-118541-16	WQ	EB	X	X	X
118541	DUP-1	3/15/2021	180-118541-17	GW	FD (GWA-28)	X	X	X
118541	FB-1	3/15/2021	180-118541-18	WQ	FB	X	X	X
118541	FB-2	3/16/2021	180-118541-19	WQ	FB	X	X	X
118541	EB-2	3/16/2021	180-118541-20	WQ	EB	X	X	X
118713	GWC-19	3/17/2021	180-118713-1	GW		X	X	X
118713	GWC-23	3/18/2021	180-118713-3	GW		X	X	X
118713	GWC-24	3/18/2021	180-118713-4	GW		X	X	X
118713	GWC-25	3/17/2021	180-118713-5	GW		X	X	X
118713	GWC-26	3/17/2021	180-118713-6	GW		X	X	X
118713	GWC-27	3/18/2021	180-118713-7	GW		X	X	X
118713	GWC-30	3/18/2021	180-118713-8	GW		X	X	X
118713	GWC-32	3/17/2021	180-118713-9	GW		X	X	X
118713	GWC-33	3/18/2021	180-118713-10	GW		X	X	X
118713	EB-3	3/17/2021	180-118713-11	WQ	EB	X	X	X

Abbreviations:

EB – Equipment Blank

FB – Field Blank

FD – Field Duplicate

GW – Groundwater

QC – Quality Control

SW – Surface Water

TDS – Total Dissolved Solids

WQ – Water Quality Control

TABLE 1 (continued)

Georgia Power Company – Plant Wansley Landfill

Sample Summary Table – March 2021

SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses		
						Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
118713	GWC-5	3/17/2021	180-118713-12	GW		X	X	X
118713	GWC-6	3/17/2021	180-118713-13	GW		X	X	X
118713	GWC-10	3/18/2021	180-118713-15	GW		X	X	X
118713	GWC-11	3/17/2021	180-118713-16	GW		X	X	X
118713	GWC-13	3/17/2021	180-118713-17	GW		X	X	X
118713	GWC-14	3/17/2021	180-118713-18	GW		X	X	X
118713	GWC-15	3/18/2021	180-118713-19	GW		X	X	X
118713	GWC-16	3/17/2021	180-118713-20	GW		X	X	X
118713	GWC-17	3/16/2021	180-118713-21	GW		X	X	X
118713	GWC-18	3/16/2021	180-118713-22	GW		X	X	X
118713	GWC-20	3/16/2021	180-118713-23	GW		X	X	X
118713	EB-4	3/18/2021	180-118713-24	WQ	EB	X	X	X
118713	DUP-2	3/16/2021	180-118713-25	GW	FD (GWC-17)	X	X	X
118713	DUP-3	3/17/2021	180-118713-26	GW	FD (GWC-11)	X	X	X
118713	DUP-4	3/18/2021	180-118713-27	GW	FD (GWC-30)	X	X	X
118713	FB-3	3/17/2021	180-118713-28	WQ	FB	X	X	X
118713	FB-4	3/18/2021	180-118713-29	WQ	FB	X	X	X
118714	SWA-1	3/17/2021	180-118714-1	SW		X	X	X
118714	SWA-6	3/17/2021	180-118714-2	SW		X	X	X
118714	SWC-3	3/17/2021	180-118714-3	SW		X	X	X
118714	SWC-5	3/17/2021	180-118714-4	SW		X	X	X
118714	SWC-7	3/17/2021	180-118714-5	SW		X	X	X
118714	SWC-8	3/17/2021	180-118714-6	SW		X	X	X
118714	SWC-9	3/17/2021	180-118714-7	SW		X	X	X

Abbreviations:

EB – Equipment Blank
 FB – Field Blank
 FD – Field Duplicate
 GW – Groundwater
 QC – Quality Control

SW – Surface Water
 TDS – Total Dissolved Solids
 WQ – Water Quality Control

TABLE 2

Georgia Power Company – Plant Wansley Landfill

Qualifier Summary Table – March 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
118541	GWA-28	Fluoride			J	MS/MSD outside QC criteria
118713	GWC-32	Fluoride			J	MS/MSD outside QC criteria
118713	GWC-32	Sulfate			J	MS outside QC criteria
118713	GWC-10	Mercury			J	MS/MSD outside QC criteria
118541	GWA-28	Beryllium			J	RPD exceeds field goal
118541	DUP-1	Beryllium			J	RPD exceeds field goal
118713	GWC-17	Vanadium			J	RPD exceeds field goal
118713	DUP-2	Vanadium			J	RPD exceeds field goal
118713	GWC-17	TDS			J	RPD exceeds field goal
118713	DUP-2	TDS			J	RPD exceeds field goal
118713	GWC-30	Vanadium			J	RPD exceeds field goal
118713	DUP-4	Vanadium			J	RPD exceeds field goal
118713	GWC-30	TDS			J	RPD exceeds field goal
118713	DUP-4	TDS			J	RPD exceeds field goal
118541	GWC-33	TDS			H	Lab missed holding time
118541	DUP-2	TDS			H	Lab missed holding time

Abbreviations:

MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
RL – Reporting Limit
RPD – Relative Percent Difference
SDG – Sample Delivery Group

Qualifiers:

J – Estimated Result
ND – Non-Detect Result
H – Holding Time Exceeded

Low-Flow Test Report:

Test Date / Time: 3/15/2021 2:29:55 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWA-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39 ft Total Depth: 49.85 ft Initial Depth to Water: 18.34 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 34 ft Estimated Total Volume Pumped: 3671.667 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.66 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 1510, equipment blank 1 here, cloudy, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/15/2021 2:29 PM	00:00	5.52 pH	18.66 °C	20.47 µS/cm	6.26 mg/L	0.37 NTU	177.7 mV	18.34 ft	100.00 ml/min
3/15/2021 2:34 PM	05:00	5.53 pH	18.63 °C	20.64 µS/cm	6.25 mg/L	1.56 NTU	191.5 mV	19.70 ft	100.00 ml/min
3/15/2021 2:36 PM	06:43	5.51 pH	18.64 °C	20.34 µS/cm	6.26 mg/L	1.56 NTU	195.2 mV	20.10 ft	100.00 ml/min
3/15/2021 2:41 PM	11:43	5.50 pH	18.12 °C	20.34 µS/cm	6.21 mg/L	1.19 NTU	204.5 mV	20.10 ft	100.00 ml/min
3/15/2021 2:46 PM	16:43	5.54 pH	18.04 °C	20.22 µS/cm	6.45 mg/L	0.64 NTU	211.1 mV	20.40 ft	100.00 ml/min
3/15/2021 2:51 PM	21:43	5.56 pH	18.10 °C	20.10 µS/cm	6.68 mg/L	1.63 NTU	212.7 mV	20.60 ft	100.00 ml/min
3/15/2021 2:56 PM	26:43	5.57 pH	18.24 °C	20.07 µS/cm	6.68 mg/L	0.44 NTU	217.0 mV	20.80 ft	100.00 ml/min
3/15/2021 3:01 PM	31:43	5.56 pH	18.03 °C	20.01 µS/cm	6.61 mg/L	0.47 NTU	219.9 mV	20.90 ft	100.00 ml/min
3/15/2021 3:06 PM	36:43	5.55 pH	17.96 °C	20.04 µS/cm	6.68 mg/L	0.62 NTU	221.3 mV	21.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 3/15/2021 1:08:18 PM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWA-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 50.07 ft Total Depth: 60.07 ft Initial Depth to Water: 42.65 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 55 ft Estimated Total Volume Pumped: 20.1 liter Flow Cell Volume: 130 ml Final Flow Rate: 175 ml/min Final Draw Down: 1 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1500, cloudy 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/15/2021 1:08 PM	00:00	5.86 pH	21.38 °C	62.77 µS/cm	8.22 mg/L	3.46 NTU	212.0 mV	42.65 ft	225.00 ml/min
3/15/2021 1:13 PM	05:00	5.29 pH	17.71 °C	47.04 µS/cm	7.78 mg/L	111 NTU	231.4 mV	42.70 ft	225.00 ml/min
3/15/2021 1:18 PM	10:00	5.16 pH	17.61 °C	45.72 µS/cm	7.71 mg/L	214 NTU	238.7 mV	42.70 ft	225.00 ml/min
3/15/2021 1:23 PM	15:00	5.13 pH	17.57 °C	45.19 µS/cm	7.69 mg/L	319 NTU	236.9 mV	42.70 ft	225.00 ml/min
3/15/2021 1:28 PM	20:00	5.08 pH	17.66 °C	45.47 µS/cm	7.69 mg/L	494 NTU	243.0 mV	42.70 ft	225.00 ml/min
3/15/2021 1:33 PM	25:00	5.08 pH	17.91 °C	44.93 µS/cm	7.66 mg/L	317 NTU	244.6 mV	42.70 ft	225.00 ml/min
3/15/2021 1:38 PM	30:00	5.06 pH	18.12 °C	44.52 µS/cm	7.65 mg/L	210 NTU	245.2 mV	42.70 ft	225.00 ml/min
3/15/2021 1:43 PM	35:00	5.10 pH	18.10 °C	44.63 µS/cm	7.68 mg/L	185 NTU	245.1 mV	42.70 ft	225.00 ml/min
3/15/2021 1:48 PM	40:00	5.12 pH	17.94 °C	44.55 µS/cm	7.67 mg/L	159 NTU	244.3 mV	42.70 ft	225.00 ml/min
3/15/2021 1:53 PM	45:00	5.16 pH	18.15 °C	44.50 µS/cm	7.61 mg/L	97.2 NTU	244.0 mV	42.70 ft	175.00 ml/min
3/15/2021 1:58 PM	50:00	5.20 pH	17.97 °C	44.43 µS/cm	7.65 mg/L	91.6 NTU	243.9 mV	42.70 ft	175.00 ml/min
3/15/2021 2:03 PM	55:00	5.23 pH	17.77 °C	44.47 µS/cm	7.65 mg/L	78.8 NTU	241.3 mV	42.70 ft	175.00 ml/min
3/15/2021 2:08 PM	01:00:00	5.27 pH	18.02 °C	44.40 µS/cm	7.66 mg/L	47.7 NTU	242.4 mV	42.70 ft	175.00 ml/min
3/15/2021 2:13 PM	01:05:00	5.29 pH	18.04 °C	44.51 µS/cm	7.66 mg/L	43.5 NTU	240.4 mV	42.70 ft	175.00 ml/min
3/15/2021 2:18 PM	01:10:00	5.35 pH	18.13 °C	44.21 µS/cm	7.65 mg/L	36.4 NTU	236.9 mV	42.70 ft	175.00 ml/min

3/15/2021 2:23 PM	01:15:00	5.38 pH	18.34 °C	44.46 µS/cm	7.64 mg/L	26.8 NTU	239.3 mV	42.70 ft	175.00 ml/min
3/15/2021 2:28 PM	01:20:00	5.40 pH	17.90 °C	44.47 µS/cm	7.62 mg/L	14.4 NTU	237.3 mV	42.70 ft	175.00 ml/min
3/15/2021 2:33 PM	01:25:00	5.43 pH	18.05 °C	44.35 µS/cm	7.62 mg/L	13.4 NTU	238.8 mV	42.70 ft	175.00 ml/min
3/15/2021 2:38 PM	01:30:00	5.42 pH	17.88 °C	44.37 µS/cm	7.62 mg/L	12.6 NTU	239.3 mV	42.70 ft	175.00 ml/min
3/15/2021 2:43 PM	01:35:00	5.43 pH	17.75 °C	44.43 µS/cm	7.65 mg/L	7.44 NTU	237.4 mV	42.70 ft	175.00 ml/min
3/15/2021 2:48 PM	01:40:00	5.42 pH	17.89 °C	44.39 µS/cm	7.62 mg/L	6.72 NTU	241.4 mV	42.70 ft	175.00 ml/min
3/15/2021 2:53 PM	01:45:00	5.40 pH	17.64 °C	44.43 µS/cm	7.63 mg/L	5.46 NTU	242.1 mV	42.70 ft	175.00 ml/min
3/15/2021 2:58 PM	01:50:00	5.44 pH	17.96 °C	44.43 µS/cm	7.62 mg/L	4.50 NTU	242.8 mV	42.70 ft	175.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/15/2021 3:34:23 PM

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: 21.1 ft Total Depth: 31.16 ft Initial Depth to Water: 22.08 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 27 ft Estimated Total Volume Pumped: 24.8 liter Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 30.2 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1645, cloudy 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/15/2021 3:34 PM	00:00	5.40 pH	18.66 °C	229.55 µS/cm	4.80 mg/L	18.65 NTU	228.9 mV	22.08 ft	350.00 ml/min
3/15/2021 3:39 PM	05:00	5.26 pH	17.06 °C	224.02 µS/cm	6.68 mg/L	1.86 NTU	251.4 mV	22.70 ft	350.00 ml/min
3/15/2021 3:44 PM	10:00	5.18 pH	17.08 °C	225.44 µS/cm	6.87 mg/L	5.31 NTU	258.6 mV	23.00 ft	350.00 ml/min
3/15/2021 3:49 PM	15:00	5.18 pH	17.15 °C	235.43 µS/cm	6.50 mg/L	4.38 NTU	259.8 mV	23.30 ft	350.00 ml/min
3/15/2021 3:54 PM	20:00	5.20 pH	17.09 °C	237.92 µS/cm	6.15 mg/L	2.56 NTU	259.2 mV	23.60 ft	350.00 ml/min
3/15/2021 3:59 PM	25:00	5.21 pH	17.00 °C	237.53 µS/cm	5.73 mg/L	0.75 NTU	259.2 mV	23.80 ft	350.00 ml/min
3/15/2021 4:04 PM	30:00	5.24 pH	16.95 °C	239.25 µS/cm	5.63 mg/L	0.76 NTU	259.0 mV	24.10 ft	350.00 ml/min
3/15/2021 4:09 PM	35:00	5.25 pH	16.99 °C	242.70 µS/cm	5.08 mg/L	0.83 NTU	259.2 mV	24.20 ft	350.00 ml/min
3/15/2021 4:14 PM	40:00	5.26 pH	17.18 °C	242.53 µS/cm	4.56 mg/L	0.40 NTU	259.2 mV	24.30 ft	350.00 ml/min
3/15/2021 4:19 PM	45:00	5.26 pH	17.26 °C	241.74 µS/cm	4.18 mg/L	3.39 NTU	258.9 mV	24.40 ft	350.00 ml/min
3/15/2021 4:24 PM	50:00	5.26 pH	17.42 °C	240.62 µS/cm	3.37 mg/L	0.29 NTU	259.0 mV	24.50 ft	350.00 ml/min
3/15/2021 4:29 PM	55:00	5.26 pH	17.45 °C	240.15 µS/cm	3.00 mg/L	0.24 NTU	259.0 mV	24.50 ft	350.00 ml/min
3/15/2021 4:34 PM	01:00:00	5.28 pH	17.35 °C	239.84 µS/cm	2.95 mg/L	1.20 NTU	259.5 mV	24.60 ft	350.00 ml/min
3/15/2021 4:39 PM	01:05:00	5.28 pH	17.37 °C	240.05 µS/cm	2.70 mg/L	1.20 NTU	260.3 mV	24.60 ft	350.00 ml/min
3/15/2021 4:44 PM	01:10:00	5.28 pH	17.42 °C	239.23 µS/cm	2.90 mg/L	2.25 NTU	260.9 mV	24.60 ft	350.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/15/2021 2:31:08 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWA-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.61 ft Total Depth: 40.61 ft Initial Depth to Water: 19.98 ft	Pump Type: Portable Bladder Pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 3.84 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Cloudy, 70s, sample time-1500

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/15/2021 2:31 PM	00:00	6.17 pH	19.36 °C	146.79 µS/cm	1.29 mg/L	77.76 NTU	202.9 mV	19.98 ft	200.00 ml/min
3/15/2021 2:36 PM	05:00	6.01 pH	17.91 °C	149.49 µS/cm	0.38 mg/L	5.43 NTU	201.1 mV	20.20 ft	200.00 ml/min
3/15/2021 2:41 PM	10:00	5.98 pH	17.60 °C	148.16 µS/cm	0.22 mg/L	3.77 NTU	195.7 mV	20.30 ft	200.00 ml/min
3/15/2021 2:46 PM	15:00	5.97 pH	17.44 °C	146.44 µS/cm	0.16 mg/L	2.09 NTU	161.3 mV	20.30 ft	200.00 ml/min
3/15/2021 2:51 PM	20:00	5.98 pH	17.47 °C	143.90 µS/cm	0.15 mg/L	1.75 NTU	131.3 mV	20.30 ft	200.00 ml/min
3/15/2021 2:56 PM	25:00	5.99 pH	17.34 °C	140.42 µS/cm	0.20 mg/L	0.96 NTU	112.7 mV	20.30 ft	200.00 ml/min
3/15/2021 3:01 PM	30:00	6.00 pH	17.29 °C	140.35 µS/cm	0.22 mg/L	0.96 NTU	99.3 mV	20.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:17:25 PM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30 ft Total Depth: 40.68 ft Initial Depth to Water: 15.26 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 2.04 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 13:20. Light rain, 60 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/17/2021 12:17 PM	00:00	6.80 pH	16.67 °C	289.89 µS/cm	4.68 mg/L	0.27 NTU	123.3 mV	15.26 ft	150.00 ml/min
3/17/2021 12:22 PM	05:00	6.87 pH	16.64 °C	289.60 µS/cm	4.37 mg/L	0.96 NTU	131.7 mV	16.30 ft	150.00 ml/min
3/17/2021 12:27 PM	10:00	6.85 pH	16.64 °C	288.37 µS/cm	4.13 mg/L	0.81 NTU	139.8 mV	16.60 ft	150.00 ml/min
3/17/2021 12:32 PM	15:00	6.83 pH	16.71 °C	287.24 µS/cm	3.96 mg/L	0.74 NTU	145.8 mV	16.80 ft	150.00 ml/min
3/17/2021 12:37 PM	20:00	6.81 pH	16.66 °C	287.03 µS/cm	3.75 mg/L	0.48 NTU	149.8 mV	16.90 ft	150.00 ml/min
3/17/2021 12:42 PM	25:00	6.78 pH	16.75 °C	287.23 µS/cm	3.22 mg/L	0.53 NTU	118.8 mV	17.00 ft	150.00 ml/min
3/17/2021 12:47 PM	30:00	6.76 pH	16.76 °C	285.78 µS/cm	3.22 mg/L	0.36 NTU	98.4 mV	17.00 ft	150.00 ml/min
3/17/2021 12:52 PM	35:00	6.71 pH	16.80 °C	285.25 µS/cm	2.61 mg/L	0.75 NTU	80.5 mV	17.10 ft	150.00 ml/min
3/17/2021 12:57 PM	40:00	6.69 pH	16.81 °C	284.04 µS/cm	2.37 mg/L	0.55 NTU	65.4 mV	17.20 ft	150.00 ml/min
3/17/2021 1:02 PM	45:00	6.65 pH	16.83 °C	283.95 µS/cm	1.98 mg/L	0.41 NTU	59.6 mV	17.30 ft	150.00 ml/min
3/17/2021 1:07 PM	50:00	6.62 pH	16.89 °C	284.04 µS/cm	1.53 mg/L	0.74 NTU	47.0 mV	17.30 ft	150.00 ml/min
3/17/2021 1:12 PM	55:00	6.61 pH	16.93 °C	282.29 µS/cm	1.51 mg/L	0.31 NTU	47.3 mV	17.30 ft	150.00 ml/min
3/17/2021 1:17 PM	01:00:00	6.62 pH	16.92 °C	283.37 µS/cm	1.57 mg/L	0.24 NTU	46.7 mV	17.30 ft	150.00 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 3/17/2021 10:39:50 AM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21 ft Total Depth: 31.08 ft Initial Depth to Water: 17.2 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 26 ft Estimated Total Volume Pumped: 11000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 11:37. Rainy, 60 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/17/2021 10:39 AM	00:00	5.94 pH	16.18 °C	154.88 µS/cm	2.14 mg/L	0.00 NTU	207.0 mV	17.20 ft	200.00 ml/min
3/17/2021 10:44 AM	05:00	5.97 pH	16.69 °C	141.13 µS/cm	1.52 mg/L	0.18 NTU	244.7 mV	17.40 ft	200.00 ml/min
3/17/2021 10:49 AM	10:00	6.00 pH	16.81 °C	140.80 µS/cm	1.38 mg/L	0.76 NTU	276.1 mV	17.40 ft	200.00 ml/min
3/17/2021 10:54 AM	15:00	6.01 pH	16.86 °C	146.00 µS/cm	1.21 mg/L	0.86 NTU	236.8 mV	17.40 ft	200.00 ml/min
3/17/2021 10:59 AM	20:00	6.01 pH	16.90 °C	151.04 µS/cm	1.06 mg/L	0.54 NTU	215.1 mV	17.40 ft	200.00 ml/min
3/17/2021 11:04 AM	25:00	6.05 pH	16.90 °C	156.47 µS/cm	0.96 mg/L	0.52 NTU	193.8 mV	17.40 ft	200.00 ml/min
3/17/2021 11:09 AM	30:00	6.05 pH	16.94 °C	164.50 µS/cm	0.80 mg/L	0.66 NTU	178.9 mV	17.40 ft	200.00 ml/min
3/17/2021 11:14 AM	35:00	6.07 pH	16.96 °C	168.54 µS/cm	0.69 mg/L	1.05 NTU	166.2 mV	17.40 ft	200.00 ml/min
3/17/2021 11:19 AM	40:00	6.07 pH	16.95 °C	174.54 µS/cm	0.56 mg/L	0.40 NTU	150.3 mV	17.40 ft	200.00 ml/min
3/17/2021 11:24 AM	45:00	6.09 pH	16.99 °C	179.71 µS/cm	0.47 mg/L	0.37 NTU	136.3 mV	17.40 ft	200.00 ml/min
3/17/2021 11:29 AM	50:00	6.09 pH	16.99 °C	181.91 µS/cm	0.42 mg/L	0.61 NTU	126.1 mV	17.40 ft	200.00 ml/min
3/17/2021 11:34 AM	55:00	6.10 pH	17.01 °C	185.71 µS/cm	0.36 mg/L	0.37 NTU	115.3 mV	17.40 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 10:20:33 AM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 15.9 ft Total Depth: 25.9 ft Initial Depth to Water: 7.94 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 21.5 ft Estimated Total Volume Pumped: 3.3 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 12.7 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1050, light rain 50s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/16/2021 10:20 AM	00:00	6.46 pH	15.26 °C	544.36 µS/cm	2.23 mg/L	2.74 NTU	223.3 mV	7.94 ft	100.00 ml/min
3/16/2021 10:25 AM	05:00	6.48 pH	15.10 °C	535.74 µS/cm	1.17 mg/L	2.10 NTU	220.2 mV	8.70 ft	100.00 ml/min
3/16/2021 10:26 AM	05:38	6.48 pH	15.02 °C	535.14 µS/cm	1.17 mg/L	2.54 NTU	219.7 mV	8.70 ft	100.00 ml/min
3/16/2021 10:26 AM	05:54	6.48 pH	15.03 °C	535.27 µS/cm	1.17 mg/L	2.03 NTU	219.5 mV	8.70 ft	100.00 ml/min
3/16/2021 10:31 AM	10:54	6.50 pH	14.93 °C	534.24 µS/cm	1.10 mg/L	1.69 NTU	217.0 mV	8.80 ft	100.00 ml/min
3/16/2021 10:36 AM	15:54	6.50 pH	14.81 °C	533.01 µS/cm	0.99 mg/L	1.78 NTU	216.3 mV	8.90 ft	100.00 ml/min
3/16/2021 10:41 AM	20:54	6.50 pH	14.83 °C	532.76 µS/cm	0.95 mg/L	2.09 NTU	215.8 mV	9.00 ft	100.00 ml/min
3/16/2021 10:46 AM	25:54	6.50 pH	14.95 °C	532.86 µS/cm	0.91 mg/L	1.77 NTU	215.4 mV	9.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 11:12:54 AM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWC-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 20.03 ft Initial Depth to Water: 8.9 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 9 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.4 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1155, light rain 50s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/16/2021 11:12 AM	00:00	6.42 pH	14.33 °C	220.37 µS/cm	4.00 mg/L	2.96 NTU	200.0 mV	8.90 ft	200.00 ml/min
3/16/2021 11:17 AM	05:00	6.38 pH	14.25 °C	214.13 µS/cm	3.31 mg/L	3.37 NTU	207.7 mV	9.10 ft	200.00 ml/min
3/16/2021 11:22 AM	10:00	6.24 pH	14.14 °C	205.28 µS/cm	2.52 mg/L	0.47 NTU	211.3 mV	9.10 ft	200.00 ml/min
3/16/2021 11:27 AM	15:00	6.12 pH	14.16 °C	205.87 µS/cm	1.95 mg/L	0.41 NTU	213.8 mV	9.10 ft	200.00 ml/min
3/16/2021 11:32 AM	20:00	6.09 pH	14.09 °C	208.76 µS/cm	1.92 mg/L	0.70 NTU	214.4 mV	9.10 ft	200.00 ml/min
3/16/2021 11:37 AM	25:00	6.05 pH	14.02 °C	210.67 µS/cm	1.48 mg/L	0.86 NTU	215.4 mV	9.10 ft	200.00 ml/min
3/16/2021 11:42 AM	30:00	6.02 pH	14.02 °C	213.67 µS/cm	1.26 mg/L	0.83 NTU	216.4 mV	9.10 ft	200.00 ml/min
3/16/2021 11:47 AM	35:00	6.01 pH	13.99 °C	215.23 µS/cm	1.30 mg/L	0.75 NTU	216.0 mV	9.10 ft	200.00 ml/min
3/16/2021 11:52 AM	40:00	5.99 pH	14.04 °C	216.70 µS/cm	1.18 mg/L	0.71 NTU	215.8 mV	9.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 12:15:47 PM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 9.4 ft Total Depth: 19.41 ft Initial Depth to Water: 7.32 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 14 ft Estimated Total Volume Pumped: 11.3 liter Flow Cell Volume: 130 ml Final Flow Rate: 180 ml/min Final Draw Down: 2.2 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1313, light rain 50s, FB-2 here at 1220.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/16/2021 12:15 PM	00:00	5.72 pH	14.09 °C	115.49 µS/cm	0.52 mg/L	7.60 NTU	197.0 mV	7.32 ft	180.00 ml/min
3/16/2021 12:20 PM	05:00	5.72 pH	14.04 °C	115.88 µS/cm	0.31 mg/L	40.9 NTU	179.1 mV	7.50 ft	180.00 ml/min
3/16/2021 12:25 PM	10:00	5.77 pH	13.92 °C	120.13 µS/cm	0.78 mg/L	33.0 NTU	137.6 mV	7.50 ft	180.00 ml/min
3/16/2021 12:30 PM	15:00	5.76 pH	13.98 °C	124.05 µS/cm	0.33 mg/L	35.0 NTU	117.0 mV	7.50 ft	180.00 ml/min
3/16/2021 12:35 PM	20:00	5.77 pH	13.87 °C	126.73 µS/cm	0.28 mg/L	20.0 NTU	103.2 mV	7.50 ft	180.00 ml/min
3/16/2021 12:40 PM	25:00	5.76 pH	13.79 °C	125.18 µS/cm	0.19 mg/L	13.0 NTU	98.6 mV	7.50 ft	180.00 ml/min
3/16/2021 12:45 PM	30:00	5.77 pH	13.85 °C	126.54 µS/cm	0.19 mg/L	10.5 NTU	93.8 mV	7.50 ft	180.00 ml/min
3/16/2021 12:50 PM	35:00	5.77 pH	14.03 °C	128.59 µS/cm	0.14 mg/L	9.10 NTU	89.9 mV	7.50 ft	180.00 ml/min
3/16/2021 12:55 PM	40:00	5.78 pH	13.91 °C	129.12 µS/cm	0.12 mg/L	7.30 NTU	87.4 mV	7.50 ft	180.00 ml/min
3/16/2021 1:00 PM	45:00	5.77 pH	13.93 °C	131.90 µS/cm	0.12 mg/L	6.40 NTU	85.0 mV	7.50 ft	180.00 ml/min
3/16/2021 1:05 PM	50:00	5.77 pH	13.92 °C	130.00 µS/cm	0.11 mg/L	5.20 NTU	85.6 mV	7.50 ft	180.00 ml/min
3/16/2021 1:10 PM	55:00	5.78 pH	13.96 °C	132.41 µS/cm	0.10 mg/L	4.10 NTU	82.6 mV	7.50 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:36:04 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: 12 ft Total Depth: 22 ft Initial Depth to Water: 11.79 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 12 liter Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 74.5 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Purged dry, cloudy 50s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/17/2021 12:36 PM	00:00	6.86 pH	16.23 °C	230.24 µS/cm	3.17 mg/L	13.60 NTU	-6.7 mV	11.79 ft	300.00 ml/min
3/17/2021 12:41 PM	05:00	6.96 pH	16.23 °C	225.64 µS/cm	2.87 mg/L	17.76 NTU	7.6 mV	13.00 ft	300.00 ml/min
3/17/2021 12:46 PM	10:00	6.95 pH	16.17 °C	225.52 µS/cm	2.77 mg/L	14.39 NTU	17.3 mV	13.80 ft	300.00 ml/min
3/17/2021 12:51 PM	15:00	6.88 pH	16.18 °C	224.45 µS/cm	2.58 mg/L	8.16 NTU	25.6 mV	14.60 ft	300.00 ml/min
3/17/2021 12:56 PM	20:00	6.72 pH	16.17 °C	222.65 µS/cm	2.34 mg/L	47.35 NTU	35.7 mV	15.40 ft	300.00 ml/min
3/17/2021 1:01 PM	25:00	6.58 pH	16.13 °C	220.42 µS/cm	2.32 mg/L	34.91 NTU	42.7 mV	16.20 ft	300.00 ml/min
3/17/2021 1:06 PM	30:00	6.56 pH	16.19 °C	223.43 µS/cm	2.20 mg/L	21.97 NTU	44.7 mV	17.00 ft	300.00 ml/min
3/17/2021 1:11 PM	35:00	6.60 pH	16.26 °C	225.09 µS/cm	2.14 mg/L	15.64 NTU	48.2 mV	17.90 ft	300.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 11:27:42 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: 11.8 ft Total Depth: 21.78 ft Initial Depth to Water: 11.63 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 1.5 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 15.2 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1140, sunny 70s. Day 2 log- following purge and recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/18/2021 11:27 AM	00:00	6.30 pH	18.64 °C	171.65 µS/cm	5.78 mg/L	10.7 NTU	179.4 mV	11.63 ft	100.00 ml/min
3/18/2021 11:32 AM	05:00	6.15 pH	18.64 °C	172.30 µS/cm	3.87 mg/L	5.33 NTU	180.8 mV	12.50 ft	100.00 ml/min
3/18/2021 11:37 AM	10:00	6.13 pH	17.87 °C	171.23 µS/cm	3.73 mg/L	4.88 NTU	175.9 mV	12.90 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 11:01:20 AM

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: 8.2 ft Total Depth: 18.23 ft Initial Depth to Water: 6.41 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 13.5 ft Estimated Total Volume Pumped: 13.4 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.1 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1207, cloudy 50s, Dup-3 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/17/2021 11:01 AM	00:00	6.09 pH	14.65 °C	419.62 µS/cm	1.26 mg/L	1.52 NTU	3.9 mV	6.41 ft	200.00 ml/min
3/17/2021 11:06 AM	05:00	6.12 pH	14.70 °C	417.14 µS/cm	0.34 mg/L	3.23 NTU	-14.3 mV	6.50 ft	200.00 ml/min
3/17/2021 11:11 AM	10:00	6.16 pH	14.69 °C	416.31 µS/cm	0.26 mg/L	17.02 NTU	-20.1 mV	6.50 ft	200.00 ml/min
3/17/2021 11:16 AM	15:00	6.17 pH	14.63 °C	418.46 µS/cm	0.22 mg/L	5.90 NTU	-23.2 mV	6.50 ft	200.00 ml/min
3/17/2021 11:21 AM	20:00	6.19 pH	14.61 °C	419.79 µS/cm	0.19 mg/L	6.70 NTU	-23.5 mV	6.50 ft	200.00 ml/min
3/17/2021 11:26 AM	25:00	6.18 pH	14.66 °C	419.95 µS/cm	0.16 mg/L	7.10 NTU	-25.1 mV	6.50 ft	200.00 ml/min
3/17/2021 11:31 AM	30:00	6.20 pH	14.57 °C	422.26 µS/cm	0.14 mg/L	8.12 NTU	-28.0 mV	6.50 ft	200.00 ml/min
3/17/2021 11:36 AM	35:00	6.21 pH	14.61 °C	422.69 µS/cm	0.12 mg/L	8.03 NTU	-29.3 mV	6.50 ft	200.00 ml/min
3/17/2021 11:41 AM	40:00	6.20 pH	14.53 °C	423.70 µS/cm	0.11 mg/L	6.11 NTU	-29.3 mV	6.50 ft	200.00 ml/min
3/17/2021 11:46 AM	45:00	6.21 pH	14.54 °C	424.20 µS/cm	0.10 mg/L	6.29 NTU	-29.6 mV	6.50 ft	200.00 ml/min
3/17/2021 11:51 AM	50:00	6.22 pH	14.55 °C	424.08 µS/cm	0.09 mg/L	5.07 NTU	-30.1 mV	6.50 ft	200.00 ml/min
3/17/2021 11:56 AM	55:00	6.22 pH	14.61 °C	425.11 µS/cm	0.09 mg/L	5.83 NTU	-30.5 mV	6.50 ft	200.00 ml/min
3/17/2021 12:01 PM	01:00:00	6.22 pH	14.61 °C	425.45 µS/cm	0.08 mg/L	6.55 NTU	-31.3 mV	6.50 ft	200.00 ml/min
3/17/2021 12:06 PM	01:05:00	6.23 pH	14.54 °C	426.24 µS/cm	0.08 mg/L	4.14 NTU	-32.5 mV	6.50 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/16/2021 10:13:06 AM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30 ft Total Depth: 40.63 ft Initial Depth to Water: 27.04 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 5000 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.56 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 11:05. Rainy, 50 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/16/2021 10:13 AM	00:00	7.31 pH	16.54 °C	373.65 µS/cm	1.21 mg/L	0.56 NTU	82.9 mV	27.04 ft	100.00 ml/min
3/16/2021 10:18 AM	05:00	7.52 pH	16.39 °C	353.93 µS/cm	0.74 mg/L	1.10 NTU	-36.6 mV	28.30 ft	100.00 ml/min
3/16/2021 10:23 AM	10:00	7.56 pH	16.50 °C	346.27 µS/cm	0.46 mg/L	1.23 NTU	-61.4 mV	28.70 ft	100.00 ml/min
3/16/2021 10:28 AM	15:00	7.57 pH	16.61 °C	342.23 µS/cm	0.35 mg/L	0.52 NTU	-73.9 mV	29.00 ft	100.00 ml/min
3/16/2021 10:33 AM	20:00	7.59 pH	16.60 °C	340.62 µS/cm	0.30 mg/L	0.46 NTU	-84.8 mV	29.20 ft	100.00 ml/min
3/16/2021 10:38 AM	25:00	7.60 pH	16.57 °C	338.30 µS/cm	0.29 mg/L	0.41 NTU	-96.5 mV	29.30 ft	100.00 ml/min
3/16/2021 10:43 AM	30:00	7.60 pH	16.51 °C	337.05 µS/cm	0.27 mg/L	1.10 NTU	-102.2 mV	29.40 ft	100.00 ml/min
3/16/2021 10:48 AM	35:00	7.61 pH	16.54 °C	336.44 µS/cm	0.27 mg/L	1.07 NTU	-110.6 mV	29.50 ft	100.00 ml/min
3/16/2021 10:53 AM	40:00	7.61 pH	16.49 °C	336.22 µS/cm	0.27 mg/L	1.02 NTU	-116.6 mV	29.50 ft	100.00 ml/min
3/16/2021 10:58 AM	45:00	7.62 pH	16.48 °C	335.91 µS/cm	0.26 mg/L	1.11 NTU	-120.6 mV	29.50 ft	100.00 ml/min
3/16/2021 11:03 AM	50:00	7.62 pH	16.41 °C	335.73 µS/cm	0.26 mg/L	1.26 NTU	-123.3 mV	29.60 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 1:34:36 PM

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: 80.4 ft Total Depth: 90.42 ft Initial Depth to Water: 6.01 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 85 ft Estimated Total Volume Pumped: 9.5 liter Flow Cell Volume: 130 ml Final Flow Rate: 225 ml/min Final Draw Down: 6 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1412, cloudy 50s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/17/2021 1:34 PM	00:00	7.35 pH	16.63 °C	66.30 µS/cm	8.08 mg/L	4.06 NTU	56.7 mV	6.01 ft	225.00 ml/min
3/17/2021 1:39 PM	05:00	7.38 pH	16.72 °C	66.94 µS/cm	8.02 mg/L	1.47 NTU	52.6 mV	6.10 ft	225.00 ml/min
3/17/2021 1:44 PM	10:00	7.41 pH	16.70 °C	66.34 µS/cm	8.03 mg/L	1.46 NTU	54.1 mV	6.10 ft	225.00 ml/min
3/17/2021 1:49 PM	15:00	7.36 pH	16.79 °C	65.96 µS/cm	7.65 mg/L	0.51 NTU	56.7 mV	6.10 ft	225.00 ml/min
3/17/2021 1:54 PM	20:00	7.29 pH	16.80 °C	65.84 µS/cm	7.05 mg/L	5.13 NTU	59.5 mV	6.10 ft	225.00 ml/min
3/17/2021 1:59 PM	25:00	7.24 pH	16.77 °C	65.63 µS/cm	6.30 mg/L	2.70 NTU	61.4 mV	6.10 ft	225.00 ml/min
3/17/2021 2:04 PM	30:00	7.21 pH	16.76 °C	65.63 µS/cm	6.03 mg/L	0.16 NTU	62.9 mV	6.10 ft	225.00 ml/min
3/17/2021 2:09 PM	35:00	7.19 pH	16.76 °C	65.57 µS/cm	6.01 mg/L	0.38 NTU	64.7 mV	6.10 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 2:38:44 PM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 14.5 ft Total Depth: 24.55 ft Initial Depth to Water: 9.62 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 19.5 ft Estimated Total Volume Pumped: 23.6 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 1 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1635, rain 60s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/17/2021 2:38 PM	00:00	5.29 pH	16.09 °C	575.21 µS/cm	2.35 mg/L	92.28 NTU	118.9 mV	9.62 ft	200.00 ml/min
3/17/2021 2:43 PM	05:00	5.23 pH	15.99 °C	606.54 µS/cm	0.40 mg/L	136.75 NTU	129.8 mV	9.70 ft	200.00 ml/min
3/17/2021 2:48 PM	10:00	5.22 pH	16.04 °C	610.90 µS/cm	0.26 mg/L	179.51 NTU	137.0 mV	9.70 ft	200.00 ml/min
3/17/2021 2:53 PM	15:00	5.24 pH	16.07 °C	610.65 µS/cm	1.26 mg/L	76.21 NTU	137.2 mV	9.70 ft	200.00 ml/min
3/17/2021 2:58 PM	20:00	5.24 pH	16.00 °C	627.37 µS/cm	0.27 mg/L	27.03 NTU	142.0 mV	9.70 ft	200.00 ml/min
3/17/2021 3:03 PM	25:00	5.24 pH	16.01 °C	638.67 µS/cm	0.17 mg/L	22.08 NTU	143.4 mV	9.70 ft	200.00 ml/min
3/17/2021 3:08 PM	30:00	5.27 pH	15.99 °C	624.82 µS/cm	0.13 mg/L	23.00 NTU	143.6 mV	9.70 ft	200.00 ml/min
3/17/2021 3:13 PM	35:00	5.26 pH	16.05 °C	632.86 µS/cm	0.10 mg/L	28.45 NTU	144.8 mV	9.70 ft	200.00 ml/min
3/17/2021 3:18 PM	40:00	5.27 pH	15.98 °C	635.25 µS/cm	0.09 mg/L	21.14 NTU	145.4 mV	9.70 ft	200.00 ml/min
3/17/2021 3:23 PM	45:00	5.26 pH	16.00 °C	637.59 µS/cm	0.09 mg/L	15.79 NTU	146.2 mV	9.70 ft	200.00 ml/min
3/17/2021 3:28 PM	50:00	5.25 pH	15.98 °C	642.87 µS/cm	0.09 mg/L	13.83 NTU	146.5 mV	9.70 ft	200.00 ml/min
3/17/2021 3:33 PM	55:00	5.28 pH	16.01 °C	637.80 µS/cm	0.09 mg/L	17.21 NTU	145.8 mV	9.70 ft	200.00 ml/min
3/17/2021 3:38 PM	01:00:00	5.26 pH	15.98 °C	645.95 µS/cm	0.09 mg/L	20.99 NTU	145.9 mV	9.70 ft	200.00 ml/min
3/17/2021 3:43 PM	01:05:00	5.27 pH	15.98 °C	640.34 µS/cm	0.09 mg/L	10.44 NTU	145.7 mV	9.70 ft	200.00 ml/min
3/17/2021 3:48 PM	01:10:00	5.28 pH	15.96 °C	641.50 µS/cm	0.08 mg/L	14.25 NTU	144.1 mV	9.70 ft	200.00 ml/min

3/17/2021 3:53 PM	01:15:00	5.28 pH	15.99 °C	643.69 µS/cm	0.09 mg/L	10.88 NTU	143.8 mV	9.70 ft	200.00 ml/min
3/17/2021 3:58 PM	01:20:00	5.29 pH	15.97 °C	637.51 µS/cm	0.08 mg/L	9.03 NTU	143.6 mV	9.70 ft	200.00 ml/min
3/17/2021 4:03 PM	01:25:00	5.30 pH	15.99 °C	632.68 µS/cm	0.08 mg/L	16.27 NTU	142.2 mV	9.70 ft	200.00 ml/min
3/17/2021 4:08 PM	01:30:00	5.28 pH	15.97 °C	639.12 µS/cm	0.08 mg/L	6.91 NTU	142.6 mV	9.70 ft	200.00 ml/min
3/17/2021 4:13 PM	01:35:00	5.29 pH	15.97 °C	637.12 µS/cm	0.08 mg/L	7.31 NTU	142.0 mV	9.70 ft	200.00 ml/min
3/17/2021 4:18 PM	01:40:00	5.28 pH	15.94 °C	644.47 µS/cm	0.07 mg/L	5.75 NTU	142.4 mV	9.70 ft	200.00 ml/min
3/17/2021 4:23 PM	01:45:00	5.29 pH	15.95 °C	637.11 µS/cm	0.07 mg/L	6.78 NTU	141.5 mV	9.70 ft	200.00 ml/min
3/17/2021 4:28 PM	01:50:00	5.28 pH	15.93 °C	639.66 µS/cm	0.07 mg/L	3.57 NTU	141.2 mV	9.70 ft	200.00 ml/min
3/17/2021 4:33 PM	01:55:00	5.31 pH	15.94 °C	630.26 µS/cm	0.07 mg/L	4.14 NTU	139.9 mV	9.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 10:32:38 AM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

Location Name: GWC-15 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41 ft Total Depth: 51.06 ft Initial Depth to Water: 6.34 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 46 ft Estimated Total Volume Pumped: 10 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.9 in	Instrument Used: Aqua TROLL 500 Serial Number: 608421
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Test Notes:

Sampled at 1105, sunny 60s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
3/18/2021 10:32 AM	00:00	7.26 pH	16.84 °C	89.40 µS/cm	7.46 mg/L	0.48 NTU	205.9 mV	6.34 ft	200.00 ml/min
3/18/2021 10:37 AM	05:00	7.23 pH	16.78 °C	90.61 µS/cm	7.12 mg/L	1.55 NTU	194.9 mV	6.45 ft	200.00 ml/min
3/18/2021 10:42 AM	10:00	7.07 pH	16.80 °C	93.77 µS/cm	5.93 mg/L	2.33 NTU	190.4 mV	6.45 ft	200.00 ml/min
3/18/2021 10:47 AM	15:00	7.03 pH	16.90 °C	96.09 µS/cm	5.27 mg/L	0.15 NTU	188.1 mV	6.45 ft	200.00 ml/min
3/18/2021 10:52 AM	20:00	6.98 pH	16.94 °C	98.42 µS/cm	4.49 mg/L	0.10 NTU	185.7 mV	6.45 ft	200.00 ml/min
3/18/2021 10:57 AM	25:00	6.97 pH	16.90 °C	97.74 µS/cm	4.39 mg/L	1.36 NTU	183.3 mV	6.50 ft	200.00 ml/min
3/18/2021 11:02 AM	30:00	6.92 pH	16.87 °C	99.40 µS/cm	4.25 mg/L	0.28 NTU	182.8 mV	6.50 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 1:50:40 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16 ft Total Depth: 26.97 ft Initial Depth to Water: 10.05 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1425, rainy 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
3/17/2021 1:50 PM	00:00	6.51 pH	17.12 °C	120.89 µS/cm	3.93 mg/L	0.23 NTU	51.8 mV	10.05 ft	200.00 ml/min
3/17/2021 1:55 PM	05:00	6.45 pH	17.11 °C	115.51 µS/cm	3.74 mg/L	0.63 NTU	72.6 mV	10.10 ft	200.00 ml/min
3/17/2021 2:00 PM	10:00	6.36 pH	17.08 °C	107.29 µS/cm	3.63 mg/L	1.26 NTU	87.7 mV	10.10 ft	200.00 ml/min
3/17/2021 2:05 PM	15:00	6.25 pH	17.07 °C	97.26 µS/cm	3.52 mg/L	1.03 NTU	100.9 mV	10.10 ft	200.00 ml/min
3/17/2021 2:10 PM	20:00	6.19 pH	17.03 °C	92.10 µS/cm	3.46 mg/L	0.96 NTU	112.2 mV	10.10 ft	200.00 ml/min
3/17/2021 2:15 PM	25:00	6.16 pH	17.05 °C	90.25 µS/cm	3.42 mg/L	0.85 NTU	121.1 mV	10.10 ft	200.00 ml/min
3/17/2021 2:20 PM	30:00	6.16 pH	17.03 °C	89.67 µS/cm	3.41 mg/L	0.70 NTU	128.2 mV	10.10 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 1:19:06 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 43 ft Total Depth: 53.34 ft Initial Depth to Water: 20.15 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 48 ft Estimated Total Volume Pumped: 4552.5 ml Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.25 ft	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1350, dup-2 here, rainy 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
3/16/2021 1:19 PM	00:00	6.94 pH	15.79 °C	107.10 µS/cm	3.02 mg/L	0.56 NTU	153.8 mV	20.15 ft	150.00 ml/min
3/16/2021 1:24 PM	05:00	6.25 pH	16.76 °C	106.21 µS/cm	2.70 mg/L	0.68 NTU	157.2 mV	20.90 ft	150.00 ml/min
3/16/2021 1:29 PM	10:00	6.24 pH	16.79 °C	103.18 µS/cm	2.62 mg/L	1.26 NTU	159.1 mV	21.20 ft	150.00 ml/min
3/16/2021 1:34 PM	15:03	6.23 pH	16.75 °C	102.47 µS/cm	2.59 mg/L	0.95 NTU	161.9 mV	21.30 ft	150.00 ml/min
3/16/2021 1:39 PM	20:03	6.22 pH	16.84 °C	102.50 µS/cm	2.53 mg/L	0.65 NTU	164.3 mV	21.40 ft	150.00 ml/min
3/16/2021 1:39 PM	20:21	6.22 pH	16.83 °C	102.52 µS/cm	2.54 mg/L	0.72 NTU	164.6 mV	21.40 ft	150.00 ml/min
3/16/2021 1:44 PM	25:21	6.22 pH	16.85 °C	102.50 µS/cm	2.53 mg/L	0.69 NTU	167.1 mV	21.40 ft	150.00 ml/min
3/16/2021 1:49 PM	30:21	6.22 pH	16.87 °C	102.34 µS/cm	2.52 mg/L	0.76 NTU	169.0 mV	21.40 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 2:31:01 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 20 ft Total Depth: 30.51 ft Initial Depth to Water: 13.3 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1505

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
3/16/2021 2:31 PM	00:00	6.05 pH	15.51 °C	96.78 µS/cm	1.69 mg/L	0.39 NTU	173.3 mV	13.30 ft	150.00 ml/min
3/16/2021 2:36 PM	05:00	6.03 pH	15.66 °C	96.29 µS/cm	0.86 mg/L	0.98 NTU	180.0 mV	13.30 ft	150.00 ml/min
3/16/2021 2:41 PM	10:00	6.03 pH	15.66 °C	96.33 µS/cm	0.69 mg/L	1.05 NTU	187.5 mV	13.30 ft	150.00 ml/min
3/16/2021 2:46 PM	15:00	6.02 pH	15.68 °C	96.29 µS/cm	0.64 mg/L	1.23 NTU	194.1 mV	13.40 ft	150.00 ml/min
3/16/2021 2:51 PM	20:00	6.03 pH	15.74 °C	96.25 µS/cm	0.62 mg/L	0.83 NTU	201.3 mV	13.40 ft	150.00 ml/min
3/16/2021 2:56 PM	25:00	6.03 pH	15.68 °C	96.25 µS/cm	0.62 mg/L	1.18 NTU	207.4 mV	13.40 ft	150.00 ml/min
3/16/2021 3:01 PM	30:00	6.02 pH	15.72 °C	96.21 µS/cm	0.60 mg/L	1.13 NTU	214.1 mV	13.40 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 2:15:36 PM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.56 ft Initial Depth to Water: 7.29 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.31 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 14:47. Light rain, 60 s. EB-3 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/17/2021 2:15 PM	00:00	6.05 pH	15.15 °C	93.99 µS/cm	2.04 mg/L	0.77 NTU	137.7 mV	7.29 ft	150.00 ml/min
3/17/2021 2:20 PM	05:00	6.00 pH	14.99 °C	94.30 µS/cm	1.73 mg/L	1.12 NTU	166.7 mV	7.90 ft	150.00 ml/min
3/17/2021 2:25 PM	10:00	6.01 pH	14.99 °C	94.37 µS/cm	1.66 mg/L	0.75 NTU	179.5 mV	8.50 ft	150.00 ml/min
3/17/2021 2:30 PM	15:00	5.99 pH	15.11 °C	92.18 µS/cm	1.47 mg/L	0.32 NTU	182.7 mV	8.50 ft	150.00 ml/min
3/17/2021 2:35 PM	20:00	5.96 pH	15.17 °C	90.21 µS/cm	1.24 mg/L	0.61 NTU	178.9 mV	8.60 ft	150.00 ml/min
3/17/2021 2:40 PM	25:00	5.97 pH	15.23 °C	89.96 µS/cm	1.23 mg/L	0.48 NTU	172.8 mV	8.60 ft	150.00 ml/min
3/17/2021 2:45 PM	30:00	5.95 pH	15.31 °C	88.62 µS/cm	1.12 mg/L	0.47 NTU	170.2 mV	8.60 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 1:48:34 PM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61 ft Total Depth: 71.08 ft Initial Depth to Water: 4.94 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 66 ft Estimated Total Volume Pumped: 16000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.26 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 15:10. Rainy, 50 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/16/2021 1:48 PM	00:00	6.86 pH	14.72 °C	110.55 µS/cm	8.22 mg/L	0.11 NTU	150.0 mV	4.94 ft	200.00 ml/min
3/16/2021 1:53 PM	05:00	6.99 pH	15.01 °C	110.34 µS/cm	8.14 mg/L	0.18 NTU	152.7 mV	5.10 ft	200.00 ml/min
3/16/2021 1:58 PM	10:00	7.01 pH	15.11 °C	110.19 µS/cm	8.02 mg/L	0.26 NTU	155.4 mV	5.10 ft	200.00 ml/min
3/16/2021 2:03 PM	15:00	6.69 pH	15.24 °C	109.10 µS/cm	4.66 mg/L	0.13 NTU	166.2 mV	5.10 ft	200.00 ml/min
3/16/2021 2:08 PM	20:00	6.47 pH	15.40 °C	108.91 µS/cm	2.94 mg/L	0.12 NTU	177.3 mV	5.10 ft	200.00 ml/min
3/16/2021 2:13 PM	25:00	6.42 pH	15.53 °C	108.83 µS/cm	2.22 mg/L	0.10 NTU	183.3 mV	5.10 ft	200.00 ml/min
3/16/2021 2:18 PM	30:00	6.38 pH	15.47 °C	108.70 µS/cm	1.58 mg/L	0.09 NTU	189.4 mV	5.10 ft	200.00 ml/min
3/16/2021 2:23 PM	35:00	6.35 pH	15.56 °C	108.66 µS/cm	1.13 mg/L	0.17 NTU	194.1 mV	5.20 ft	200.00 ml/min
3/16/2021 2:28 PM	40:00	6.34 pH	15.59 °C	108.62 µS/cm	0.88 mg/L	0.10 NTU	197.4 mV	5.20 ft	200.00 ml/min
3/16/2021 2:33 PM	45:00	6.33 pH	15.63 °C	108.71 µS/cm	0.79 mg/L	0.10 NTU	200.3 mV	5.20 ft	200.00 ml/min
3/16/2021 2:38 PM	50:00	6.33 pH	15.56 °C	108.70 µS/cm	0.67 mg/L	0.11 NTU	202.3 mV	5.20 ft	200.00 ml/min
3/16/2021 2:43 PM	55:00	6.33 pH	15.65 °C	108.79 µS/cm	0.62 mg/L	0.10 NTU	205.0 mV	5.20 ft	200.00 ml/min
3/16/2021 2:48 PM	01:00:00	6.32 pH	15.70 °C	108.98 µS/cm	0.45 mg/L	0.14 NTU	207.0 mV	5.20 ft	200.00 ml/min
3/16/2021 2:53 PM	01:05:00	6.33 pH	15.72 °C	109.11 µS/cm	0.43 mg/L	0.27 NTU	208.5 mV	5.20 ft	200.00 ml/min
3/16/2021 2:58 PM	01:10:00	6.32 pH	15.59 °C	109.06 µS/cm	0.37 mg/L	0.12 NTU	209.8 mV	5.20 ft	200.00 ml/min

3/16/2021 3:03 PM	01:15:00	6.32 pH	15.67 °C	109.17 µS/cm	0.35 mg/L	0.10 NTU	211.4 mV	5.20 ft	200.00 ml/min
3/16/2021 3:08 PM	01:20:00	6.33 pH	15.67 °C	109.17 µS/cm	0.36 mg/L	0.09 NTU	212.3 mV	5.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 11:50:30 AM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.3 ft Initial Depth to Water: 13.03 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 5625 ml Flow Cell Volume: 130 ml Final Flow Rate: 125 ml/min Final Draw Down: 2.97 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 12:35. Rainy, 50 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/16/2021 11:50 AM	00:00	5.65 pH	14.95 °C	70.79 µS/cm	3.04 mg/L	0.22 NTU	189.2 mV	13.03 ft	125.00 ml/min
3/16/2021 11:55 AM	05:00	5.57 pH	15.07 °C	70.57 µS/cm	2.86 mg/L	0.42 NTU	222.4 mV	14.30 ft	125.00 ml/min
3/16/2021 12:00 PM	10:00	5.55 pH	15.12 °C	70.73 µS/cm	2.81 mg/L	0.49 NTU	242.5 mV	15.00 ft	125.00 ml/min
3/16/2021 12:05 PM	15:00	5.55 pH	15.15 °C	70.73 µS/cm	2.73 mg/L	0.54 NTU	258.1 mV	15.30 ft	125.00 ml/min
3/16/2021 12:10 PM	20:00	5.54 pH	15.13 °C	70.37 µS/cm	2.55 mg/L	0.39 NTU	256.9 mV	15.60 ft	125.00 ml/min
3/16/2021 12:15 PM	25:00	5.53 pH	15.12 °C	69.91 µS/cm	2.35 mg/L	0.48 NTU	239.0 mV	15.80 ft	125.00 ml/min
3/16/2021 12:20 PM	30:00	5.51 pH	15.20 °C	69.95 µS/cm	2.25 mg/L	0.92 NTU	230.2 mV	15.80 ft	125.00 ml/min
3/16/2021 12:25 PM	35:00	5.49 pH	15.24 °C	69.65 µS/cm	2.07 mg/L	0.30 NTU	222.0 mV	15.90 ft	125.00 ml/min
3/16/2021 12:30 PM	40:00	5.49 pH	15.18 °C	69.48 µS/cm	1.99 mg/L	0.30 NTU	220.1 mV	16.00 ft	125.00 ml/min
3/16/2021 12:35 PM	45:00	5.47 pH	15.15 °C	69.22 µS/cm	1.84 mg/L	0.50 NTU	217.5 mV	16.00 ft	125.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/15/2021 3:52:07 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 67 ft Total Depth: 77.15 ft Initial Depth to Water: 21.85 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 72 ft Estimated Total Volume Pumped: 5250 ml Flow Cell Volume: 130 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.65 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 1630, field blank 1 here, cloudy 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/15/2021 3:52 PM	00:00	6.71 pH	19.38 °C	120.19 µS/cm	5.75 mg/L	0.26 NTU	147.4 mV	21.85 ft	150.00 ml/min
3/15/2021 3:57 PM	05:00	6.93 pH	17.64 °C	122.51 µS/cm	5.28 mg/L	0.28 NTU	149.4 mV	22.30 ft	150.00 ml/min
3/15/2021 4:02 PM	10:00	6.96 pH	17.51 °C	122.56 µS/cm	5.25 mg/L	0.17 NTU	150.2 mV	22.40 ft	150.00 ml/min
3/15/2021 4:07 PM	15:00	6.97 pH	17.30 °C	122.25 µS/cm	5.13 mg/L	0.21 NTU	151.1 mV	22.40 ft	150.00 ml/min
3/15/2021 4:12 PM	20:00	6.92 pH	17.35 °C	121.63 µS/cm	4.53 mg/L	0.17 NTU	152.1 mV	22.50 ft	150.00 ml/min
3/15/2021 4:17 PM	25:00	6.84 pH	17.34 °C	120.53 µS/cm	4.10 mg/L	0.16 NTU	154.7 mV	22.50 ft	150.00 ml/min
3/15/2021 4:22 PM	30:00	6.80 pH	17.41 °C	120.27 µS/cm	3.91 mg/L	0.12 NTU	156.4 mV	22.50 ft	150.00 ml/min
3/15/2021 4:27 PM	35:00	6.78 pH	17.48 °C	120.04 µS/cm	3.81 mg/L	0.20 NTU	157.9 mV	22.50 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 11:07:36 AM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWC-23 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 58 ft Total Depth: 68.05 ft Initial Depth to Water: 34.38 ft	Pump Type: Bladder pump Tubing Type: Poly Pump Intake From TOC: 63 ft Estimated Total Volume Pumped: 7875 ml Flow Cell Volume: 130 ml Final Flow Rate: 225 ml/min Final Draw Down: 1.12 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 11:45. Sunny, 70 s. FB-4 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/18/2021 11:07 AM	00:00	6.13 pH	17.92 °C	59.71 µS/cm	5.48 mg/L	2.09 NTU	190.2 mV	34.38 ft	225.00 ml/min
3/18/2021 11:12 AM	05:00	6.06 pH	17.43 °C	54.21 µS/cm	5.27 mg/L	17.4 NTU	188.7 mV	35.40 ft	225.00 ml/min
3/18/2021 11:17 AM	10:00	6.08 pH	17.77 °C	53.47 µS/cm	5.15 mg/L	9.84 NTU	191.4 mV	35.50 ft	225.00 ml/min
3/18/2021 11:22 AM	15:00	6.07 pH	17.81 °C	52.74 µS/cm	5.12 mg/L	12.3 NTU	193.2 mV	35.50 ft	225.00 ml/min
3/18/2021 11:27 AM	20:00	6.01 pH	17.87 °C	51.55 µS/cm	5.04 mg/L	7.12 NTU	197.9 mV	35.50 ft	225.00 ml/min
3/18/2021 11:32 AM	25:00	6.04 pH	17.98 °C	51.16 µS/cm	5.07 mg/L	7.28 NTU	199.1 mV	35.50 ft	225.00 ml/min
3/18/2021 11:37 AM	30:00	6.01 pH	17.83 °C	50.52 µS/cm	5.08 mg/L	5.32 NTU	203.1 mV	35.50 ft	225.00 ml/min
3/18/2021 11:42 AM	35:00	6.01 pH	17.80 °C	50.09 µS/cm	5.04 mg/L	4.09 NTU	206.4 mV	35.50 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 10:16:52 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-24 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41 ft Total Depth: 51.05 ft Initial Depth to Water: 38.55 ft	Pump Type: QED Bladder Pump Tubing Type: Poly Pump Intake From TOC: 46 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1050, cloudy 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
3/18/2021 10:16 AM	00:00	7.19 pH	17.13 °C	52.73 µS/cm	7.32 mg/L	0.76 NTU	200.7 mV	38.55 ft	100.00 ml/min
3/18/2021 10:21 AM	05:00	5.24 pH	16.90 °C	29.81 µS/cm	6.86 mg/L	3.21 NTU	228.9 mV	39.30 ft	100.00 ml/min
3/18/2021 10:26 AM	10:00	5.14 pH	16.83 °C	26.98 µS/cm	6.76 mg/L	2.30 NTU	238.1 mV	39.80 ft	100.00 ml/min
3/18/2021 10:31 AM	15:00	5.18 pH	16.93 °C	27.11 µS/cm	6.70 mg/L	2.19 NTU	242.4 mV	40.10 ft	100.00 ml/min
3/18/2021 10:36 AM	20:00	5.16 pH	16.96 °C	26.50 µS/cm	6.67 mg/L	2.06 NTU	247.8 mV	40.40 ft	100.00 ml/min
3/18/2021 10:41 AM	25:00	5.13 pH	17.00 °C	26.37 µS/cm	6.61 mg/L	1.97 NTU	253.6 mV	40.60 ft	100.00 ml/min
3/18/2021 10:46 AM	30:00	5.16 pH	16.99 °C	26.66 µS/cm	6.59 mg/L	2.15 NTU	254.3 mV	40.70 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:45:14 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-25 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 51.23 ft Total Depth: 61.23 ft Initial Depth to Water: 49.99 ft	Pump Type: Portable bladder pump Tubing Type: Poly Pump Intake From TOC: 56 ft Estimated Total Volume Pumped: 4.4 liter Flow Cell Volume: 130 ml Final Flow Rate: 125 ml/min Final Draw Down: 9.7 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Light rain, 60s, sample time 1320

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/17/2021 12:45 PM	00:00	6.01 pH	16.02 °C	39.75 µS/cm	7.29 mg/L	3.94 NTU	191.5 mV	49.99 ft	125.00 ml/min
3/17/2021 12:50 PM	05:00	6.18 pH	16.08 °C	31.04 µS/cm	3.65 mg/L	6.39 NTU	195.4 mV	50.30 ft	125.00 ml/min
3/17/2021 12:55 PM	10:00	6.06 pH	16.07 °C	29.39 µS/cm	4.30 mg/L	6.03 NTU	198.6 mV	50.50 ft	125.00 ml/min
3/17/2021 1:00 PM	15:00	6.00 pH	16.06 °C	28.83 µS/cm	4.80 mg/L	3.92 NTU	202.3 mV	50.60 ft	125.00 ml/min
3/17/2021 1:05 PM	20:00	5.98 pH	16.06 °C	28.56 µS/cm	5.07 mg/L	2.99 NTU	205.4 mV	50.70 ft	125.00 ml/min
3/17/2021 1:10 PM	25:00	5.98 pH	16.02 °C	62.95 µS/cm	5.29 mg/L	1.92 NTU	207.0 mV	50.70 ft	125.00 ml/min
3/17/2021 1:15 PM	30:00	5.97 pH	15.99 °C	63.09 µS/cm	5.48 mg/L	1.84 NTU	209.7 mV	50.70 ft	125.00 ml/min
3/17/2021 1:20 PM	35:00	5.97 pH	16.01 °C	63.10 µS/cm	5.69 mg/L	1.66 NTU	212.1 mV	50.80 ft	125.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 11:35:14 AM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-26 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 49.43 ft Total Depth: 59.43 ft Initial Depth to Water: 27.3 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 3 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 30 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Cloudy, 60s, sample time 1205

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/17/2021 11:35 AM	00:00	5.58 pH	16.60 °C	0.07 µS/cm	9.63 mg/L	1.45 NTU	195.3 mV	27.30 ft	100.00 ml/min
3/17/2021 11:40 AM	05:00	5.63 pH	16.07 °C	39.52 µS/cm	7.03 mg/L	1.08 NTU	193.1 mV	28.00 ft	100.00 ml/min
3/17/2021 11:45 AM	10:00	5.61 pH	15.93 °C	39.07 µS/cm	6.94 mg/L	1.11 NTU	201.6 mV	28.80 ft	100.00 ml/min
3/17/2021 11:50 AM	15:00	5.61 pH	15.93 °C	38.94 µS/cm	6.87 mg/L	0.83 NTU	206.3 mV	29.60 ft	100.00 ml/min
3/17/2021 11:55 AM	20:00	5.61 pH	15.92 °C	38.77 µS/cm	6.82 mg/L	2.03 NTU	208.3 mV	29.80 ft	100.00 ml/min
3/17/2021 12:00 PM	25:00	5.62 pH	15.97 °C	38.73 µS/cm	6.83 mg/L	1.59 NTU	209.7 mV	29.80 ft	100.00 ml/min
3/17/2021 12:05 PM	30:00	5.61 pH	16.00 °C	38.35 µS/cm	6.85 mg/L	1.04 NTU	209.7 mV	29.80 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 12:11:30 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-27 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 60 ft Total Depth: 70.83 ft Initial Depth to Water: 41.91 ft	Pump Type: QED Bladder Pump Tubing Type: Poly Pump Intake From TOC: 65 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 1.69 ft	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 13:14. Sunny, 70 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
3/18/2021 12:11 PM	00:00	5.30 pH	18.65 °C	33.63 µS/cm	4.36 mg/L	5.71 NTU	197.3 mV	41.91 ft	100.00 ml/min
3/18/2021 12:16 PM	05:00	5.05 pH	17.93 °C	32.32 µS/cm	3.95 mg/L	8.75 NTU	212.4 mV	42.80 ft	100.00 ml/min
3/18/2021 12:21 PM	10:00	5.09 pH	18.29 °C	33.47 µS/cm	3.91 mg/L	8.14 NTU	216.6 mV	43.10 ft	100.00 ml/min
3/18/2021 12:26 PM	15:00	5.05 pH	17.96 °C	33.37 µS/cm	3.79 mg/L	4.63 NTU	224.2 mV	43.30 ft	100.00 ml/min
3/18/2021 12:31 PM	20:00	5.05 pH	17.62 °C	32.30 µS/cm	3.80 mg/L	3.43 NTU	227.2 mV	43.40 ft	100.00 ml/min
3/18/2021 12:36 PM	25:00	5.15 pH	17.68 °C	33.39 µS/cm	3.73 mg/L	2.71 NTU	224.5 mV	43.50 ft	100.00 ml/min
3/18/2021 12:41 PM	30:00	5.18 pH	17.42 °C	35.18 µS/cm	3.64 mg/L	2.33 NTU	218.9 mV	43.60 ft	100.00 ml/min
3/18/2021 12:46 PM	35:00	5.19 pH	17.59 °C	38.25 µS/cm	3.55 mg/L	2.45 NTU	210.4 mV	43.60 ft	100.00 ml/min
3/18/2021 12:51 PM	40:00	5.34 pH	17.48 °C	42.50 µS/cm	3.50 mg/L	2.66 NTU	192.5 mV	43.60 ft	100.00 ml/min
3/18/2021 12:56 PM	45:00	5.37 pH	17.24 °C	47.45 µS/cm	3.42 mg/L	2.64 NTU	178.9 mV	43.60 ft	100.00 ml/min
3/18/2021 1:01 PM	50:00	5.44 pH	17.28 °C	49.94 µS/cm	3.34 mg/L	2.55 NTU	166.0 mV	43.60 ft	100.00 ml/min
3/18/2021 1:06 PM	55:00	5.43 pH	17.16 °C	51.75 µS/cm	3.33 mg/L	2.77 NTU	159.5 mV	43.60 ft	100.00 ml/min
3/18/2021 1:11 PM	01:00:00	5.39 pH	17.16 °C	51.76 µS/cm	3.33 mg/L	2.30 NTU	158.2 mV	43.60 ft	100.00 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 3/15/2021 12:18:03 PM

Project: Plant Wansley - Landfill

Operator Name: Ryan Walker

Location Name: GWA-28 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 35 ft Total Depth: 45.78 ft Initial Depth to Water: 24.56 ft	Pump Type: Peristaltic pump Tubing Type: Poly Pump Intake From TOC: 40 ft Estimated Total Volume Pumped: 6500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 5.04 ft	Instrument Used: Aqua TROLL 500 Serial Number: 602547
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Test Notes:

Collected at 13:25. Sunny, 60 s. Dup-1 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
3/15/2021 12:18 PM	00:00	6.05 pH	19.38 °C	64.65 µS/cm	6.33 mg/L	0.34 NTU	184.4 mV	24.56 ft	100.00 ml/min
3/15/2021 12:23 PM	05:00	6.04 pH	19.10 °C	63.92 µS/cm	6.29 mg/L	0.37 NTU	185.9 mV	26.50 ft	100.00 ml/min
3/15/2021 12:28 PM	10:00	6.02 pH	19.32 °C	63.29 µS/cm	6.28 mg/L	0.27 NTU	185.4 mV	26.90 ft	100.00 ml/min
3/15/2021 12:33 PM	15:00	6.02 pH	19.44 °C	62.93 µS/cm	6.25 mg/L	0.21 NTU	184.0 mV	27.30 ft	100.00 ml/min
3/15/2021 12:38 PM	20:00	6.03 pH	19.36 °C	63.06 µS/cm	6.29 mg/L	0.20 NTU	185.0 mV	27.70 ft	100.00 ml/min
3/15/2021 12:43 PM	25:00	6.06 pH	19.33 °C	62.29 µS/cm	6.22 mg/L	0.21 NTU	182.6 mV	28.10 ft	100.00 ml/min
3/15/2021 12:48 PM	30:00	6.05 pH	19.14 °C	62.04 µS/cm	6.21 mg/L	0.21 NTU	183.8 mV	28.30 ft	100.00 ml/min
3/15/2021 12:53 PM	35:00	6.06 pH	19.37 °C	61.88 µS/cm	6.23 mg/L	0.47 NTU	182.8 mV	28.60 ft	100.00 ml/min
3/15/2021 12:58 PM	40:00	6.07 pH	19.32 °C	61.92 µS/cm	6.25 mg/L	0.20 NTU	183.9 mV	28.90 ft	100.00 ml/min
3/15/2021 1:03 PM	45:00	6.07 pH	19.30 °C	61.90 µS/cm	6.17 mg/L	0.41 NTU	183.7 mV	29.10 ft	100.00 ml/min
3/15/2021 1:08 PM	50:00	6.09 pH	19.19 °C	61.85 µS/cm	6.23 mg/L	0.58 NTU	183.7 mV	29.20 ft	100.00 ml/min
3/15/2021 1:13 PM	55:00	6.07 pH	19.09 °C	61.88 µS/cm	6.29 mg/L	0.31 NTU	185.7 mV	29.40 ft	100.00 ml/min
3/15/2021 1:18 PM	01:00:00	6.09 pH	18.76 °C	61.37 µS/cm	6.35 mg/L	0.33 NTU	185.9 mV	29.50 ft	100.00 ml/min
3/15/2021 1:23 PM	01:05:00	6.09 pH	18.61 °C	61.59 µS/cm	6.52 mg/L	0.36 NTU	186.4 mV	29.60 ft	100.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/15/2021 1:22:50 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWA-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47 ft Total Depth: 57.13 ft	Pump Type: Portable Bladder Pump Tubing Type: Poly Pump Intake From TOC: 52 ft Estimated Total Volume Pumped: 6.46 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.2 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Cloudy, 70s, sample time-1355

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/15/2021 1:22 PM	00:00	5.59 pH	18.34 °C	65.34 µS/cm	5.44 mg/L	34.30 NTU	203.2 mV		200.00 ml/min
3/15/2021 1:25 PM	02:18	5.57 pH	18.01 °C	64.23 µS/cm	5.43 mg/L	30.44 NTU	207.0 mV	42.80 ft	200.00 ml/min
3/15/2021 1:30 PM	07:18	5.49 pH	18.18 °C	72.86 µS/cm	5.49 mg/L	17.98 NTU	215.3 mV	42.80 ft	200.00 ml/min
3/15/2021 1:35 PM	12:18	5.45 pH	18.51 °C	67.18 µS/cm	5.45 mg/L	10.76 NTU	221.6 mV	42.80 ft	200.00 ml/min
3/15/2021 1:40 PM	17:18	5.47 pH	18.70 °C	61.54 µS/cm	5.38 mg/L	7.33 NTU	223.0 mV	42.80 ft	200.00 ml/min
3/15/2021 1:45 PM	22:18	5.51 pH	18.33 °C	61.71 µS/cm	5.33 mg/L	6.75 NTU	222.9 mV	42.80 ft	200.00 ml/min
3/15/2021 1:50 PM	27:18	5.50 pH	18.19 °C	63.64 µS/cm	5.29 mg/L	5.14 NTU	224.4 mV	42.80 ft	200.00 ml/min
3/15/2021 1:55 PM	32:18	5.51 pH	18.14 °C	63.56 µS/cm	5.28 mg/L	4.62 NTU	224.9 mV	42.80 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/18/2021 12:00:30 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-30 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39.58 ft Total Depth: 49.58 ft Initial Depth to Water: 25.07 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 44 ft Estimated Total Volume Pumped: 11.25 liter Flow Cell Volume: 130 ml Final Flow Rate: 125 ml/min Final Draw Down: 19.6 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Sunny, 60s, sample time-1220, DUP-4 here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/18/2021 12:00 PM	00:00	5.59 pH	18.34 °C	77.29 µS/cm	6.06 mg/L	1.05 NTU	248.2 mV	25.07 ft	125.00 ml/min
3/18/2021 12:05 PM	05:00	5.59 pH	17.84 °C	53.29 µS/cm	5.91 mg/L	2.22 NTU	222.1 mV	26.70 ft	125.00 ml/min
3/18/2021 12:10 PM	10:00	5.70 pH	18.03 °C	50.37 µS/cm	5.87 mg/L	1.79 NTU	205.0 mV	26.70 ft	125.00 ml/min
3/18/2021 12:15 PM	15:00	5.75 pH	17.93 °C	49.50 µS/cm	5.83 mg/L	1.94 NTU	198.3 mV	26.70 ft	125.00 ml/min
3/18/2021 12:20 PM	20:00	5.77 pH	17.97 °C	49.57 µS/cm	5.77 mg/L	2.32 NTU	196.0 mV	26.70 ft	125.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/15/2021 3:40:23 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.02 ft Total Depth: 38.02 ft Initial Depth to Water: 30.34 ft	Pump Type: Portable Bladder Pump Tubing Type: Poly Pump Intake From TOC: 37 ft Estimated Total Volume Pumped: 5.5 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 73.9 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Purged dry, sampled next day

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/15/2021 3:40 PM	00:00	6.19 pH	23.73 °C	0.06 µS/cm	8.09 mg/L	2.26 NTU	163.7 mV	30.34 ft	100.00 ml/min
3/15/2021 3:45 PM	05:00	5.90 pH	19.20 °C	97.28 µS/cm	6.40 mg/L	87.43 NTU	185.0 mV	30.60 ft	100.00 ml/min
3/15/2021 3:50 PM	10:00	5.79 pH	18.20 °C	100.73 µS/cm	6.26 mg/L	29.35 NTU	200.1 mV	31.00 ft	100.00 ml/min
3/15/2021 3:55 PM	15:00	5.79 pH	17.81 °C	96.01 µS/cm	6.26 mg/L	11.35 NTU	205.6 mV	31.50 ft	100.00 ml/min
3/15/2021 4:00 PM	20:00	5.78 pH	17.72 °C	90.72 µS/cm	6.29 mg/L	5.87 NTU	210.2 mV	32.10 ft	100.00 ml/min
3/15/2021 4:05 PM	25:00	5.78 pH	17.60 °C	88.73 µS/cm	6.27 mg/L	5.71 NTU	212.9 mV	32.70 ft	100.00 ml/min
3/15/2021 4:10 PM	30:00	5.81 pH	17.61 °C	88.45 µS/cm	6.25 mg/L	7.38 NTU	214.0 mV	33.50 ft	100.00 ml/min
3/15/2021 4:15 PM	35:00	5.81 pH	17.71 °C	91.66 µS/cm	6.30 mg/L	6.53 NTU	215.8 mV	34.20 ft	100.00 ml/min
3/15/2021 4:20 PM	40:00	5.84 pH	17.79 °C	103.76 µS/cm	6.29 mg/L	6.36 NTU	216.5 mV	35.00 ft	100.00 ml/min
3/15/2021 4:25 PM	45:00	5.89 pH	17.96 °C	100.55 µS/cm	6.21 mg/L	5.81 NTU	214.5 mV	35.70 ft	100.00 ml/min
3/15/2021 4:30 PM	50:00	5.92 pH	18.29 °C	95.47 µS/cm	6.21 mg/L	6.79 NTU	212.3 mV	37.00 ft	100.00 ml/min
3/15/2021 4:35 PM	55:00	5.96 pH	19.04 °C	106.93 µS/cm	5.95 mg/L	6.89 NTU	209.1 mV	36.50 ft	100.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/16/2021 10:40:18 AM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28.02 ft Total Depth: 38.02 ft	Pump Type: Portable Bladder Pump Tubing Type: Poly Pump Intake From TOC: 37 ft Estimated Total Volume Pumped: 1 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 13.2 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Rain, 60s, sample time-1050. Day 2 log- following purge and recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/16/2021 10:40 AM	00:00	6.25 pH	15.90 °C	14.70 µS/cm	9.71 mg/L	0.37 NTU	234.1 mV		100.00 ml/min
3/16/2021 10:45 AM	05:00	5.94 pH	14.88 °C	132.00 µS/cm	8.21 mg/L	13.00 NTU	206.5 mV	35.30 ft	100.00 ml/min
3/16/2021 10:50 AM	10:00	5.89 pH	15.49 °C	102.89 µS/cm	6.80 mg/L	9.72 NTU	204.3 mV	35.90 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 2:07:47 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-32 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21.05 ft Total Depth: 31.05 ft Initial Depth to Water: 24.74 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 75.12 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Purged dry, sampled next day

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/16/2021 2:07 PM	00:00	5.90 pH	14.64 °C	90.12 µS/cm	8.73 mg/L	2.42 NTU	210.3 mV	24.74 ft	200.00 ml/min
3/16/2021 2:12 PM	05:00	5.99 pH	16.44 °C	88.48 µS/cm	7.51 mg/L	1.18 NTU	210.4 mV	25.50 ft	200.00 ml/min
3/16/2021 2:17 PM	10:00	5.99 pH	16.35 °C	87.51 µS/cm	7.76 mg/L	0.43 NTU	214.0 mV	26.50 ft	200.00 ml/min
3/16/2021 2:22 PM	15:00	5.97 pH	16.41 °C	88.72 µS/cm	7.26 mg/L	0.42 NTU	216.3 mV	27.40 ft	200.00 ml/min
3/16/2021 2:27 PM	20:00	5.96 pH	16.38 °C	90.06 µS/cm	6.97 mg/L	0.45 NTU	217.9 mV	28.20 ft	200.00 ml/min
3/16/2021 2:32 PM	25:00	5.96 pH	16.56 °C	92.42 µS/cm	6.68 mg/L	0.26 NTU	219.3 mV	29.60 ft	200.00 ml/min
3/16/2021 2:37 PM	30:00	5.95 pH	16.48 °C	94.69 µS/cm	6.16 mg/L	0.25 NTU	220.8 mV	30.50 ft	200.00 ml/min
3/16/2021 2:42 PM	35:00	5.94 pH	16.41 °C	94.49 µS/cm	5.20 mg/L	0.18 NTU	222.3 mV	31.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 10:55:06 AM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-32 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21.05 ft Total Depth: 31.05 ft Initial Depth to Water: 25.57 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 1 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 8.3 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Cloudy 60s, sample time-1100. Day 2 log- following purge and recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/17/2021 10:55 AM	00:00	6.06 pH	16.49 °C	6.21 µS/cm	9.71 mg/L	1.11 NTU	230.2 mV	25.57 ft	200.00 ml/min
3/17/2021 11:00 AM	05:00	6.14 pH	16.72 °C	93.57 µS/cm	2.84 mg/L	0.95 NTU	198.2 mV	26.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 2:20:55 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-33 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 13.99 ft Total Depth: 23.99 ft Initial Depth to Water: 13.44 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 23 ft Estimated Total Volume Pumped: 13 liter Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 10.36 ft	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Purged dry, sampled next day.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/17/2021 2:20 PM	00:00	5.26 pH	16.72 °C	0.07 µS/cm	9.61 mg/L	1.39 NTU	183.5 mV	13.44 ft	200.00 ml/min
3/17/2021 2:25 PM	05:00	6.45 pH	16.29 °C	114.18 µS/cm	7.30 mg/L	0.95 NTU	196.8 mV	14.90 ft	200.00 ml/min
3/17/2021 2:30 PM	10:00	6.44 pH	16.16 °C	113.31 µS/cm	7.29 mg/L	2.32 NTU	198.4 mV	15.70 ft	200.00 ml/min
3/17/2021 2:35 PM	15:00	6.37 pH	16.09 °C	110.41 µS/cm	6.64 mg/L	2.20 NTU	199.3 mV	16.40 ft	200.00 ml/min
3/17/2021 2:40 PM	20:00	6.36 pH	16.12 °C	110.70 µS/cm	6.65 mg/L	1.59 NTU	200.1 mV	17.50 ft	200.00 ml/min
3/17/2021 2:45 PM	25:00	6.29 pH	16.14 °C	104.96 µS/cm	6.64 mg/L	1.60 NTU	202.5 mV	18.20 ft	200.00 ml/min
3/17/2021 2:50 PM	30:00	6.27 pH	16.20 °C	102.99 µS/cm	6.54 mg/L	1.08 NTU	204.8 mV	18.90 ft	200.00 ml/min
3/17/2021 2:55 PM	35:00	6.29 pH	16.28 °C	103.50 µS/cm	6.42 mg/L	0.37 NTU	205.7 mV	19.40 ft	200.00 ml/min
3/17/2021 3:00 PM	40:00	6.32 pH	16.36 °C	103.37 µS/cm	6.50 mg/L	0.33 NTU	205.8 mV	20.00 ft	200.00 ml/min
3/17/2021 3:05 PM	45:00	6.37 pH	16.43 °C	106.94 µS/cm	5.93 mg/L	0.52 NTU	206.3 mV	20.60 ft	200.00 ml/min
3/17/2021 3:10 PM	50:00	6.43 pH	16.56 °C	110.41 µS/cm	6.07 mg/L	0.50 NTU	205.2 mV	21.20 ft	200.00 ml/min
3/17/2021 3:15 PM	55:00	6.47 pH	16.67 °C	111.17 µS/cm	6.80 mg/L	2.33 NTU	202.6 mV	21.90 ft	200.00 ml/min
3/17/2021 3:20 PM	01:00:00	6.59 pH	16.93 °C	123.63 µS/cm	7.99 mg/L	622.58 NTU	201.0 mV	22.70 ft	200.00 ml/min
3/17/2021 3:25 PM	01:05:00	6.68 pH	17.16 °C	125.14 µS/cm	8.58 mg/L	322.38 NTU	198.9 mV	23.80 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/18/2021 10:15:12 AM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-33 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 13.99 ft Total Depth: 23.99 ft Initial Depth to Water: 22.23 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 23 ft Estimated Total Volume Pumped: 1 liter Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 8.1 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Sunny, 60s, sample time-1025. Day 2 log- following purge and recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/18/2021 10:15 AM	00:00	6.15 pH	20.66 °C	13.76 µS/cm	8.57 mg/L	0.49 NTU	224.8 mV	22.23 ft	100.00 ml/min
3/18/2021 10:20 AM	05:00	6.52 pH	18.32 °C	162.83 µS/cm	6.87 mg/L	32.0 NTU	199.4 mV	22.60 ft	100.00 ml/min
3/18/2021 10:25 AM	10:00	6.41 pH	17.62 °C	129.71 µS/cm	7.62 mg/L	9.38 NTU	203.6 mV	22.90 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 11:45:17 AM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-34 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.25 ft Total Depth: 51.25 ft Initial Depth to Water: 4.22 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 47 ft Estimated Total Volume Pumped: 6.75 liter Flow Cell Volume: 130 ml Final Flow Rate: 225 ml/min Final Draw Down: 3.4 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Rain, 60s, sample time 1215

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/16/2021 11:45 AM	00:00	5.67 pH	13.44 °C	0.14 µS/cm	10.29 mg/L	0.70 NTU	207.6 mV	4.22 ft	225.00 ml/min
3/16/2021 11:50 AM	05:00	6.35 pH	15.99 °C	50.56 µS/cm	7.22 mg/L	1.22 NTU	179.5 mV	4.40 ft	225.00 ml/min
3/16/2021 11:55 AM	10:00	6.02 pH	16.29 °C	47.69 µS/cm	5.31 mg/L	0.30 NTU	184.0 mV	4.50 ft	225.00 ml/min
3/16/2021 12:00 PM	15:00	5.84 pH	16.36 °C	45.92 µS/cm	3.73 mg/L	0.29 NTU	190.0 mV	4.50 ft	225.00 ml/min
3/16/2021 12:05 PM	20:00	5.81 pH	16.41 °C	45.78 µS/cm	3.71 mg/L	0.45 NTU	193.7 mV	4.50 ft	225.00 ml/min
3/16/2021 12:10 PM	25:00	5.78 pH	16.41 °C	45.85 µS/cm	3.82 mg/L	0.55 NTU	194.4 mV	4.50 ft	225.00 ml/min
3/16/2021 12:15 PM	30:00	5.78 pH	16.46 °C	46.21 µS/cm	3.84 mg/L	0.37 NTU	192.4 mV	4.50 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/16/2021 12:45:06 PM

Project: Plant Wansley - Landfill

Operator Name: J. Berisford

Location Name: GWC-35 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.78 ft Total Depth: 40.78 ft Initial Depth to Water: 8 ft	Pump Type: Peri pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 7.5 liter Flow Cell Volume: 130 ml Final Flow Rate: 250 ml/min Final Draw Down: 2.4 in	Instrument Used: Aqua TROLL 500 Serial Number: 601857
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Test Notes:

Cloudy, 50s, sample time 1315

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
3/16/2021 12:45 PM	00:00	5.51 pH	14.28 °C	0.00 µS/cm	9.97 mg/L	1.51 NTU	185.9 mV	8.00 ft	250.00 ml/min
3/16/2021 12:50 PM	05:00	5.53 pH	15.79 °C	48.21 µS/cm	2.71 mg/L	0.28 NTU	203.1 mV	8.20 ft	250.00 ml/min
3/16/2021 12:55 PM	10:00	5.51 pH	16.46 °C	47.35 µS/cm	2.31 mg/L	0.31 NTU	210.9 mV	8.20 ft	250.00 ml/min
3/16/2021 1:00 PM	15:00	5.47 pH	16.46 °C	45.52 µS/cm	2.49 mg/L	0.51 NTU	219.8 mV	8.20 ft	250.00 ml/min
3/16/2021 1:05 PM	20:00	5.46 pH	16.57 °C	45.34 µS/cm	2.54 mg/L	0.22 NTU	227.1 mV	8.20 ft	250.00 ml/min
3/16/2021 1:10 PM	25:00	5.44 pH	16.63 °C	45.13 µS/cm	2.56 mg/L	0.21 NTU	233.1 mV	8.20 ft	250.00 ml/min
3/16/2021 1:15 PM	30:00	5.44 pH	16.68 °C	45.06 µS/cm	2.57 mg/L	0.24 NTU	237.9 mV	8.20 ft	250.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:36:02 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWA-1	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1230, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 12:36 PM	00:00	7.03 pH	15.45 °C	36.08 µS/cm	9.75 mg/L	7.89 NTU	5.6 mV	
3/17/2021 12:37 PM	01:00	7.13 pH	15.59 °C	36.25 µS/cm	9.80 mg/L	10.6 NTU	10.3 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 11:07:36 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWA-6	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1100, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 11:07 AM	00:00	7.40 pH	14.45 °C	95.32 µS/cm	9.87 mg/L	153 NTU	99.4 mV	
3/17/2021 11:08 AM	01:00	7.33 pH	14.64 °C	95.68 µS/cm	9.92 mg/L	143 NTU	94.3 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:04:23 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-3	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1155, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 12:04 PM	00:00	6.53 pH	15.83 °C	341.48 µS/cm	8.59 mg/L	11.9 NTU	30.9 mV	
3/17/2021 12:05 PM	01:00	6.40 pH	15.91 °C	340.34 µS/cm	6.96 mg/L	13.7 NTU	13.9 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 10:47:26 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-5	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1040, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 10:47 AM	00:00	8.14 pH	16.20 °C	203.32 µS/cm	6.71 mg/L	23.7 NTU	67.6 mV	
3/17/2021 10:48 AM	01:00	6.94 pH	16.19 °C	204.00 µS/cm	4.26 mg/L	34.1 NTU	75.0 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 11:36:50 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-7	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1130, rainy 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 11:36 AM	00:00	7.16 pH	14.15 °C	81.83 µS/cm	9.03 mg/L	53.6 NTU	26.7 mV	
3/17/2021 11:37 AM	01:00	7.04 pH	14.26 °C	81.70 µS/cm	8.94 mg/L	48.2 NTU	22.6 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 1:13:23 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-8	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1310, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 1:13 PM	00:00	6.25 pH	14.28 °C	204.97 µS/cm	8.56 mg/L	15.4 NTU	55.9 mV	
3/17/2021 1:14 PM	01:00	6.37 pH	14.44 °C	206.41 µS/cm	6.42 mg/L	17.0 NTU	38.1 mV	

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 3/17/2021 12:53:13 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-9	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 649632
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Test Notes:

Collected at 1245, overcast 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
3/17/2021 12:53 PM	00:00	6.18 pH	17.44 °C	59.67 µS/cm	8.95 mg/L	0.11 NTU	68.1 mV	
3/17/2021 12:54 PM	01:00	5.86 pH	17.31 °C	60.16 µS/cm	8.19 mg/L	0.90 NTU	81.4 mV	

Samples

Sample ID:	Description:
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Daily Instrument Calibration Log

SITE: Wansley
 TECHNICIAN: Toby Johnson
 WATER LEVEL: Solinst
 WATER LEVEL S/N: 322101

INSTRUMENT S/N: 590987 / 649632
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS/ID: PH 4 LOT #: 06 EXP. DATE: 9/21
PH 7 LOT #: 06-168200 EXP. DATE: 2/23
PH 10 LOT #: 06 EXP. DATE: 9/21
ORP LOT #: 06-2034 EXP. DATE: 9/21
Cond LOT #: 06-1033 EXP. DATE: 9/21

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

Calibration Date: 3/16/2021

590987

RDO: 100% sat. = 94.50
 PH: 4.00 = 3.95 7.00 = 6.95 10.00 = 9.70
 PH Recal (if needed): 4.00 = 7.00 = 10.00 =
 CONDUCTIVITY: 1413 = 1320
 ORP (mV) 239.5 = 241.7

Midday pH check
 7.0 = 7.03
 7.0 = post recal check

Calibration Date: 3/17/2021

649632

RDO: 100% sat. = 97.29
 PH: 4.00 = 4.01 7.00 = 7.08 10.00 = 10.10
 PH Recal (if needed): 4.00 = 7.00 = 10.00 =
 CONDUCTIVITY: 1413 = 1420.1
 ORP (mV) 243.62 = 243.8

Midday pH check
 7.0 = 7.02
 7.0 = post recal check

Calibration Date: 3/18/2021



RDO: 100% sat. = 100.08
 PH: 4.00 = 4.01 7.00 = 7.04 10.00 = 10.04
 PH Recal (if needed): 4.00 = 7.00 = 10.00 =
 CONDUCTIVITY: 1413 = 1408.4
 ORP (mV) 238.32 = 237.6

Midday pH check
 7.0 = 7.04
 7.0 = post recal check

Calibration Date:

RDO: 100% sat. =
 PH: 4.00 = 7.00 = 10.00 =
 PH Recal (if needed): 4.00 = 7.00 = 10.00 =
 CONDUCTIVITY: =
 ORP (mV) =

Midday pH check
 7.0 =
 7.0 = post recal check

Calibration Date:

RDO: 100% sat. =
 PH: 4.00 = 7.00 = 10.00 =
 PH Recal (if needed): 4.00 = 7.00 = 10.00 =
 CONDUCTIVITY: =
 ORP (mV) =

Midday pH check
 7.0 =
 7.0 = post recal check



Daily Instrument Calibration Log

SITE: Plant Wansley Landfill
 TECHNICIAN: H. Auld
 WATER LEVEL: Solinst
 WATER LEVEL S/N: 48832

INSTRUMENT S/N: 608421
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS:
 ID: pH 4 LOT #: 06E1407 EXP. DATE: 09/22
 ID: pH 7 LOT #: 68200 EXP. DATE: 02/23
 ID: pH 10 LOT #: 06J170 EXP. DATE: 8/22
 ID: ORP LOT #: 06H1018 EXP. DATE: 5/21
 ID: Cond. LOT #: 06I1033 EXP. DATE: 09/21

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

Calibration Date: 3/15/21
 RDO: 100% sat. = 92.6
 PH: 4.00 = 3.97 7.00 = 7.02 10.00 = 10.01 7.0 = 7.02
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1484
 ORP (mV) 240 = 234

Calibration Date: 3-16-21
 RDO: 100% sat. = 100.20
 PH: 4.00 = 4.00 7.00 = 7.03 10.00 = 9.97 7.0 = 7.01
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1418
 ORP (mV) 240 = 243

Calibration Date: 3-17-21
 RDO: 100% sat. = 100.90
 PH: 4.00 = 4.13 7.00 = 6.95 10.00 = 10.12 7.0 = 7.08
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1412
 ORP (mV) 242 = 247

Calibration Date: 3-18-21
 RDO: 100% sat. = 105
 PH: 4.00 = 3.79 7.00 = 7.11 10.00 = 10.17 7.0 = 7.10
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1390
 ORP (mV) 240 = 234

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



Daily Instrument Calibration Log

SITE: Plant Wansley LF
 TECHNICIAN: Ryan Walker
 WATER LEVEL: Soln.st
 WATER LEVEL S/N: 378589

INSTRUMENT S/N: 602547

INSTRUMENT TYPE: AquaTroll

CAL. SOLUTIONS:	ID:	LOT #:	EXP. DATE:
	<u>pH4</u>	<u>06D046</u>	<u>04/22</u>
	<u>pH7</u>	<u>96L1006</u>	<u>12/21</u>
	<u>pH10</u>	<u>96L648</u>	<u>12/21</u>
	<u>12N</u>	<u>06I1033</u>	<u>04/21</u>
	<u>ORP</u>	<u>06H1018</u>	<u>05/21</u>
	ID:	LOT #:	EXP. DATE:
	ID:	LOT #:	EXP. DATE:

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

Calibration Date: 3/15/21
 RDO: 100% sat. = 99.67 **Midday pH check**
 PH: 4.00 = 3.88 7.00 = 7.07 10.00 = 10.04 7.0 = 7.10
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1669.7
 ORP (mV) 233.05 = 228.7

Calibration Date: 3/16/21
 RDO: 100% sat. = 101.2 **Midday pH check**
 PH: 4.00 = 4.05 7.00 = 7.04 10.00 = 10.08 7.0 = 7.09
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1408.3
 ORP (mV) 231.46 = 229.4

Calibration Date: 3/17/21
 RDO: 100% sat. = 100.27 **Midday pH check**
 PH: 4.00 = 3.95 7.00 = 7.00 10.00 = 9.988 7.0 = 7.03
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1442
 ORP (mV) 236 = 240.6

Calibration Date: 3/18/21
 RDO: 100% sat. = 99.81 **Midday pH check**
 PH: 4.00 = 4.04 7.00 = 7.03 10.00 = 10.05 7.0 = 7.06
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1337
 ORP (mV) 231.55 = 227.5

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



Daily Instrument Calibration Log

SITE: Plant Wansley LF
 TECHNICIAN: JBearford
 WATER LEVEL: 5027
 WATER LEVEL S/N: 267304

INSTRUMENT S/N: 601857
 INSTRUMENT TYPE: AquaTroll 500
 CAL. SOLUTIONS:
 ID: pH 4 LOT #: 068407 EXP. DATE: 09/22
 ID: pH 7 LOT #: 160200 EXP. DATE: 2/23
 ID: pH 10 LOT #: 065225 EXP. DATE: 9/22
 ID: ORP LOT #: 066034 EXP. DATE: 5/21/21
 ID: Cond LOT #: 065103 EXP. DATE: 9/21

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

Calibration Date: 3/15/21
 RDO: 100% sat. = 101.11%
 PH: 4.00 = 3.87 7.00 = 7.07 10.00 = 10.05 7.0 = 7.05
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1418
 ORP (mV) 240 = 293.3

Calibration Date: 3/16/21
 RDO: 100% sat. = 98.07%
 PH: 4.00 = 3.97 7.00 = 7.04 10.00 = 10.03 7.0 = 7.06
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1408
 ORP (mV) 246 = 244

Calibration Date: 3/17/21
 RDO: 100% sat. = 99.04%
 PH: 4.00 = 4.07 7.00 = 6.88 10.00 = 9.97 7.0 = 6.94
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1668
 ORP (mV) 240 = 245.9

Calibration Date: 3/18/21
 RDO: 100% sat. = 103.19%
 PH: 4.00 = 3.88 7.00 = 7.19 10.00 = 10.16 7.0 =
 PH Recal (if needed): 4.00 = 4.08 7.00 = 7.01 10.00 = 10.03 7.0 = 7.04 post recal check
 CONDUCTIVITY: 1413 = 1222
 ORP (mV) 240 = 234.2

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



Daily Instrument Calibration Log

SITE: Plant Wansley
TECHNICIAN: Ryan Walker

INSTRUMENT S/N: 19090C079596
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # DI EXP. DATE: New
10 NTU - LOT # A0350 EXP. DATE: 04/22
20 NTU - LOT # A0339 EXP. DATE: 03/22

Calibration Date: 3/15/21

Calibration Solution	Instrument Reading	
0.0	0.10	NTU
10.0	10.4	NTU
20.0	20.1	NTU

Calibration Date: 3/16/21

Calibration Solution	Instrument Reading	
0.0	0.07	NTU
10.0	10.1	NTU
20.0	20.3	NTU

Calibration Date: 3/17/21

Calibration Solution	Instrument Reading	
0.0	0.11	NTU
10.0	10.1	NTU
20.0	19.9	NTU

Calibration Date: 3/18/21

Calibration Solution	Instrument Reading	
0.0	0.18	NTU
10.0	10.4	NTU
20.0	19.7	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU



Daily Instrument Calibration Log

SITE: Plant Wansley
 TECHNICIAN: Toby Johnson

INSTRUMENT S/N: 16040C049743
 INSTRUMENT TYPE: Hach 2100Q
 CAL. SOLUTION: 0 NTU - LOT # P.I EXP. DATE: New
10 NTU - LOT # A0136 EXP. DATE: Aug/21
20 NTU - LOT # A0139 EXP. DATE: Aug/21

Calibration Date: 3/16/2021

Calibration Solution	Instrument Reading	
0.0	0.36	NTU
10.0	9.63	NTU
20.0	21.5	NTU

Calibration Date: 3/17/2021

Calibration Solution	Instrument Reading	
0.0	0.43	NTU
10.0	10.2	NTU
20.0	25.3	NTU

Calibration Date: 3/18/2021

Calibration Solution	Instrument Reading	
0.0	0.26	NTU
10.0	19.5 10.9	NTU
20.0	19.5	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU



Daily Instrument Calibration Log

SITE: Plant Wansley - LF
TECHNICIAN: H. Anid
INSTRUMENT S/N: 39566 (fine Rental)
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # ~~A0130~~ NA EXP. DATE: NA
10 NTU - LOT # A0136 EXP. DATE: 08/21
20 NTU - LOT # A0139 EXP. DATE: 08/21

Calibration Date: 3-15-21

Calibration Solution	Instrument Reading	
0.0	0.2	NTU
10.0	9.2	NTU
20.0	19.2	NTU

Calibration Date: 3-16-21

Calibration Solution	Instrument Reading	
0.0	0.2	NTU
10.0	9.6	NTU
20.0	20.1	NTU

Calibration Date: 3-17-21

Calibration Solution	Instrument Reading	
0.0	0.2	NTU
10.0	9.7	NTU
20.0	19.7	NTU

Calibration Date: 3-18-21

Calibration Solution	Instrument Reading	
0.0	0.2	NTU
10.0	9.2	NTU
20.0	19.0	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU



Daily Instrument Calibration Log

SITE: Plant Wansley
TECHNICIAN: J Berisford
INSTRUMENT S/N: ~~601857~~ 17120C063767
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # NA EXP. DATE: 1/20
10 NTU - LOT # A6288 EXP. DATE: 1/22
20 NTU - LOT # A-6302 EXP. DATE: 2/22

Calibration Date: 3/15/21

Calibration Solution	Instrument Reading	
0.0	6.17	NTU
10.0	9.79	NTU
20.0	20.1	NTU

Calibration Date: 3/16/21

Calibration Solution	Instrument Reading	
0.0	0.19	NTU
10.0	9.52	NTU
20.0	19.4	NTU

Calibration Date: 3/17/21

Calibration Solution	Instrument Reading	
0.0	0.15	NTU
10.0	9.71	NTU
20.0	20.0	NTU

Calibration Date: 3/18/21

Calibration Solution	Instrument Reading	
0.0	0.18	NTU
10.0	9.92	NTU
20.0	20.1	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

**Plant Wansley Landfill
March 2021 Well Inspection Form**



1 - Location/Identification		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



3 - Surface Pad

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



4 - Internal Well Casing

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
March 2021 Well Inspection Form**



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

	GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s):

Staff: R. Walker, H. Auld
Date: 3/15/2021

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



1 - Location/Identification		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



3 - Surface Pad

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



4 - Internal Well Casing

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
March 2021 Well Inspection Form**



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

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
1.) achieve the objectives of the facility Groundwater Monitoring Program, and 2.) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s):

1. Added pea gravel to GWC-17.
2. Surface pad on monitoring well GWC-15 previously repaired with concrete sealer but recommend replacing pad.

Staff: R. Walker, H. Auld
Date: 3/15/2021

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



1 - Location/Identification		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



3 - Surface Pad

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
March 2021 Well Inspection Form**



4 - Internal Well Casing

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
March 2021 Well Inspection Form**



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

	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1.) achieve the objectives of the facility Groundwater Monitoring Program, and 2.) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s):

Staff: R. Walker, H. Auld
Date: 3/15/2021

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

ANALYTICAL REPORT

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

Laboratory Job ID: 180-125924-1
Client Project/Site: Plant Wansley Landfill
Revision: 1

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

Attn: Kristen N Jurinko



Authorized for release by:
9/28/2021 3:50:08 PM

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

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Job ID: 180-125924-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

**Job Narrative
180-125924-1**

Comments

092821 Revised report to correct field pH at client request for the following sample: GWC-10. A revised COC was provided and is included. This report replaces the report previously issued on 091321.

Receipt

The samples were received on 8/19/2021 9:15 AM, 8/21/2021 9:30 AM, 8/26/2021 10:00 AM and 8/28/2021 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 2.3° C, 2.5° C, 2.5° C, 2.8° C, 3.1° C, 3.7° C, 3.8° C and 4.8° C.

GC Semi VOA

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

Metals

Method 7470A: The method blank for preparation batch 370041 contained mercury above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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

Field Service / Mobile Lab

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

General Chemistry

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

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

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-125924-1	EB-1	Water	08/18/21 14:30	08/19/21 09:15
180-125924-2	FB-1	Water	08/18/21 12:05	08/19/21 09:15
180-125924-3	Dup-1	Water	08/18/21 00:00	08/19/21 09:15
180-125924-4	GWA-1	Ground Water	08/16/21 15:52	08/19/21 09:15
180-125924-5	GWA-28	Ground Water	08/16/21 14:02	08/19/21 09:15
180-125924-6	GWA-2	Ground Water	08/18/21 12:25	08/19/21 09:15
180-125924-7	GWA-29	Ground Water	08/18/21 14:25	08/19/21 09:15
180-125924-8	GWA-3	Ground Water	08/18/21 12:32	08/19/21 09:15
180-125924-9	GWA-4	Ground Water	08/18/21 14:17	08/19/21 09:15
180-126092-1	EB-2	Water	08/19/21 14:50	08/21/21 09:30
180-126092-2	FB-2	Water	08/19/21 11:30	08/21/21 09:30
180-126092-3	Dup-2	Water	08/19/21 00:00	08/21/21 09:30
180-126092-4	GWC-35	Ground Water	08/18/21 15:45	08/21/21 09:30
180-126092-5	GWC-24	Ground Water	08/19/21 11:45	08/21/21 09:30
180-126092-6	GWC-5	Ground Water	08/19/21 11:02	08/21/21 09:30
180-126092-7	GWC-6	Ground Water	08/18/21 15:57	08/21/21 09:30
180-126092-8	GWC-25	Ground Water	08/19/21 13:25	08/21/21 09:30
180-126092-9	GWC-26	Ground Water	08/19/21 14:20	08/21/21 09:30
180-126092-10	GWC-7	Ground Water	08/19/21 12:25	08/21/21 09:30
180-126092-11	GWC-12	Ground Water	08/19/21 14:50	08/21/21 09:30
180-126092-12	GWC-21	Ground Water	08/19/21 13:35	08/21/21 09:30
180-126092-13	GWC-22	Ground Water	08/19/21 12:30	08/21/21 09:30
180-126092-14	GWC-8	Ground Water	08/20/21 11:15	08/21/21 09:30
180-126092-15	GWC-10	Ground Water	08/20/21 12:25	08/21/21 09:30
180-126092-16	GWC-16	Ground Water	08/20/21 10:52	08/21/21 09:30
180-126092-17	GWC-17	Ground Water	08/20/21 12:40	08/21/21 09:30
180-126274-1	EB-3	Water	08/23/21 14:30	08/26/21 10:00
180-126274-2	FB-3	Water	08/24/21 11:35	08/26/21 10:00
180-126274-3	Dup-3	Water	08/23/21 00:00	08/26/21 10:00
180-126274-4	GWC-23	Ground Water	08/23/21 12:35	08/26/21 10:00
180-126274-5	GWC-27	Ground Water	08/23/21 13:55	08/26/21 10:00
180-126274-6	GWC-11	Ground Water	08/23/21 11:40	08/26/21 10:00
180-126274-7	GWC-13	Ground Water	08/23/21 12:45	08/26/21 10:00
180-126274-8	GWC-14	Ground Water	08/23/21 14:03	08/26/21 10:00
180-126274-9	GWC-30	Ground Water	08/23/21 15:16	08/26/21 10:00
180-126274-10	GWC-34	Ground Water	08/24/21 11:50	08/26/21 10:00
180-126274-11	GWC-33	Ground Water	08/24/21 13:10	08/26/21 10:00
180-126274-12	EB-4	Water	08/24/21 13:45	08/26/21 10:00
180-126274-13	FB-4	Water	08/24/21 14:51	08/26/21 10:00
180-126274-14	Dup-4	Water	08/24/21 00:00	08/26/21 10:00
180-126274-15	GWC-32	Ground Water	08/24/21 14:08	08/26/21 10:00
180-126274-16	GWC-15	Ground Water	08/24/21 11:20	08/26/21 10:00
180-126274-17	GWC-18	Ground Water	08/24/21 12:15	08/26/21 10:00
180-126274-18	GWC-19	Ground Water	08/24/21 13:45	08/26/21 10:00
180-126274-19	GWC-20	Ground Water	08/24/21 14:50	08/26/21 10:00
180-126369-1	GWC-9	Ground Water	08/25/21 10:59	08/28/21 09:15
180-126369-2	GWC-31	Ground Water	08/25/21 11:53	08/28/21 09:15



Method Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-1

Lab Sample ID: 180-125924-1

Date Collected: 08/18/21 14:30

Matrix: Water

Date Received: 08/19/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			369773	09/01/21 02:55	DFE	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369085	08/24/21 13:35	RSK	TAL PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			369203	08/25/21 15:11	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-1

Lab Sample ID: 180-125924-2

Date Collected: 08/18/21 12:05

Matrix: Water

Date Received: 08/19/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			369773	09/01/21 03:10	DFE	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369085	08/24/21 13:39	RSK	TAL PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			369203	08/25/21 15:12	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: Dup-1

Lab Sample ID: 180-125924-3

Date Collected: 08/18/21 00:00

Matrix: Water

Date Received: 08/19/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			369773	09/01/21 03:26	DFE	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369085	08/24/21 13:42	RSK	TAL PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			369203	08/25/21 15:13	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Instrument ID: NOEQUIP										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-1
Date Collected: 08/16/21 15:52
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 05:01	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 13:46	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368875	08/23/21 12:47	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:01	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	368748	08/20/21 15:43	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/16/21 15:52	FDS	TAL PIT

Client Sample ID: GWA-28
Date Collected: 08/16/21 14:02
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 03:42	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 13:49	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368875	08/23/21 12:47	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:02	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	368748	08/20/21 15:43	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/16/21 14:02	FDS	TAL PIT

Client Sample ID: GWA-2
Date Collected: 08/18/21 12:25
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 05:17	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 13:53	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:13	KEM	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-2
Date Collected: 08/18/21 12:25
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/18/21 12:25	FDS	TAL PIT

Client Sample ID: GWA-29
Date Collected: 08/18/21 14:25
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 05:33	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 13:56	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:14	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/18/21 14:25	FDS	TAL PIT

Client Sample ID: GWA-3
Date Collected: 08/18/21 12:32
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 05:49	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 13:59	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:17	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/18/21 12:32	FDS	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-4
Date Collected: 08/18/21 14:17
Date Received: 08/19/21 09:15

Lab Sample ID: 180-125924-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			369773	09/01/21 06:05	DFE	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	368729	08/20/21 12:06	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369085	08/24/21 14:10	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	368881	08/23/21 13:05	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			369203	08/25/21 15:18	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369008	08/24/21 11:27	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369539	08/18/21 14:17	FDS	TAL PIT

Client Sample ID: EB-2
Date Collected: 08/19/21 14:50
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370054	09/03/21 00:29	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370187	09/03/21 19:45	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369367	08/26/21 13:46	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:14	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369205	08/25/21 16:50	KMM	TAL PIT

Client Sample ID: FB-2
Date Collected: 08/19/21 11:30
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370054	09/03/21 00:47	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370187	09/03/21 20:03	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369367	08/26/21 13:49	RSK	TAL PIT

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: FB-2

Lab Sample ID: 180-126092-2

Date Collected: 08/19/21 11:30

Matrix: Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:15	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369205	08/25/21 16:50	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: Dup-2

Lab Sample ID: 180-126092-3

Date Collected: 08/19/21 00:00

Matrix: Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/03/21 01:05	J1T	TAL PIT
Instrument ID: INTEGRION										
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 22:08	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369367	08/26/21 13:53	RSK	TAL PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:18	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-35

Lab Sample ID: 180-126092-4

Date Collected: 08/18/21 15:45

Matrix: Ground Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/03/21 01:23	J1T	TAL PIT
Instrument ID: INTEGRION										
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 22:26	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369367	08/26/21 13:56	RSK	TAL PIT
Instrument ID: DORY										
Total/NA	Prep	7470A			25 mL	25 mL	369880	09/01/21 09:36	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 13:57	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369142	08/25/21 10:30	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369647	08/18/21 15:45	FDS	TAL PIT
Instrument ID: NOEQUIP										

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-24

Lab Sample ID: 180-126092-5

Date Collected: 08/19/21 11:45

Matrix: Ground Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370054	09/03/21 01:41	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370187	09/03/21 22:44	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369367	08/26/21 13:59	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:19	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369647	08/19/21 11:45	FDS	TAL PIT

Client Sample ID: GWC-5

Lab Sample ID: 180-126092-6

Date Collected: 08/19/21 11:02

Matrix: Ground Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370054	09/03/21 01:59	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370187	09/03/21 23:01	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			369367	08/26/21 14:03	RSK	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:20	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369647	08/19/21 11:02	FDS	TAL PIT

Client Sample ID: GWC-6

Lab Sample ID: 180-126092-7

Date Collected: 08/18/21 15:57

Matrix: Ground Water

Date Received: 08/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370054	09/02/21 23:00	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370187	09/03/21 19:27	J1T	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-6
Date Collected: 08/18/21 15:57
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-7
Matrix: Ground 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			50 mL	50 mL	369166	08/25/21 11:37	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369367	08/26/21 14:13	RSK	TAL PIT
		Instrument ID: DORY								
Total/NA	Prep	7470A			25 mL	25 mL	369880	09/01/21 09:36	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 13:58	KEM	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369142	08/25/21 10:30	KMM	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			369647	08/18/21 15:57	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-25
Date Collected: 08/19/21 13:25
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/02/21 22:42	J1T	TAL PIT
		Instrument ID: INTEGRION								
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 19:09	J1T	TAL PIT
		Instrument ID: INTEGRION								
Total Recoverable	Prep	3005A			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369512	08/27/21 12:30	RSK	TAL PIT
		Instrument ID: DORY								
Total Recoverable	Prep	3005A			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369565	08/28/21 11:08	RJR	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:21	KEM	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 13:25	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-26
Date Collected: 08/19/21 14:20
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/02/21 22:24	J1T	TAL PIT
		Instrument ID: INTEGRION								
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 18:51	J1T	TAL PIT
		Instrument ID: INTEGRION								

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-26

Date Collected: 08/19/21 14:20

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-9

Matrix: Ground 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			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369512	08/27/21 12:34	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369565	08/28/21 11:11	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:22	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 14:20	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-7

Date Collected: 08/19/21 12:25

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/02/21 21:31	J1T	TAL PIT
Instrument ID: INTEGRION										
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 18:16	J1T	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369512	08/27/21 12:37	RSK	TAL PIT
Instrument ID: DORY										
Total Recoverable	Prep	3005A			50 mL	50 mL	369320	08/26/21 12:26	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369565	08/28/21 11:19	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:23	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 12:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-12

Date Collected: 08/19/21 14:50

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/02/21 20:37	J1T	TAL PIT
Instrument ID: INTEGRION										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-12
Date Collected: 08/19/21 14:50
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-11
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370187	09/03/21 12:14	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369490	08/27/21 12:06	RJR	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:24	KEM	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 14:50	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-21
Date Collected: 08/19/21 13:35
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-12
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370054	09/02/21 22:06	J1T	TAL PIT
		Instrument ID: INTEGRION								
Total/NA	Analysis	EPA 300.0 R2.1		5			370187	09/03/21 18:34	J1T	TAL PIT
		Instrument ID: INTEGRION								
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369490	08/27/21 12:20	RJR	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:25	KEM	TAL PIT
		Instrument ID: HGY								
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
		Instrument ID: NOEQUIP								
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 13:35	FDS	TAL PIT
		Instrument ID: NOEQUIP								

Client Sample ID: GWC-22
Date Collected: 08/19/21 12:30
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-13
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370036	09/03/21 10:43	J1T	TAL PIT
		Instrument ID: CHICS2100B								
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369490	08/27/21 12:22	RJR	TAL PIT
		Instrument ID: NEMO								
Total/NA	Prep	7470A			25 mL	25 mL	369881	09/01/21 09:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:26	KEM	TAL PIT
		Instrument ID: HGY								

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Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-22

Date Collected: 08/19/21 12:30

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-13

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369319	08/26/21 12:26	KMM	TAL PIT
Total/NA	Analysis	Field Sampling		1			369647	08/19/21 12:30	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-8

Date Collected: 08/20/21 11:15

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-14

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370036	09/03/21 10:59	J1T	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369490	08/27/21 12:31	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	369922	09/01/21 12:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370104	09/02/21 13:01	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369476	08/27/21 12:45	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369647	08/20/21 11:15	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-10

Date Collected: 08/20/21 12:25

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-15

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370035	09/03/21 03:25	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369490	08/27/21 12:34	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	369922	09/01/21 12:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370104	09/02/21 13:02	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369476	08/27/21 12:45	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369647	08/20/21 12:25	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-16

Date Collected: 08/20/21 10:52

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-16

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370035	09/03/21 03:41	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369490	08/27/21 12:37	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	369922	09/01/21 12:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370104	09/02/21 13:03	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369476	08/27/21 12:45	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369647	08/20/21 10:52	FDS	TAL PIT

Client Sample ID: GWC-17

Date Collected: 08/20/21 12:40

Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-17

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370035	09/03/21 03:57	J1T	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369323	08/26/21 12:35	TLP	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369490	08/27/21 12:39	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	369922	09/01/21 12:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370104	09/02/21 13:04	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369476	08/27/21 12:45	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369647	08/20/21 12:40	FDS	TAL PIT

Client Sample ID: EB-3

Date Collected: 08/23/21 14:30

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 03:14	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 09:40	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:43	KEM	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-3

Lab Sample ID: 180-126274-1

Date Collected: 08/23/21 14:30

Matrix: Water

Date Received: 08/26/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT

Client Sample ID: FB-3

Lab Sample ID: 180-126274-2

Date Collected: 08/24/21 11:35

Matrix: Water

Date Received: 08/26/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 02:58	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 09:43	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:49	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT

Client Sample ID: Dup-3

Lab Sample ID: 180-126274-3

Date Collected: 08/23/21 00:00

Matrix: Water

Date Received: 08/26/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 03:30	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 09:46	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:44	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT

Client Sample ID: GWC-23

Lab Sample ID: 180-126274-4

Date Collected: 08/23/21 12:35

Matrix: Ground Water

Date Received: 08/26/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 04:19	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 09:49	RJR	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-23
Date Collected: 08/23/21 12:35
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:45	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/23/21 12:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-27
Date Collected: 08/23/21 13:55
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370303	09/05/21 04:36	SAB	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369936	09/01/21 09:52	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:46	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/23/21 13:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-11
Date Collected: 08/23/21 11:40
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370303	09/05/21 04:52	SAB	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369936	09/01/21 09:55	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370276	09/03/21 14:47	KEM	TAL PIT
Instrument ID: HGY										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/23/21 11:40	FDS	TAL PIT
Instrument ID: NOEQUIP										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-13
Date Collected: 08/23/21 12:45
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 05:08	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 09:57	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:48	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/23/21 12:45	FDS	TAL PIT

Client Sample ID: GWC-14
Date Collected: 08/23/21 14:03
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 05:25	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 10:06	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:49	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/23/21 14:03	FDS	TAL PIT

Client Sample ID: GWC-30
Date Collected: 08/23/21 15:16
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 01:36	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 10:09	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370041	09/02/21 08:39	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGY		1			370276	09/03/21 14:50	KEM	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-30
Date Collected: 08/23/21 15:16
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369553	08/29/21 17:57	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/23/21 15:16	FDS	TAL PIT

Client Sample ID: GWC-34
Date Collected: 08/24/21 11:50
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			370303	09/05/21 01:52	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369726	08/31/21 08:59	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 10:12	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:49	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/24/21 11:50	FDS	TAL PIT

Client Sample ID: GWC-33
Date Collected: 08/24/21 13:10
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-11
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 04:26	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 07:09	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:14	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:52	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/24/21 13:10	FDS	TAL PIT

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-4

Date Collected: 08/24/21 13:45

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 06:53	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 06:51	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:28	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:53	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT

Client Sample ID: FB-4

Date Collected: 08/24/21 14:51

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 06:37	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 06:33	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:31	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:54	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT

Client Sample ID: Dup-4

Date Collected: 08/24/21 00:00

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 05:15	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 08:02	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:40	RJR	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: Dup-4

Date Collected: 08/24/21 00:00

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370682	09/08/21 15:55	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-32

Date Collected: 08/24/21 14:08

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-15

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370761	09/10/21 05:32	J1T	TAL PIT
Instrument ID: CHICS2100B										
Total/NA	Analysis	EPA 300.0 R2.1		1			370304	09/05/21 08:20	SAB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369936	09/01/21 08:42	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370682	09/08/21 15:56	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/24/21 14:08	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-15

Date Collected: 08/24/21 11:20

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-16

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370761	09/10/21 05:48	J1T	TAL PIT
Instrument ID: CHICS2100B										
Total/NA	Analysis	EPA 300.0 R2.1		1			370304	09/05/21 08:38	SAB	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369936	09/01/21 08:45	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370682	09/08/21 15:57	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/24/21 11:20	FDS	TAL PIT
Instrument ID: NOEQUIP										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-18

Date Collected: 08/24/21 12:15

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-17

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 07:26	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 08:56	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:48	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:58	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/24/21 12:15	FDS	TAL PIT

Client Sample ID: GWC-19

Date Collected: 08/24/21 13:45

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-18

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 07:42	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 09:14	SAB	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			369936	09/01/21 08:51	RJR	TAL PIT
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A Instrument ID: HGZ		1			370682	09/08/21 15:59	KEM	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			369649	08/24/21 13:45	FDS	TAL PIT

Client Sample ID: GWC-20

Date Collected: 08/24/21 14:50

Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-19

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			370761	09/10/21 07:10	J1T	TAL PIT
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			370304	09/05/21 05:22	SAB	TAL PIT

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-20
Date Collected: 08/24/21 14:50
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-19
Matrix: Ground 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			50 mL	50 mL	369722	08/31/21 08:56	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			369936	09/01/21 08:54	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370045	09/02/21 08:58	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			370682	09/08/21 16:00	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369661	08/30/21 15:16	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			369649	08/24/21 14:50	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-9
Date Collected: 08/25/21 10:59
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126369-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370919	09/11/21 10:27	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:08	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:13	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:43	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 10:59	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-31
Date Collected: 08/25/21 11:53
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126369-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			370919	09/11/21 10:43	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:11	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:16	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-31

Lab Sample ID: 180-126369-2

Date Collected: 08/25/21 11:53

Matrix: Ground Water

Date Received: 08/28/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:44	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 11:53	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

- AMD = Alysha Donlan
- MM1 = Mary Beth Miller
- TLP = Tara Peterson

Batch Type: Analysis

- DFE = David Eppinger
- FDS = Sampler Field
- J1T = Jianwu Tang
- KEM = Kimberly Mahoney
- KMM = Kendric Moore
- RJR = Ron Rosenbaum
- RSK = Robert Kurtz
- SAB = Sharon Bacha

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-1

Lab Sample ID: 180-125924-1

Date Collected: 08/18/21 14:30

Matrix: Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/21 02:55	1
Fluoride	0.091	J	0.10	0.026	mg/L			09/01/21 02:55	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/21 02:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:35	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:35	1
Barium	<0.0016		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:35	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:35	1
Boron	0.051	J	0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:35	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:35	1
Calcium	<0.13		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:35	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:35	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:35	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:35	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:35	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:35	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:35	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:35	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:35	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:35	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:35	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/24/21 11:27	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: FB-1

Lab Sample ID: 180-125924-2

Date Collected: 08/18/21 12:05

Matrix: Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/01/21 03:10	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/21 03:10	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/21 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:39	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:39	1
Barium	<0.0016		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:39	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:39	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:39	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:39	1
Calcium	<0.13		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:39	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:39	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:39	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:39	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:39	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:39	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:39	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:39	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:39	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:39	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:39	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/24/21 11:27	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: Dup-1

Lab Sample ID: 180-125924-3

Date Collected: 08/18/21 00:00

Matrix: Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42		1.0	0.71	mg/L			09/01/21 03:26	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/21 03:26	1
Sulfate	51		1.0	0.76	mg/L			09/01/21 03:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:42	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:42	1
Barium	0.098		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:42	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:42	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:42	1
Calcium	16		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:42	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:42	1
Cobalt	0.00024	J	0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:42	1
Copper	0.0016	J	0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:42	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:42	1
Nickel	0.0040		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:42	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:42	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:42	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:42	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:42	1
Zinc	0.040		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:42	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			08/24/21 11:27	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-1

Lab Sample ID: 180-125924-4

Date Collected: 08/16/21 15:52

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.71	mg/L			09/01/21 05:01	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/21 05:01	1
Sulfate	<0.76		1.0	0.76	mg/L			09/01/21 05:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:46	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:46	1
Barium	0.010		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:46	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:46	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:46	1
Calcium	0.77		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:46	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:46	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:46	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:46	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:46	1
Nickel	0.00076	J	0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:46	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:46	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:46	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:46	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:46	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:46	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 12:47	08/25/21 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	15		10	10	mg/L			08/20/21 15:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.48				SU			08/16/21 15:52	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-28

Lab Sample ID: 180-125924-5

Date Collected: 08/16/21 14:02

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/01/21 03:42	1
Fluoride	1.6		0.10	0.026	mg/L			09/01/21 03:42	1
Sulfate	1.1		1.0	0.76	mg/L			09/01/21 03:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:49	1
Barium	<0.0016		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:49	1
Beryllium	0.00041	J	0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:49	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:49	1
Calcium	2.7		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:49	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:49	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:49	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:49	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:49	1
Vanadium	0.0011		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:49	1
Zinc	0.0061		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 12:47	08/25/21 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	50		10	10	mg/L			08/20/21 15:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.21				SU			08/16/21 14:02	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-2

Lab Sample ID: 180-125924-6

Date Collected: 08/18/21 12:25

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		1.0	0.71	mg/L			09/01/21 05:17	1
Fluoride	<0.026		0.10	0.026	mg/L			09/01/21 05:17	1
Sulfate	0.90	J	1.0	0.76	mg/L			09/01/21 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:53	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:53	1
Barium	0.014		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:53	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:53	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:53	1
Calcium	3.3		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:53	1
Cobalt	0.00020	J	0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:53	1
Copper	0.0011	J	0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:53	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:53	1
Nickel	0.0010		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:53	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:53	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:53	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:53	1
Vanadium	0.0011		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:53	1
Zinc	0.0046	J	0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	50		10	10	mg/L			08/24/21 11:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.58				SU			08/18/21 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-29

Lab Sample ID: 180-125924-7

Date Collected: 08/18/21 14:25

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			09/01/21 05:33	1
Fluoride	2.0		0.10	0.026	mg/L			09/01/21 05:33	1
Sulfate	6.7		1.0	0.76	mg/L			09/01/21 05:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:56	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:56	1
Barium	<0.0016		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:56	1
Beryllium	0.0021	J	0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:56	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:56	1
Calcium	4.2		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:56	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:56	1
Copper	0.0060		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:56	1
Lead	0.00021	J	0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:56	1
Nickel	0.0014		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:56	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:56	1
Silver	0.0013		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:56	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:56	1
Vanadium	0.0012		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:56	1
Zinc	0.024		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	76		10	10	mg/L			08/24/21 11:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.79				SU			08/18/21 14:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-3

Lab Sample ID: 180-125924-8

Date Collected: 08/18/21 12:32

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41		1.0	0.71	mg/L			09/01/21 05:49	1
Fluoride	0.035	J	0.10	0.026	mg/L			09/01/21 05:49	1
Sulfate	51		1.0	0.76	mg/L			09/01/21 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:59	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:59	1
Barium	0.092		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:59	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:59	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:59	1
Calcium	16		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:59	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:59	1
Cobalt	0.00024	J	0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:59	1
Copper	0.0017	J	0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:59	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:59	1
Nickel	0.0039		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:59	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:59	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:59	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:59	1
Vanadium	0.0015		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:59	1
Zinc	0.038		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:59	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			08/24/21 11:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.32				SU			08/18/21 12:32	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWA-4

Lab Sample ID: 180-125924-9

Date Collected: 08/18/21 14:17

Matrix: Ground Water

Date Received: 08/19/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.71	mg/L			09/01/21 06:05	1
Fluoride	0.079	J	0.10	0.026	mg/L			09/01/21 06:05	1
Sulfate	9.7		1.0	0.76	mg/L			09/01/21 06:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 14:10	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 14:10	1
Barium	0.12		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 14:10	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 14:10	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 14:10	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 14:10	1
Calcium	24		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 14:10	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 14:10	1
Cobalt	0.0050		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 14:10	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 14:10	1
Lead	0.00031	J	0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 14:10	1
Nickel	0.0032		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 14:10	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 14:10	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 14:10	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 14:10	1
Vanadium	0.0011		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 14:10	1
Zinc	0.0034	J	0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 14:10	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	150		10	10	mg/L			08/24/21 11:27	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.22				SU			08/18/21 14:17	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-2

Lab Sample ID: 180-126092-1

Date Collected: 08/19/21 14:50

Matrix: Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/21 19:45	1
Fluoride	0.11		0.10	0.026	mg/L			09/03/21 19:45	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 13:46	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 13:46	1
Barium	<0.0016		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 13:46	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 13:46	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 13:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 13:46	1
Calcium	<0.13		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 13:46	1
Chromium	0.0024		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 13:46	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 13:46	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 13:46	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 13:46	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 13:46	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 13:46	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 13:46	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 13:46	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 13:46	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 13:46	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/25/21 16:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: FB-2

Lab Sample ID: 180-126092-2

Date Collected: 08/19/21 11:30

Matrix: Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/21 20:03	1
Fluoride	0.080	J	0.10	0.026	mg/L			09/03/21 20:03	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 13:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 13:49	1
Barium	<0.0016		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 13:49	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 13:49	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 13:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 13:49	1
Calcium	<0.13		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 13:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 13:49	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 13:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 13:49	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 13:49	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 13:49	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 13:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 13:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 13:49	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 13:49	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 13:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/25/21 16:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: Dup-2
Date Collected: 08/19/21 00:00
Date Received: 08/21/21 09:30

Lab Sample ID: 180-126092-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.4		1.0	0.71	mg/L			09/03/21 22:08	1
Fluoride	0.10		0.10	0.026	mg/L			09/03/21 22:08	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 13:53	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 13:53	1
Barium	0.064		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 13:53	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 13:53	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 13:53	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 13:53	1
Calcium	11		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 13:53	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 13:53	1
Cobalt	0.0050		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 13:53	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 13:53	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 13:53	1
Nickel	0.00065	J	0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 13:53	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 13:53	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 13:53	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 13:53	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 13:53	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 13:53	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	78		10	10	mg/L			08/26/21 12:26	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-35

Lab Sample ID: 180-126092-4

Date Collected: 08/18/21 15:45

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5		1.0	0.71	mg/L			09/03/21 22:26	1
Fluoride	0.11		0.10	0.026	mg/L			09/03/21 22:26	1
Sulfate	2.7		1.0	0.76	mg/L			09/03/21 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 13:56	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 13:56	1
Barium	0.023		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 13:56	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 13:56	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 13:56	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 13:56	1
Calcium	2.3		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 13:56	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 13:56	1
Cobalt	0.00022	J	0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 13:56	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 13:56	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 13:56	1
Nickel	0.00094	J	0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 13:56	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 13:56	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 13:56	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 13:56	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 13:56	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 13:56	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:36	09/03/21 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	50		10	10	mg/L			08/25/21 10:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.53				SU			08/18/21 15:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-24

Lab Sample ID: 180-126092-5

Date Collected: 08/19/21 11:45

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.2		1.0	0.71	mg/L			09/03/21 22:44	1
Fluoride	0.089	J	0.10	0.026	mg/L			09/03/21 22:44	1
Sulfate	0.77	J	1.0	0.76	mg/L			09/03/21 01:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 13:59	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 13:59	1
Barium	0.013		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 13:59	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 13:59	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 13:59	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 13:59	1
Calcium	0.32	J	0.50	0.13	mg/L		08/25/21 11:37	08/26/21 13:59	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 13:59	1
Cobalt	0.0028		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 13:59	1
Copper	0.0010	J B	0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 13:59	1
Lead	0.0015	B	0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 13:59	1
Nickel	0.0017		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 13:59	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 13:59	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 13:59	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 13:59	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 13:59	1
Zinc	0.014		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 13:59	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	30		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.10				SU			08/19/21 11:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-5

Lab Sample ID: 180-126092-6

Date Collected: 08/19/21 11:02

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.71	mg/L			09/03/21 23:01	1
Fluoride	0.19		0.10	0.026	mg/L			09/03/21 23:01	1
Sulfate	29		1.0	0.76	mg/L			09/03/21 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 14:03	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 14:03	1
Barium	0.025		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 14:03	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 14:03	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 14:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 14:03	1
Calcium	35		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 14:03	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 14:03	1
Cobalt	0.0045		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 14:03	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 14:03	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 14:03	1
Nickel	0.0037		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 14:03	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 14:03	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 14:03	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 14:03	1
Vanadium	0.0026		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 14:03	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 14:03	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	220		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.42				SU			08/19/21 11:02	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-6

Lab Sample ID: 180-126092-7

Date Collected: 08/18/21 15:57

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.5		1.0	0.71	mg/L			09/03/21 19:27	1
Fluoride	0.14		0.10	0.026	mg/L			09/03/21 19:27	1
Sulfate	13		1.0	0.76	mg/L			09/02/21 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 14:13	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 14:13	1
Barium	0.061		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 14:13	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 14:13	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 14:13	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 14:13	1
Calcium	16		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 14:13	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 14:13	1
Cobalt	0.013		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 14:13	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 14:13	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 14:13	1
Nickel	0.0058		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 14:13	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 14:13	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 14:13	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 14:13	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 14:13	1
Zinc	0.0034	J	0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 14:13	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:36	09/03/21 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			08/25/21 10:30	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.90				SU			08/18/21 15:57	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-25

Lab Sample ID: 180-126092-8

Date Collected: 08/19/21 13:25

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9		1.0	0.71	mg/L			09/03/21 19:09	1
Fluoride	0.11		0.10	0.026	mg/L			09/03/21 19:09	1
Sulfate	7.2		1.0	0.76	mg/L			09/02/21 22:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:26	08/27/21 12:30	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:26	08/27/21 12:30	1
Barium	0.030		0.010	0.0016	mg/L		08/26/21 12:26	08/27/21 12:30	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:26	08/27/21 12:30	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:26	08/28/21 11:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:26	08/27/21 12:30	1
Calcium	7.4		0.50	0.13	mg/L		08/26/21 12:26	08/27/21 12:30	1
Chromium	0.0016	J	0.0020	0.0015	mg/L		08/26/21 12:26	08/27/21 12:30	1
Cobalt	0.0041		0.0025	0.00013	mg/L		08/26/21 12:26	08/27/21 12:30	1
Copper	0.0016	J	0.0020	0.00063	mg/L		08/26/21 12:26	08/27/21 12:30	1
Lead	0.00028	J	0.0010	0.00013	mg/L		08/26/21 12:26	08/27/21 12:30	1
Nickel	0.0035		0.0010	0.00034	mg/L		08/26/21 12:26	08/27/21 12:30	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:26	08/27/21 12:30	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:26	08/27/21 12:30	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:26	08/27/21 12:30	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:26	08/27/21 12:30	1
Zinc	0.0076		0.0050	0.0032	mg/L		08/26/21 12:26	08/27/21 12:30	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	81		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.97				SU			08/19/21 13:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-26

Lab Sample ID: 180-126092-9

Date Collected: 08/19/21 14:20

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.71	mg/L			09/03/21 18:51	1
Fluoride	0.10		0.10	0.026	mg/L			09/03/21 18:51	1
Sulfate	0.82	J	1.0	0.76	mg/L			09/02/21 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:26	08/27/21 12:34	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:26	08/27/21 12:34	1
Barium	0.036		0.010	0.0016	mg/L		08/26/21 12:26	08/27/21 12:34	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:26	08/27/21 12:34	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:26	08/28/21 11:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:26	08/27/21 12:34	1
Calcium	2.1		0.50	0.13	mg/L		08/26/21 12:26	08/27/21 12:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:26	08/27/21 12:34	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:26	08/27/21 12:34	1
Copper	0.0011	J	0.0020	0.00063	mg/L		08/26/21 12:26	08/27/21 12:34	1
Lead	0.0015		0.0010	0.00013	mg/L		08/26/21 12:26	08/27/21 12:34	1
Nickel	0.00059	J	0.0010	0.00034	mg/L		08/26/21 12:26	08/27/21 12:34	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:26	08/27/21 12:34	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:26	08/27/21 12:34	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:26	08/27/21 12:34	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:26	08/27/21 12:34	1
Zinc	0.0049	J	0.0050	0.0032	mg/L		08/26/21 12:26	08/27/21 12:34	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	50		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.69				SU			08/19/21 14:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-7

Lab Sample ID: 180-126092-10

Date Collected: 08/19/21 12:25

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			09/03/21 18:16	1
Fluoride	0.35		0.10	0.026	mg/L			09/03/21 18:16	1
Sulfate	45		1.0	0.76	mg/L			09/02/21 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:26	08/27/21 12:37	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:26	08/27/21 12:37	1
Barium	0.069		0.010	0.0016	mg/L		08/26/21 12:26	08/27/21 12:37	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:26	08/27/21 12:37	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:26	08/28/21 11:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:26	08/27/21 12:37	1
Calcium	47		0.50	0.13	mg/L		08/26/21 12:26	08/27/21 12:37	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:26	08/27/21 12:37	1
Cobalt	0.0023	J	0.0025	0.00013	mg/L		08/26/21 12:26	08/27/21 12:37	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:26	08/27/21 12:37	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:26	08/27/21 12:37	1
Nickel	0.0093		0.0010	0.00034	mg/L		08/26/21 12:26	08/27/21 12:37	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:26	08/27/21 12:37	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:26	08/27/21 12:37	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:26	08/27/21 12:37	1
Vanadium	0.0020		0.0010	0.00099	mg/L		08/26/21 12:26	08/27/21 12:37	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:26	08/27/21 12:37	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	380		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.38				SU			08/19/21 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-12

Lab Sample ID: 180-126092-11

Date Collected: 08/19/21 14:50

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27		1.0	0.71	mg/L			09/03/21 12:14	1
Fluoride	0.26		0.10	0.026	mg/L			09/03/21 12:14	1
Sulfate	33		1.0	0.76	mg/L			09/02/21 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:06	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:06	1
Barium	0.023		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:06	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:06	1
Boron	0.077	J	0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:06	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:06	1
Calcium	51		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:06	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:06	1
Cobalt	0.00044	J	0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:06	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:06	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:06	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:06	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:06	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:06	1
Thallium	0.00032	J	0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:06	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:06	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:06	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	240		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.26				SU			08/19/21 14:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-21

Lab Sample ID: 180-126092-12

Date Collected: 08/19/21 13:35

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		5.0	3.6	mg/L			09/03/21 18:34	5
Fluoride	0.48	J	0.50	0.13	mg/L			09/03/21 18:34	5
Sulfate	<0.76		1.0	0.76	mg/L			09/02/21 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:20	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:20	1
Barium	0.062		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:20	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:20	1
Boron	0.047	J	0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:20	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:20	1
Calcium	10		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:20	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:20	1
Cobalt	0.0049		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:20	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:20	1
Lead	0.00018	J	0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:20	1
Nickel	0.00071	J	0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:20	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:20	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:20	1
Thallium	0.00052	J	0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:20	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:20	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:20	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	84		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.54				SU			08/19/21 13:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-22

Lab Sample ID: 180-126092-13

Date Collected: 08/19/21 12:30

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			09/03/21 10:43	1
Fluoride	0.031	J	0.10	0.026	mg/L			09/03/21 10:43	1
Sulfate	1.2		1.0	0.76	mg/L			09/03/21 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:22	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:22	1
Barium	0.024		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:22	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:22	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:22	1
Calcium	11		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:22	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:22	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:22	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:22	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:22	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:22	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:22	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:22	1
Thallium	0.00025	J	0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:22	1
Vanadium	0.0063		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:22	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:22	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	120		10	10	mg/L			08/26/21 12:26	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.58				SU			08/19/21 12:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-8

Lab Sample ID: 180-126092-14

Date Collected: 08/20/21 11:15

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.71	mg/L			09/03/21 10:59	1
Fluoride	0.10		0.10	0.026	mg/L			09/03/21 10:59	1
Sulfate	17		1.0	0.76	mg/L			09/03/21 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:31	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:31	1
Barium	0.044		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:31	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:31	1
Boron	0.040	J	0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:31	1
Calcium	28		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:31	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:31	1
Cobalt	0.013		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:31	1
Copper	0.0013	J	0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:31	1
Lead	0.00031	J	0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:31	1
Nickel	0.0041		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:31	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:31	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:31	1
Thallium	0.00028	J	0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:31	1
Vanadium	0.0012		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:31	1
Zinc	0.0046	J	0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:31	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 12:39	09/02/21 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			08/27/21 12:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.91				SU			08/20/21 11:15	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-10

Lab Sample ID: 180-126092-15

Date Collected: 08/20/21 12:25

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.8		1.0	0.71	mg/L			09/03/21 03:25	1
Fluoride	0.89		0.10	0.026	mg/L			09/03/21 03:25	1
Sulfate	10		1.0	0.76	mg/L			09/03/21 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:34	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:34	1
Barium	0.017		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:34	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:34	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:34	1
Calcium	14		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:34	1
Cobalt	0.0041		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:34	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:34	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:34	1
Nickel	0.0014		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:34	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:34	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:34	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:34	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:34	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:34	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 12:39	09/02/21 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	140		10	10	mg/L			08/27/21 12:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.68				SU			08/20/21 12:25	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-16

Lab Sample ID: 180-126092-16

Date Collected: 08/20/21 10:52

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.71	mg/L			09/03/21 03:41	1
Fluoride	0.065	J	0.10	0.026	mg/L			09/03/21 03:41	1
Sulfate	1.0		1.0	0.76	mg/L			09/03/21 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:37	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:37	1
Barium	0.018		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:37	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:37	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:37	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:37	1
Calcium	7.1		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:37	1
Chromium	0.0021		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:37	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:37	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:37	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:37	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:37	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:37	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:37	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:37	1
Vanadium	0.0047		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:37	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:37	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 12:39	09/02/21 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	83		10	10	mg/L			08/27/21 12:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.98				SU			08/20/21 10:52	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-17

Lab Sample ID: 180-126092-17

Date Collected: 08/20/21 12:40

Matrix: Ground Water

Date Received: 08/21/21 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			09/03/21 03:57	1
Fluoride	0.091	J	0.10	0.026	mg/L			09/03/21 03:57	1
Sulfate	1.1		1.0	0.76	mg/L			09/03/21 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:39	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:39	1
Barium	0.016		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:39	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:39	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:39	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:39	1
Calcium	8.7		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:39	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:39	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:39	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:39	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:39	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:39	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:39	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:39	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:39	1
Vanadium	0.0032		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:39	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:39	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 12:39	09/02/21 13:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	98		10	10	mg/L			08/27/21 12:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.05				SU			08/20/21 12:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-3

Lab Sample ID: 180-126274-1

Date Collected: 08/23/21 14:30

Matrix: Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/05/21 03:14	1
Fluoride	<0.026		0.10	0.026	mg/L			09/05/21 03:14	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:40	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:40	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:40	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:40	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:40	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:40	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:40	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:40	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:40	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:40	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:40	1
Thallium	0.00031	J	0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:40	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:40	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:40	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/29/21 17:57	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: FB-3

Lab Sample ID: 180-126274-2

Date Collected: 08/24/21 11:35

Matrix: Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/05/21 02:58	1
Fluoride	0.034	J	0.10	0.026	mg/L			09/05/21 02:58	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 02:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:43	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:43	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:43	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:43	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:43	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:43	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:43	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:43	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:43	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:43	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:43	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:43	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:43	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:43	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:43	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:43	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:43	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/21 15:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: Dup-3

Lab Sample ID: 180-126274-3

Date Collected: 08/23/21 00:00

Matrix: Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.71	mg/L			09/05/21 03:30	1
Fluoride	0.34		0.10	0.026	mg/L			09/05/21 03:30	1
Sulfate	0.96	J	1.0	0.76	mg/L			09/05/21 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:46	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:46	1
Barium	0.0096	J	0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:46	1
Beryllium	0.0014	J	0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:46	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:46	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:46	1
Calcium	1.5		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:46	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:46	1
Cobalt	0.0016	J	0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:46	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:46	1
Lead	0.00016	J	0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:46	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:46	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:46	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:46	1
Thallium	0.00023	J	0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:46	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:46	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:46	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	30		10	10	mg/L			08/29/21 17:57	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-23

Lab Sample ID: 180-126274-4

Date Collected: 08/23/21 12:35

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.71	mg/L			09/05/21 04:19	1
Fluoride	0.051	J	0.10	0.026	mg/L			09/05/21 04:19	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 04:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:49	1
Barium	0.0053	J	0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:49	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:49	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:49	1
Calcium	3.9		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:49	1
Chromium	<0.00015		0.0020	0.00015	mg/L		08/31/21 08:59	09/01/21 09:49	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:49	1
Copper	0.0011	J	0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:49	1
Lead	0.00033	J	0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:49	1
Nickel	0.00059	J	0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:49	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:49	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:49	1
Zinc	0.032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:49	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	47		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.90				SU			08/23/21 12:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-27

Lab Sample ID: 180-126274-5

Date Collected: 08/23/21 13:55

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.1		1.0	0.71	mg/L			09/05/21 04:36	1
Fluoride	0.27		0.10	0.026	mg/L			09/05/21 04:36	1
Sulfate	0.78	J	1.0	0.76	mg/L			09/05/21 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:52	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:52	1
Barium	0.010		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:52	1
Beryllium	0.0015	J	0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:52	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:52	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:52	1
Calcium	1.6		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:52	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:52	1
Cobalt	0.0014	J	0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:52	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:52	1
Lead	0.00027	J	0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:52	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:52	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:52	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:52	1
Thallium	0.00018	J	0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:52	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:52	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:52	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	30		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.35				SU			08/23/21 13:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-11

Lab Sample ID: 180-126274-6

Date Collected: 08/23/21 11:40

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	0.71	mg/L			09/05/21 04:52	1
Fluoride	0.21		0.10	0.026	mg/L			09/05/21 04:52	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 04:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:55	1
Arsenic	0.0014		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:55	1
Barium	0.23		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:55	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:55	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:55	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:55	1
Calcium	9.1		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:55	1
Chromium	0.0017	J	0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:55	1
Cobalt	0.0019	J	0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:55	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:55	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:55	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:55	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:55	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:55	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:55	1
Vanadium	0.0025		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:55	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:55	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	190		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.02				SU			08/23/21 11:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-13

Lab Sample ID: 180-126274-7

Date Collected: 08/23/21 12:45

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.71	mg/L			09/05/21 05:08	1
Fluoride	0.12		0.10	0.026	mg/L			09/05/21 05:08	1
Sulfate	2.0		1.0	0.76	mg/L			09/05/21 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:57	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:57	1
Barium	0.0031	J	0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:57	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:57	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:57	1
Calcium	4.2		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:57	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:57	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:57	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:57	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:57	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:57	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:57	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:57	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:57	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:57	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:57	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	56		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.52				SU			08/23/21 12:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-14

Lab Sample ID: 180-126274-8

Date Collected: 08/23/21 14:03

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99		1.0	0.71	mg/L			09/05/21 05:25	1
Fluoride	0.068	J	0.10	0.026	mg/L			09/05/21 05:25	1
Sulfate	8.6		1.0	0.76	mg/L			09/05/21 05:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 10:06	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 10:06	1
Barium	0.17		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 10:06	1
Beryllium	0.00026	J	0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 10:06	1
Boron	0.61		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 10:06	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 10:06	1
Calcium	21		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 10:06	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 10:06	1
Cobalt	0.31		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 10:06	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 10:06	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 10:06	1
Nickel	0.021		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 10:06	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 10:06	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 10:06	1
Thallium	0.00055	J	0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 10:06	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 10:06	1
Zinc	0.017		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 10:06	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	290		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.48				SU			08/23/21 14:03	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-30

Lab Sample ID: 180-126274-9

Date Collected: 08/23/21 15:16

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/05/21 01:36	1
Fluoride	0.12		0.10	0.026	mg/L			09/05/21 01:36	1
Sulfate	1.2		1.0	0.76	mg/L			09/05/21 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 10:09	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 10:09	1
Barium	0.0076	J	0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 10:09	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 10:09	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 10:09	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 10:09	1
Calcium	3.5		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 10:09	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 10:09	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 10:09	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 10:09	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 10:09	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 10:09	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 10:09	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 10:09	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 10:09	1
Vanadium	0.0015		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 10:09	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 10:09	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	54		10	10	mg/L			08/29/21 17:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.96				SU			08/23/21 15:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-34

Lab Sample ID: 180-126274-10

Date Collected: 08/24/21 11:50

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.71	mg/L			09/05/21 01:52	1
Fluoride	0.22		0.10	0.026	mg/L			09/05/21 01:52	1
Sulfate	1.4		1.0	0.76	mg/L			09/05/21 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 10:12	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 10:12	1
Barium	0.012		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 10:12	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 10:12	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 10:12	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 10:12	1
Calcium	2.7		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 10:12	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 10:12	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 10:12	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 10:12	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 10:12	1
Nickel	0.00043	J	0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 10:12	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 10:12	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 10:12	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 10:12	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 10:12	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 10:12	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	44		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.93				SU			08/24/21 11:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-33

Lab Sample ID: 180-126274-11

Date Collected: 08/24/21 13:10

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.6		1.0	0.71	mg/L			09/10/21 04:26	1
Fluoride	1.1		0.10	0.026	mg/L			09/05/21 07:09	1
Sulfate	8.1		1.0	0.76	mg/L			09/05/21 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:14	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:14	1
Barium	0.010		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:14	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:14	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:14	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:14	1
Calcium	17		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:14	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:14	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:14	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:14	1
Lead	0.00027	J	0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:14	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:14	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:14	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:14	1
Thallium	0.00032	J	0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:14	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:14	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:14	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	100		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.32				SU			08/24/21 13:10	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: EB-4

Lab Sample ID: 180-126274-12

Date Collected: 08/24/21 13:45

Matrix: Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/10/21 06:53	1
Fluoride	0.072	J	0.10	0.026	mg/L			09/05/21 06:51	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 06:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:28	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:28	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:28	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:28	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:28	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:28	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:28	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:28	1
Lead	0.00013	J	0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:28	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:28	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:28	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:28	1
Thallium	0.00045	J	0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:28	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:28	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/21 15:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: FB-4

Lab Sample ID: 180-126274-13

Date Collected: 08/24/21 14:51

Matrix: Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/10/21 06:37	1
Fluoride	0.087	J	0.10	0.026	mg/L			09/05/21 06:33	1
Sulfate	<0.76		1.0	0.76	mg/L			09/05/21 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:31	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:31	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:31	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:31	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:31	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:31	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:31	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:31	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:31	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:31	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:31	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:31	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:31	1
Thallium	0.00018	J	0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:31	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:31	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:31	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/21 15:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: Dup-4
Date Collected: 08/24/21 00:00
Date Received: 08/26/21 10:00

Lab Sample ID: 180-126274-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.71	mg/L			09/10/21 05:15	1
Fluoride	0.10		0.10	0.026	mg/L			09/05/21 08:02	1
Sulfate	0.88	J	1.0	0.76	mg/L			09/05/21 08:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:40	1
Barium	0.033		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:40	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:40	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:40	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:40	1
Calcium	8.9		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:40	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:40	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:40	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:40	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:40	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:40	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:40	1
Vanadium	0.0016		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:40	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:40	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			08/30/21 15:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-32

Lab Sample ID: 180-126274-15

Date Collected: 08/24/21 14:08

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.71	mg/L			09/10/21 05:32	1
Fluoride	2.1		0.10	0.026	mg/L			09/05/21 08:20	1
Sulfate	10		1.0	0.76	mg/L			09/05/21 08:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:42	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:42	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:42	1
Beryllium	0.0011	J	0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:42	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:42	1
Calcium	6.1		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:42	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:42	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:42	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:42	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:42	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:42	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:42	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:42	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:42	1
Vanadium	0.0011		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:42	1
Zinc	0.022		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:42	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	94		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.12				SU			08/24/21 14:08	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-15

Lab Sample ID: 180-126274-16

Date Collected: 08/24/21 11:20

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.1		1.0	0.71	mg/L			09/10/21 05:48	1
Fluoride	0.13		0.10	0.026	mg/L			09/05/21 08:38	1
Sulfate	2.0		1.0	0.76	mg/L			09/05/21 08:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:45	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:45	1
Barium	0.0075	J	0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:45	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:45	1
Boron	0.047	J	0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:45	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:45	1
Calcium	8.6		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:45	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:45	1
Cobalt	0.00018	J	0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:45	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:45	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:45	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:45	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:45	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:45	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:45	1
Vanadium	0.0012		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:45	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:45	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	80		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.43				SU			08/24/21 11:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-18

Lab Sample ID: 180-126274-17

Date Collected: 08/24/21 12:15

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	0.71	mg/L			09/10/21 07:26	1
Fluoride	0.083	J	0.10	0.026	mg/L			09/05/21 08:56	1
Sulfate	0.89	J	1.0	0.76	mg/L			09/05/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:48	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:48	1
Barium	0.040		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:48	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:48	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:48	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:48	1
Calcium	7.8		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:48	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:48	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:48	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:48	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:48	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:48	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:48	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:48	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:48	1
Vanadium	0.0019		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:48	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:48	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	99		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.90				SU			08/24/21 12:15	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-19

Lab Sample ID: 180-126274-18

Date Collected: 08/24/21 13:45

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	0.71	mg/L			09/10/21 07:42	1
Fluoride	0.078	J	0.10	0.026	mg/L			09/05/21 09:14	1
Sulfate	2.5		1.0	0.76	mg/L			09/05/21 09:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:51	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:51	1
Barium	0.070		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:51	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:51	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:51	1
Calcium	9.3		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:51	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:51	1
Cobalt	0.00053	J	0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:51	1
Copper	0.00094	J	0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:51	1
Lead	0.00019	J	0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:51	1
Nickel	0.00050	J	0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:51	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:51	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:51	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:51	1
Vanadium	0.0016		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:51	1
Zinc	0.0034	J	0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:51	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	85		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.78				SU			08/24/21 13:45	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-20

Lab Sample ID: 180-126274-19

Date Collected: 08/24/21 14:50

Matrix: Ground Water

Date Received: 08/26/21 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.71	mg/L			09/10/21 07:10	1
Fluoride	0.077	J	0.10	0.026	mg/L			09/05/21 05:22	1
Sulfate	0.88	J	1.0	0.76	mg/L			09/05/21 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:54	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:54	1
Barium	0.032		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:54	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:54	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:54	1
Calcium	9.2		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:54	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:54	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:54	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:54	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:54	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:54	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:54	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:54	1
Vanadium	0.0018		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:54	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:54	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	96		10	10	mg/L			08/30/21 15:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.17				SU			08/24/21 14:50	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-9

Lab Sample ID: 180-126369-1

Date Collected: 08/25/21 10:59

Matrix: Ground Water

Date Received: 08/28/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.4		1.0	0.71	mg/L			09/11/21 10:27	1
Fluoride	0.10		0.10	0.026	mg/L			09/11/21 10:27	1
Sulfate	14		1.0	0.76	mg/L			09/11/21 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:08	1
Arsenic	0.00045	J	0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:08	1
Barium	0.14		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:08	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:08	1
Boron	0.083		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:13	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:08	1
Calcium	12		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:08	1
Chromium	0.0024		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:08	1
Cobalt	0.027		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:08	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:08	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:08	1
Nickel	0.0041		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:08	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:08	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:08	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:08	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.55				SU			08/25/21 10:59	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Client Sample ID: GWC-31

Lab Sample ID: 180-126369-2

Date Collected: 08/25/21 11:53

Matrix: Ground Water

Date Received: 08/28/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.71	mg/L			09/11/21 10:43	1
Fluoride	1.5		0.10	0.026	mg/L			09/11/21 10:43	1
Sulfate	12		1.0	0.76	mg/L			09/11/21 10:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:11	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:11	1
Barium	0.0029	J	0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:11	1
Beryllium	0.00072	J	0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:11	1
Boron	<0.039		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:16	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:11	1
Calcium	9.4		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:11	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:11	1
Copper	0.0019	J	0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:11	1
Lead	0.00031	J	0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:11	1
Nickel	0.00064	J	0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:11	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:11	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:11	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:11	1
Vanadium	0.0010		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:11	1
Zinc	0.0074		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:11	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00016	J	0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	110		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.01				SU			08/25/21 11:53	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369773/45
Matrix: Water
Analysis Batch: 369773

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			08/31/21 22:57	1
Fluoride	<0.026		0.10	0.026	mg/L			08/31/21 22:57	1
Sulfate	<0.76		1.0	0.76	mg/L			08/31/21 22:57	1

Lab Sample ID: MB 180-369773/7
Matrix: Water
Analysis Batch: 369773

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			08/31/21 13:01	1
Fluoride	<0.026		0.10	0.026	mg/L			08/31/21 13:01	1
Sulfate	<0.76		1.0	0.76	mg/L			08/31/21 13:01	1

Lab Sample ID: LCS 180-369773/43
Matrix: Water
Analysis Batch: 369773

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.2		mg/L		102	90 - 110
Fluoride	2.50	2.66		mg/L		106	90 - 110
Sulfate	50.0	50.3		mg/L		101	90 - 110

Lab Sample ID: 180-125924-5 MS
Matrix: Ground Water
Analysis Batch: 369773

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	1.5		50.0	52.9		mg/L		103	90 - 110
Fluoride	1.6		2.50	4.06		mg/L		97	90 - 110
Sulfate	1.1		50.0	51.6		mg/L		101	90 - 110

Lab Sample ID: 180-125924-5 MSD
Matrix: Ground Water
Analysis Batch: 369773

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	1.5		50.0	54.0		mg/L		105	90 - 110	2	20
Fluoride	1.6		2.50	4.08		mg/L		98	90 - 110	1	20
Sulfate	1.1		50.0	53.0		mg/L		104	90 - 110	3	20

Lab Sample ID: MB 180-370035/44
Matrix: Water
Analysis Batch: 370035

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/02/21 19:52	1
Fluoride	<0.026		0.10	0.026	mg/L			09/02/21 19:52	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/21 19:52	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-370035/43
Matrix: Water
Analysis Batch: 370035

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.5		mg/L		101	90 - 110
Fluoride	2.50	2.74		mg/L		109	90 - 110
Sulfate	50.0	48.9		mg/L		98	90 - 110

Lab Sample ID: MB 180-370036/64
Matrix: Water
Analysis Batch: 370036

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/21 03:05	1
Fluoride	<0.026		0.10	0.026	mg/L			09/03/21 03:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 03:05	1

Lab Sample ID: LCS 180-370036/63
Matrix: Water
Analysis Batch: 370036

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	54.3		mg/L		109	90 - 110
Fluoride	2.50	2.58		mg/L		103	90 - 110
Sulfate	50.0	52.4		mg/L		105	90 - 110

Lab Sample ID: MB 180-370054/50
Matrix: Water
Analysis Batch: 370054

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.0306	J	0.10	0.026	mg/L			09/03/21 00:11	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 00:11	1

Lab Sample ID: MB 180-370054/6
Matrix: Water
Analysis Batch: 370054

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.44		1.0	0.71	mg/L			09/02/21 11:05	1
Fluoride	0.135		0.10	0.026	mg/L			09/02/21 11:05	1
Sulfate	<0.76		1.0	0.76	mg/L			09/02/21 11:05	1

Lab Sample ID: LCS 180-370054/49
Matrix: Water
Analysis Batch: 370054

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	2.50	2.60		mg/L		104	90 - 110
Sulfate	50.0	48.2		mg/L		96	90 - 110

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-370054/5
Matrix: Water
Analysis Batch: 370054

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50.0	50.6		mg/L		101	90 - 110

Lab Sample ID: 180-126092-6 MS
Matrix: Ground Water
Analysis Batch: 370054

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	29		50.0	76.3		mg/L		95	90 - 110

Lab Sample ID: 180-126092-6 MSD
Matrix: Ground Water
Analysis Batch: 370054

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	29		50.0	78.6		mg/L		100	90 - 110	3	20

Lab Sample ID: MB 180-370187/50
Matrix: Water
Analysis Batch: 370187

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/21 21:50	1
Fluoride	<0.026		0.10	0.026	mg/L			09/03/21 21:50	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 21:50	1

Lab Sample ID: MB 180-370187/6
Matrix: Water
Analysis Batch: 370187

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/03/21 08:50	1
Fluoride	<0.026		0.10	0.026	mg/L			09/03/21 08:50	1
Sulfate	<0.76		1.0	0.76	mg/L			09/03/21 08:50	1

Lab Sample ID: LCS 180-370187/49
Matrix: Water
Analysis Batch: 370187

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	47.7		mg/L		95	90 - 110
Fluoride	2.50	2.71		mg/L		108	90 - 110
Sulfate	50.0	50.4		mg/L		101	90 - 110

Lab Sample ID: LCS 180-370187/5
Matrix: Water
Analysis Batch: 370187

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	46.2		mg/L		92	90 - 110
Fluoride	2.50	2.59		mg/L		104	90 - 110

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-370187/5
Matrix: Water
Analysis Batch: 370187

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50.0	48.3		mg/L		97	90 - 110

Lab Sample ID: 180-126092-6 MS
Matrix: Ground Water
Analysis Batch: 370187

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10		50.0	57.8		mg/L		95	90 - 110
Fluoride	0.19		2.50	2.77		mg/L		103	90 - 110
Sulfate	29		50.0	77.3		mg/L		97	90 - 110

Lab Sample ID: 180-126092-6 MSD
Matrix: Ground Water
Analysis Batch: 370187

Client Sample ID: GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	10		50.0	57.5		mg/L		94	90 - 110	1	20
Fluoride	0.19		2.50	2.76		mg/L		103	90 - 110	0	20
Sulfate	29		50.0	76.5		mg/L		96	90 - 110	1	20

Lab Sample ID: MB 180-370303/7
Matrix: Water
Analysis Batch: 370303

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/04/21 20:30	1
Fluoride	<0.026		0.10	0.026	mg/L			09/04/21 20:30	1
Sulfate	<0.76		1.0	0.76	mg/L			09/04/21 20:30	1

Lab Sample ID: LCS 180-370303/6
Matrix: Water
Analysis Batch: 370303

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.9		mg/L		104	90 - 110
Fluoride	2.50	2.43		mg/L		97	90 - 110
Sulfate	50.0	50.5		mg/L		101	90 - 110

Lab Sample ID: 180-126274-3 MS
Matrix: Water
Analysis Batch: 370303

Client Sample ID: Dup-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1.2		50.0	49.5		mg/L		97	90 - 110
Fluoride	0.34		2.50	2.78		mg/L		98	90 - 110
Sulfate	0.96	J	50.0	47.4		mg/L		93	90 - 110

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: 180-126274-3 MSD
Matrix: Water
Analysis Batch: 370303

Client Sample ID: Dup-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.2		50.0	51.0		mg/L		100	90 - 110	3	20
Fluoride	0.34		2.50	2.83		mg/L		100	90 - 110	2	20
Sulfate	0.96	J	50.0	49.0		mg/L		96	90 - 110	3	20

Lab Sample ID: MB 180-370304/31
Matrix: Water
Analysis Batch: 370304

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.026		0.10	0.026	mg/L			09/04/21 23:42	1
Sulfate	<0.76		1.0	0.76	mg/L			09/04/21 23:42	1

Lab Sample ID: LCS 180-370304/30
Matrix: Water
Analysis Batch: 370304

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	2.50	2.49		mg/L		99	90 - 110
Sulfate	50.0	45.8		mg/L		92	90 - 110

Lab Sample ID: 180-126274-11 MS
Matrix: Ground Water
Analysis Batch: 370304

Client Sample ID: GWC-33
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	1.1		2.50	3.70		mg/L		106	90 - 110
Sulfate	8.1		50.0	57.5		mg/L		99	90 - 110

Lab Sample ID: 180-126274-11 MSD
Matrix: Ground Water
Analysis Batch: 370304

Client Sample ID: GWC-33
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluoride	1.1		2.50	3.62		mg/L		102	90 - 110	2	20
Sulfate	8.1		50.0	56.4		mg/L		97	90 - 110	2	20

Lab Sample ID: MB 180-370761/19
Matrix: Water
Analysis Batch: 370761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/09/21 14:17	1
Fluoride	<0.026		0.10	0.026	mg/L			09/09/21 14:17	1
Sulfate	<0.76		1.0	0.76	mg/L			09/09/21 14:17	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-370761/55
Matrix: Water
Analysis Batch: 370761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/10/21 00:21	1
Fluoride	<0.026		0.10	0.026	mg/L			09/10/21 00:21	1
Sulfate	<0.76		1.0	0.76	mg/L			09/10/21 00:21	1

Lab Sample ID: LCS 180-370761/18
Matrix: Water
Analysis Batch: 370761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.8		mg/L		106	90 - 110
Fluoride	2.50	2.60		mg/L		104	90 - 110
Sulfate	50.0	52.2		mg/L		104	90 - 110

Lab Sample ID: LCS 180-370761/54
Matrix: Water
Analysis Batch: 370761

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	48.1		mg/L		96	90 - 110
Fluoride	2.50	2.37		mg/L		95	90 - 110
Sulfate	50.0	47.5		mg/L		95	90 - 110

Lab Sample ID: 180-126274-11 MS
Matrix: Ground Water
Analysis Batch: 370761

Client Sample ID: GWC-33
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.6		50.0	54.4		mg/L		104	90 - 110

Lab Sample ID: 180-126274-11 MSD
Matrix: Ground Water
Analysis Batch: 370761

Client Sample ID: GWC-33
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2.6		50.0	53.2		mg/L		101	90 - 110	2	20

Lab Sample ID: MB 180-370919/63
Matrix: Water
Analysis Batch: 370919

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 03:23	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 03:23	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 03:23	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-370919/62
Matrix: Water
Analysis Batch: 370919

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.2		mg/L		98	90 - 110
Fluoride	2.50	2.65		mg/L		106	90 - 110
Sulfate	50.0	47.4		mg/L		95	90 - 110

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

Lab Sample ID: MB 180-368729/1-A
Matrix: Water
Analysis Batch: 369085

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 368729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/20/21 12:06	08/24/21 13:15	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/20/21 12:06	08/24/21 13:15	1
Barium	<0.0016		0.010	0.0016	mg/L		08/20/21 12:06	08/24/21 13:15	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/20/21 12:06	08/24/21 13:15	1
Boron	<0.039		0.080	0.039	mg/L		08/20/21 12:06	08/24/21 13:15	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/20/21 12:06	08/24/21 13:15	1
Calcium	<0.13		0.50	0.13	mg/L		08/20/21 12:06	08/24/21 13:15	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/20/21 12:06	08/24/21 13:15	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/20/21 12:06	08/24/21 13:15	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/20/21 12:06	08/24/21 13:15	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/20/21 12:06	08/24/21 13:15	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/20/21 12:06	08/24/21 13:15	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/20/21 12:06	08/24/21 13:15	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/20/21 12:06	08/24/21 13:15	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/20/21 12:06	08/24/21 13:15	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/20/21 12:06	08/24/21 13:15	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/20/21 12:06	08/24/21 13:15	1

Lab Sample ID: LCS 180-368729/2-A
Matrix: Water
Analysis Batch: 369085

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 368729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.243		mg/L		97	80 - 120
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Beryllium	0.500	0.533		mg/L		107	80 - 120
Boron	1.25	1.32		mg/L		106	80 - 120
Cadmium	0.500	0.516		mg/L		103	80 - 120
Calcium	25.0	27.5		mg/L		110	80 - 120
Chromium	0.500	0.507		mg/L		101	80 - 120
Cobalt	0.500	0.513		mg/L		103	80 - 120
Copper	0.500	0.501		mg/L		100	80 - 120
Lead	0.500	0.519		mg/L		104	80 - 120
Nickel	0.500	0.511		mg/L		102	80 - 120
Selenium	1.00	1.02		mg/L		102	80 - 120
Silver	0.250	0.256		mg/L		103	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-368729/2-A
Matrix: Water
Analysis Batch: 369085

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 368729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.500	0.511		mg/L		102	80 - 120
Zinc	0.250	0.252		mg/L		101	80 - 120

Lab Sample ID: MB 180-369166/1-A
Matrix: Water
Analysis Batch: 369367

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/25/21 11:37	08/26/21 12:37	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/25/21 11:37	08/26/21 12:37	1
Barium	<0.0016		0.010	0.0016	mg/L		08/25/21 11:37	08/26/21 12:37	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/25/21 11:37	08/26/21 12:37	1
Boron	<0.039		0.080	0.039	mg/L		08/25/21 11:37	08/26/21 12:37	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/25/21 11:37	08/26/21 12:37	1
Calcium	<0.13		0.50	0.13	mg/L		08/25/21 11:37	08/26/21 12:37	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/25/21 11:37	08/26/21 12:37	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/25/21 11:37	08/26/21 12:37	1
Copper	0.000652	J	0.0020	0.00063	mg/L		08/25/21 11:37	08/26/21 12:37	1
Lead	0.000253	J	0.0010	0.00013	mg/L		08/25/21 11:37	08/26/21 12:37	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/25/21 11:37	08/26/21 12:37	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/25/21 11:37	08/26/21 12:37	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/25/21 11:37	08/26/21 12:37	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/25/21 11:37	08/26/21 12:37	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/25/21 11:37	08/26/21 12:37	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/25/21 11:37	08/26/21 12:37	1

Lab Sample ID: LCS 180-369166/2-A
Matrix: Water
Analysis Batch: 369367

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.247		mg/L		99	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Beryllium	0.500	0.516		mg/L		103	80 - 120
Boron	1.25	1.19		mg/L		95	80 - 120
Cadmium	0.500	0.520		mg/L		104	80 - 120
Calcium	25.0	28.6		mg/L		114	80 - 120
Chromium	0.500	0.516		mg/L		103	80 - 120
Cobalt	0.500	0.502		mg/L		100	80 - 120
Copper	0.500	0.499		mg/L		100	80 - 120
Lead	0.500	0.508		mg/L		102	80 - 120
Nickel	0.500	0.502		mg/L		100	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.250	0.259		mg/L		103	80 - 120
Thallium	1.00	1.05		mg/L		105	80 - 120
Vanadium	0.500	0.514		mg/L		103	80 - 120
Zinc	0.250	0.252		mg/L		101	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369320/1-A
Matrix: Water
Analysis Batch: 369512

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:26	08/27/21 09:21	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:26	08/27/21 09:21	1
Barium	<0.0016		0.010	0.0016	mg/L		08/26/21 12:26	08/27/21 09:21	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:26	08/27/21 09:21	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:26	08/27/21 09:21	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:26	08/27/21 09:21	1
Calcium	<0.13		0.50	0.13	mg/L		08/26/21 12:26	08/27/21 09:21	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:26	08/27/21 09:21	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:26	08/27/21 09:21	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:26	08/27/21 09:21	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:26	08/27/21 09:21	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:26	08/27/21 09:21	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:26	08/27/21 09:21	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:26	08/27/21 09:21	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:26	08/27/21 09:21	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:26	08/27/21 09:21	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:26	08/27/21 09:21	1

Lab Sample ID: LCS 180-369320/2-A
Matrix: Water
Analysis Batch: 369512

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	1.02		mg/L		102	80 - 120
Beryllium	0.500	0.511		mg/L		102	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.512		mg/L		102	80 - 120
Calcium	25.0	28.6		mg/L		114	80 - 120
Chromium	0.500	0.508		mg/L		102	80 - 120
Cobalt	0.500	0.508		mg/L		102	80 - 120
Copper	0.500	0.506		mg/L		101	80 - 120
Lead	0.500	0.505		mg/L		101	80 - 120
Nickel	0.500	0.511		mg/L		102	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.250	0.261		mg/L		104	80 - 120
Thallium	1.00	1.09		mg/L		109	80 - 120
Vanadium	0.500	0.507		mg/L		101	80 - 120
Zinc	0.250	0.256		mg/L		102	80 - 120

Lab Sample ID: MB 180-369323/1-A
Matrix: Water
Analysis Batch: 369490

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/26/21 12:35	08/27/21 12:00	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/26/21 12:35	08/27/21 12:00	1
Barium	<0.0016		0.010	0.0016	mg/L		08/26/21 12:35	08/27/21 12:00	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369323/1-A
Matrix: Water
Analysis Batch: 369490

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/26/21 12:35	08/27/21 12:00	1
Boron	<0.039		0.080	0.039	mg/L		08/26/21 12:35	08/27/21 12:00	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/26/21 12:35	08/27/21 12:00	1
Calcium	<0.13		0.50	0.13	mg/L		08/26/21 12:35	08/27/21 12:00	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/26/21 12:35	08/27/21 12:00	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/26/21 12:35	08/27/21 12:00	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/26/21 12:35	08/27/21 12:00	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/26/21 12:35	08/27/21 12:00	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/26/21 12:35	08/27/21 12:00	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/26/21 12:35	08/27/21 12:00	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/26/21 12:35	08/27/21 12:00	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/26/21 12:35	08/27/21 12:00	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/26/21 12:35	08/27/21 12:00	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/26/21 12:35	08/27/21 12:00	1

Lab Sample ID: LCS 180-369323/2-A
Matrix: Water
Analysis Batch: 369490

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	0.985		mg/L		98	80 - 120
Beryllium	0.500	0.509		mg/L		102	80 - 120
Boron	1.25	1.34		mg/L		107	80 - 120
Cadmium	0.500	0.512		mg/L		102	80 - 120
Calcium	25.0	26.6		mg/L		106	80 - 120
Chromium	0.500	0.493		mg/L		99	80 - 120
Cobalt	0.500	0.518		mg/L		104	80 - 120
Copper	0.500	0.494		mg/L		99	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Nickel	0.500	0.513		mg/L		103	80 - 120
Selenium	1.00	1.00		mg/L		100	80 - 120
Silver	0.250	0.258		mg/L		103	80 - 120
Thallium	1.00	1.04		mg/L		104	80 - 120
Vanadium	0.500	0.504		mg/L		101	80 - 120
Zinc	0.250	0.250		mg/L		100	80 - 120

Lab Sample ID: 180-126092-11 MS
Matrix: Ground Water
Analysis Batch: 369490

Client Sample ID: GWC-12
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier							
Antimony	<0.00038		0.250	0.238		mg/L		95	75 - 125
Arsenic	<0.00031		1.00	1.04		mg/L		104	75 - 125
Barium	0.023		1.00	1.02		mg/L		99	75 - 125
Beryllium	<0.00018		0.500	0.508		mg/L		102	75 - 125
Boron	0.077	J	1.25	1.40		mg/L		106	75 - 125
Cadmium	<0.00022		0.500	0.507		mg/L		101	75 - 125

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: 180-126092-11 MS
Matrix: Ground Water
Analysis Batch: 369490

Client Sample ID: GWC-12
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	51		25.0	77.0		mg/L		102	75 - 125
Chromium	<0.0015		0.500	0.488		mg/L		98	75 - 125
Cobalt	0.00044	J	0.500	0.496		mg/L		99	75 - 125
Copper	<0.00063		0.500	0.475		mg/L		95	75 - 125
Lead	<0.00013		0.500	0.511		mg/L		102	75 - 125
Nickel	<0.00034		0.500	0.487		mg/L		97	75 - 125
Selenium	<0.0015		1.00	0.991		mg/L		99	75 - 125
Silver	<0.00018		0.250	0.249		mg/L		100	75 - 125
Thallium	0.00032	J	1.00	1.04		mg/L		103	75 - 125
Vanadium	<0.00099		0.500	0.492		mg/L		98	75 - 125
Zinc	<0.0032		0.250	0.240		mg/L		96	75 - 125

Lab Sample ID: 180-126092-11 MSD
Matrix: Ground Water
Analysis Batch: 369490

Client Sample ID: GWC-12
Prep Type: Total Recoverable
Prep Batch: 369323

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00038		0.250	0.240		mg/L		96	75 - 125	1	20
Arsenic	<0.00031		1.00	1.01		mg/L		101	75 - 125	2	20
Barium	0.023		1.00	1.01		mg/L		99	75 - 125	0	20
Beryllium	<0.00018		0.500	0.507		mg/L		101	75 - 125	0	20
Boron	0.077	J	1.25	1.40		mg/L		106	75 - 125	0	20
Cadmium	<0.00022		0.500	0.504		mg/L		101	75 - 125	1	20
Calcium	51		25.0	76.2		mg/L		99	75 - 125	1	20
Chromium	<0.0015		0.500	0.489		mg/L		98	75 - 125	0	20
Cobalt	0.00044	J	0.500	0.499		mg/L		100	75 - 125	1	20
Copper	<0.00063		0.500	0.477		mg/L		95	75 - 125	0	20
Lead	<0.00013		0.500	0.505		mg/L		101	75 - 125	1	20
Nickel	<0.00034		0.500	0.489		mg/L		98	75 - 125	0	20
Selenium	<0.0015		1.00	1.01		mg/L		101	75 - 125	1	20
Silver	<0.00018		0.250	0.248		mg/L		99	75 - 125	0	20
Thallium	0.00032	J	1.00	1.02		mg/L		102	75 - 125	2	20
Vanadium	<0.00099		0.500	0.495		mg/L		99	75 - 125	1	20
Zinc	<0.0032		0.250	0.235		mg/L		94	75 - 125	2	20

Lab Sample ID: MB 180-369722/1-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:56	09/01/21 08:08	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:56	09/01/21 08:08	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:56	09/01/21 08:08	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:56	09/01/21 08:08	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:56	09/01/21 08:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:56	09/01/21 08:08	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:56	09/01/21 08:08	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:56	09/01/21 08:08	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:56	09/01/21 08:08	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369722/1-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:56	09/01/21 08:08	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:56	09/01/21 08:08	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:56	09/01/21 08:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:56	09/01/21 08:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:56	09/01/21 08:08	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:56	09/01/21 08:08	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:56	09/01/21 08:08	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:56	09/01/21 08:08	1

Lab Sample ID: LCS 180-369722/2-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.246		mg/L		98	80 - 120
Arsenic	1.00	1.03		mg/L		103	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Beryllium	0.500	0.479		mg/L		96	80 - 120
Boron	1.25	1.28		mg/L		102	80 - 120
Cadmium	0.500	0.523		mg/L		105	80 - 120
Calcium	25.0	26.6		mg/L		106	80 - 120
Chromium	0.500	0.502		mg/L		100	80 - 120
Cobalt	0.500	0.503		mg/L		101	80 - 120
Copper	0.500	0.487		mg/L		97	80 - 120
Lead	0.500	0.502		mg/L		100	80 - 120
Nickel	0.500	0.500		mg/L		100	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.250	0.259		mg/L		104	80 - 120
Thallium	1.00	1.07		mg/L		107	80 - 120
Vanadium	0.500	0.508		mg/L		102	80 - 120
Zinc	0.250	0.248		mg/L		99	80 - 120

Lab Sample ID: 180-126274-11 MS
Matrix: Ground Water
Analysis Batch: 369936

Client Sample ID: GWC-33
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00038		0.250	0.249		mg/L		100	75 - 125
Arsenic	<0.00031		1.00	1.05		mg/L		105	75 - 125
Barium	0.010		1.00	1.04		mg/L		103	75 - 125
Beryllium	<0.00018		0.500	0.477		mg/L		95	75 - 125
Boron	<0.039		1.25	1.31		mg/L		105	75 - 125
Cadmium	<0.00022		0.500	0.528		mg/L		106	75 - 125
Calcium	17		25.0	43.3		mg/L		106	75 - 125
Chromium	<0.0015		0.500	0.500		mg/L		100	75 - 125
Cobalt	<0.00013		0.500	0.509		mg/L		102	75 - 125
Copper	<0.00063		0.500	0.494		mg/L		99	75 - 125
Lead	0.00027	J	0.500	0.508		mg/L		102	75 - 125
Nickel	<0.00034		0.500	0.503		mg/L		101	75 - 125

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: 180-126274-11 MS
Matrix: Ground Water
Analysis Batch: 369936

Client Sample ID: GWC-33
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	<0.0015		1.00	1.04		mg/L		104	75 - 125
Silver	<0.00018		0.250	0.261		mg/L		104	75 - 125
Thallium	0.00032	J	1.00	1.06		mg/L		106	75 - 125
Vanadium	<0.00099		0.500	0.506		mg/L		101	75 - 125
Zinc	<0.0032		0.250	0.253		mg/L		101	75 - 125

Lab Sample ID: 180-126274-11 MSD
Matrix: Ground Water
Analysis Batch: 369936

Client Sample ID: GWC-33
Prep Type: Total Recoverable
Prep Batch: 369722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	<0.00038		0.250	0.241		mg/L		97	75 - 125	3	20
Arsenic	<0.00031		1.00	1.00		mg/L		100	75 - 125	4	20
Barium	0.010		1.00	1.02		mg/L		101	75 - 125	2	20
Beryllium	<0.00018		0.500	0.461		mg/L		92	75 - 125	3	20
Boron	<0.039		1.25	1.29		mg/L		103	75 - 125	2	20
Cadmium	<0.00022		0.500	0.512		mg/L		102	75 - 125	3	20
Calcium	17		25.0	42.7		mg/L		104	75 - 125	1	20
Chromium	<0.0015		0.500	0.494		mg/L		99	75 - 125	1	20
Cobalt	<0.00013		0.500	0.490		mg/L		98	75 - 125	4	20
Copper	<0.00063		0.500	0.475		mg/L		95	75 - 125	4	20
Lead	0.00027	J	0.500	0.499		mg/L		100	75 - 125	2	20
Nickel	<0.00034		0.500	0.485		mg/L		97	75 - 125	4	20
Selenium	<0.0015		1.00	1.01		mg/L		101	75 - 125	2	20
Silver	<0.00018		0.250	0.252		mg/L		101	75 - 125	4	20
Thallium	0.00032	J	1.00	1.04		mg/L		104	75 - 125	2	20
Vanadium	<0.00099		0.500	0.500		mg/L		100	75 - 125	1	20
Zinc	<0.0032		0.250	0.256		mg/L		102	75 - 125	1	20

Lab Sample ID: MB 180-369726/1-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369726

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		08/31/21 08:59	09/01/21 09:34	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		08/31/21 08:59	09/01/21 09:34	1
Barium	<0.0016		0.010	0.0016	mg/L		08/31/21 08:59	09/01/21 09:34	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		08/31/21 08:59	09/01/21 09:34	1
Boron	<0.039		0.080	0.039	mg/L		08/31/21 08:59	09/01/21 09:34	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		08/31/21 08:59	09/01/21 09:34	1
Calcium	<0.13		0.50	0.13	mg/L		08/31/21 08:59	09/01/21 09:34	1
Chromium	<0.0015		0.0020	0.0015	mg/L		08/31/21 08:59	09/01/21 09:34	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		08/31/21 08:59	09/01/21 09:34	1
Copper	<0.00063		0.0020	0.00063	mg/L		08/31/21 08:59	09/01/21 09:34	1
Lead	<0.00013		0.0010	0.00013	mg/L		08/31/21 08:59	09/01/21 09:34	1
Nickel	<0.00034		0.0010	0.00034	mg/L		08/31/21 08:59	09/01/21 09:34	1
Selenium	<0.0015		0.0050	0.0015	mg/L		08/31/21 08:59	09/01/21 09:34	1
Silver	<0.00018		0.0010	0.00018	mg/L		08/31/21 08:59	09/01/21 09:34	1
Thallium	<0.00015		0.0010	0.00015	mg/L		08/31/21 08:59	09/01/21 09:34	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369726/1-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369726

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.00099		0.0010	0.00099	mg/L		08/31/21 08:59	09/01/21 09:34	1
Zinc	<0.0032		0.0050	0.0032	mg/L		08/31/21 08:59	09/01/21 09:34	1

Lab Sample ID: LCS 180-369726/2-A
Matrix: Water
Analysis Batch: 369936

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.246		mg/L		98	80 - 120
Arsenic	1.00	0.990		mg/L		99	80 - 120
Barium	1.00	1.03		mg/L		103	80 - 120
Beryllium	0.500	0.503		mg/L		101	80 - 120
Boron	1.25	1.31		mg/L		104	80 - 120
Cadmium	0.500	0.519		mg/L		104	80 - 120
Calcium	25.0	26.9		mg/L		108	80 - 120
Chromium	0.500	0.496		mg/L		99	80 - 120
Cobalt	0.500	0.491		mg/L		98	80 - 120
Copper	0.500	0.472		mg/L		94	80 - 120
Lead	0.500	0.510		mg/L		102	80 - 120
Nickel	0.500	0.478		mg/L		96	80 - 120
Selenium	1.00	1.04		mg/L		104	80 - 120
Silver	0.250	0.259		mg/L		103	80 - 120
Thallium	1.00	1.10		mg/L		110	80 - 120
Vanadium	0.500	0.505		mg/L		101	80 - 120
Zinc	0.250	0.246		mg/L		99	80 - 120

Lab Sample ID: MB 180-369963/1-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 13:05	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 13:05	1
Barium	<0.0016		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 13:05	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Boron	<0.039		0.080	0.039	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 13:05	1
Calcium	<0.13		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 13:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 13:05	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Nickel	<0.00034		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 13:05	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 13:05	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 13:05	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-369963/2-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	0.999		mg/L		100	80 - 120
Beryllium	0.500	0.475		mg/L		95	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.503		mg/L		101	80 - 120
Calcium	25.0	26.7		mg/L		107	80 - 120
Chromium	0.500	0.488		mg/L		98	80 - 120
Cobalt	0.500	0.494		mg/L		99	80 - 120
Copper	0.500	0.487		mg/L		97	80 - 120
Lead	0.500	0.497		mg/L		99	80 - 120
Nickel	0.500	0.487		mg/L		97	80 - 120
Selenium	1.00	0.989		mg/L		99	80 - 120
Silver	0.250	0.255		mg/L		102	80 - 120
Thallium	1.00	0.999		mg/L		100	80 - 120
Vanadium	0.500	0.498		mg/L		100	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-368875/1-A
Matrix: Water
Analysis Batch: 369203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 368875

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 12:47	08/25/21 14:44	1

Lab Sample ID: LCS 180-368875/2-A
Matrix: Water
Analysis Batch: 369203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 368875

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00268		mg/L		107	80 - 120

Lab Sample ID: MB 180-368881/1-A
Matrix: Water
Analysis Batch: 369203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 368881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		08/23/21 13:05	08/25/21 15:09	1

Lab Sample ID: LCS 180-368881/2-A
Matrix: Water
Analysis Batch: 369203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 368881

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00265		mg/L		106	80 - 120

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 180-125924-9 MS
Matrix: Ground Water
Analysis Batch: 369203

Client Sample ID: GWA-4
Prep Type: Total/NA
Prep Batch: 368881
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	<0.00013		0.00100	0.00107		mg/L		107	75 - 125

Lab Sample ID: 180-125924-9 MSD
Matrix: Ground Water
Analysis Batch: 369203

Client Sample ID: GWA-4
Prep Type: Total/NA
Prep Batch: 368881
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	<0.00013		0.00100	0.00109		mg/L		109	75 - 125	2	20

Lab Sample ID: MB 180-369880/1-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:36	09/03/21 13:30	1

Lab Sample ID: LCS 180-369880/2-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369880
%Rec.

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

Lab Sample ID: MB 180-369881/1-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369881

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 09:39	09/03/21 13:59	1

Lab Sample ID: LCS 180-369881/2-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369881
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00244		mg/L		98	80 - 120

Lab Sample ID: MB 180-369922/1-A
Matrix: Water
Analysis Batch: 370104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 369922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/01/21 12:39	09/02/21 12:58	1

Lab Sample ID: LCS 180-369922/2-A
Matrix: Water
Analysis Batch: 370104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 369922
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00266		mg/L		106	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-370041/1-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000214		0.00020	0.00013	mg/L		09/02/21 08:39	09/03/21 14:29	1

Lab Sample ID: LCS 180-370041/2-A
Matrix: Water
Analysis Batch: 370276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00300		mg/L		120	80 - 120

Lab Sample ID: MB 180-370045/1-A
Matrix: Water
Analysis Batch: 370682

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/02/21 08:58	09/08/21 15:41	1

Lab Sample ID: LCS 180-370045/2-A
Matrix: Water
Analysis Batch: 370682

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00277		mg/L		111	80 - 120

Lab Sample ID: MB 180-370941/1-A
Matrix: Water
Analysis Batch: 371007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 16:48	1

Lab Sample ID: LCS 180-370941/2-A
Matrix: Water
Analysis Batch: 371007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

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

Lab Sample ID: MB 180-368748/2
Matrix: Water
Analysis Batch: 368748

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/20/21 15:43	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-368748/1
Matrix: Water
Analysis Batch: 368748

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	685	606		mg/L		88	80 - 120

Lab Sample ID: MB 180-369008/2
Matrix: Water
Analysis Batch: 369008

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/24/21 11:27	1

Lab Sample ID: LCS 180-369008/1
Matrix: Water
Analysis Batch: 369008

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	685	694		mg/L		101	80 - 120

Lab Sample ID: MB 180-369142/2
Matrix: Water
Analysis Batch: 369142

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/25/21 10:30	1

Lab Sample ID: LCS 180-369142/1
Matrix: Water
Analysis Batch: 369142

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	685	708		mg/L		103	80 - 120

Lab Sample ID: 180-126092-7 DU
Matrix: Ground Water
Analysis Batch: 369142

Client Sample ID: GWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	140		139		mg/L		0.7	10

Lab Sample ID: MB 180-369205/2
Matrix: Water
Analysis Batch: 369205

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/25/21 16:50	1

Lab Sample ID: LCS 180-369205/1
Matrix: Water
Analysis Batch: 369205

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	685	694		mg/L		101	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: MB 180-369319/2
Matrix: Water
Analysis Batch: 369319

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/26/21 12:26	1

Lab Sample ID: LCS 180-369319/1
Matrix: Water
Analysis Batch: 369319

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	685	716		mg/L		105	80 - 120

Lab Sample ID: MB 180-369476/2
Matrix: Water
Analysis Batch: 369476

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/27/21 12:45	1

Lab Sample ID: LCS 180-369476/1
Matrix: Water
Analysis Batch: 369476

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	685	654		mg/L		95	80 - 120

Lab Sample ID: MB 180-369661/2
Matrix: Water
Analysis Batch: 369661

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/30/21 15:16	1

Lab Sample ID: LCS 180-369661/1
Matrix: Water
Analysis Batch: 369661

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	685	692		mg/L		101	80 - 120

Lab Sample ID: 180-126274-16 DU
Matrix: Ground Water
Analysis Batch: 369661

Client Sample ID: GWC-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	80		82.0		mg/L		2	10

Lab Sample ID: MB 180-369959/2
Matrix: Water
Analysis Batch: 369959

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			09/01/21 16:21	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

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

Lab Sample ID: LCS 180-369959/1
Matrix: Water
Analysis Batch: 369959

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	685	676		mg/L		99	80 - 120

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

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

HPLC/IC

Analysis Batch: 369773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total/NA	Water	EPA 300.0 R2.1	
180-125924-2	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-125924-3	Dup-1	Total/NA	Water	EPA 300.0 R2.1	
180-125924-4	GWA-1	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-5	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-6	GWA-2	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-7	GWA-29	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-8	GWA-3	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-9	GWA-4	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-369773/45	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-369773/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-369773/43	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-125924-5 MS	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	
180-125924-5 MSD	GWA-28	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 370035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-15	GWC-10	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-16	GWC-16	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-17	GWC-17	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370035/44	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370035/43	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-13	GWC-22	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-14	GWC-8	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370036/64	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370036/63	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-2	FB-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-3	Dup-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-4	GWC-35	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-5	GWC-24	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-6	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-7	GWC-6	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-8	GWC-25	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-9	GWC-26	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-10	GWC-7	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-11	GWC-12	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-12	GWC-21	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370054/50	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370054/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370054/49	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370054/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126092-6 MS	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-6 MSD	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

HPLC/IC

Analysis Batch: 370187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-2	FB-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-3	Dup-2	Total/NA	Water	EPA 300.0 R2.1	
180-126092-4	GWC-35	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-5	GWC-24	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-6	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-7	GWC-6	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-8	GWC-25	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-9	GWC-26	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-10	GWC-7	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-11	GWC-12	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-12	GWC-21	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370187/50	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370187/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370187/49	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370187/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126092-6 MS	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126092-6 MSD	GWC-5	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 370303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-1	EB-3	Total/NA	Water	EPA 300.0 R2.1	
180-126274-2	FB-3	Total/NA	Water	EPA 300.0 R2.1	
180-126274-3	Dup-3	Total/NA	Water	EPA 300.0 R2.1	
180-126274-4	GWC-23	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-5	GWC-27	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-6	GWC-11	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-7	GWC-13	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-8	GWC-14	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-9	GWC-30	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-10	GWC-34	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370303/7	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370303/6	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126274-3 MS	Dup-3	Total/NA	Water	EPA 300.0 R2.1	
180-126274-3 MSD	Dup-3	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 370304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-11	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-12	EB-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-13	FB-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-14	Dup-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-15	GWC-32	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-16	GWC-15	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-17	GWC-18	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-18	GWC-19	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-19	GWC-20	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370304/31	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370304/30	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126274-11 MS	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-11 MSD	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

HPLC/IC

Analysis Batch: 370761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-11	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-12	EB-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-13	FB-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-14	Dup-4	Total/NA	Water	EPA 300.0 R2.1	
180-126274-15	GWC-32	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-16	GWC-15	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-17	GWC-18	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-18	GWC-19	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-19	GWC-20	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370761/19	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
MB 180-370761/55	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370761/18	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370761/54	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	
180-126274-11 MS	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126274-11 MSD	GWC-33	Total/NA	Ground Water	EPA 300.0 R2.1	

Analysis Batch: 370919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total/NA	Ground Water	EPA 300.0 R2.1	
180-126369-2	GWC-31	Total/NA	Ground Water	EPA 300.0 R2.1	
MB 180-370919/63	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-370919/62	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 368729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total Recoverable	Water	3005A	
180-125924-2	FB-1	Total Recoverable	Water	3005A	
180-125924-3	Dup-1	Total Recoverable	Water	3005A	
180-125924-4	GWA-1	Total Recoverable	Ground Water	3005A	
180-125924-5	GWA-28	Total Recoverable	Ground Water	3005A	
180-125924-6	GWA-2	Total Recoverable	Ground Water	3005A	
180-125924-7	GWA-29	Total Recoverable	Ground Water	3005A	
180-125924-8	GWA-3	Total Recoverable	Ground Water	3005A	
180-125924-9	GWA-4	Total Recoverable	Ground Water	3005A	
MB 180-368729/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-368729/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 368875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-4	GWA-1	Total/NA	Ground Water	7470A	
180-125924-5	GWA-28	Total/NA	Ground Water	7470A	
MB 180-368875/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-368875/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 368881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total/NA	Water	7470A	
180-125924-2	FB-1	Total/NA	Water	7470A	
180-125924-3	Dup-1	Total/NA	Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals (Continued)

Prep Batch: 368881 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-6	GWA-2	Total/NA	Ground Water	7470A	
180-125924-7	GWA-29	Total/NA	Ground Water	7470A	
180-125924-8	GWA-3	Total/NA	Ground Water	7470A	
180-125924-9	GWA-4	Total/NA	Ground Water	7470A	
MB 180-368881/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-368881/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-125924-9 MS	GWA-4	Total/NA	Ground Water	7470A	
180-125924-9 MSD	GWA-4	Total/NA	Ground Water	7470A	

Analysis Batch: 369085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total Recoverable	Water	EPA 6020B	368729
180-125924-2	FB-1	Total Recoverable	Water	EPA 6020B	368729
180-125924-3	Dup-1	Total Recoverable	Water	EPA 6020B	368729
180-125924-4	GWA-1	Total Recoverable	Ground Water	EPA 6020B	368729
180-125924-5	GWA-28	Total Recoverable	Ground Water	EPA 6020B	368729
180-125924-6	GWA-2	Total Recoverable	Ground Water	EPA 6020B	368729
180-125924-7	GWA-29	Total Recoverable	Ground Water	EPA 6020B	368729
180-125924-8	GWA-3	Total Recoverable	Ground Water	EPA 6020B	368729
180-125924-9	GWA-4	Total Recoverable	Ground Water	EPA 6020B	368729
MB 180-368729/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	368729
LCS 180-368729/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	368729

Prep Batch: 369166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total Recoverable	Water	3005A	
180-126092-2	FB-2	Total Recoverable	Water	3005A	
180-126092-3	Dup-2	Total Recoverable	Water	3005A	
180-126092-4	GWC-35	Total Recoverable	Ground Water	3005A	
180-126092-5	GWC-24	Total Recoverable	Ground Water	3005A	
180-126092-6	GWC-5	Total Recoverable	Ground Water	3005A	
180-126092-7	GWC-6	Total Recoverable	Ground Water	3005A	
MB 180-369166/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369166/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 369203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total/NA	Water	EPA 7470A	368881
180-125924-2	FB-1	Total/NA	Water	EPA 7470A	368881
180-125924-3	Dup-1	Total/NA	Water	EPA 7470A	368881
180-125924-4	GWA-1	Total/NA	Ground Water	EPA 7470A	368875
180-125924-5	GWA-28	Total/NA	Ground Water	EPA 7470A	368875
180-125924-6	GWA-2	Total/NA	Ground Water	EPA 7470A	368881
180-125924-7	GWA-29	Total/NA	Ground Water	EPA 7470A	368881
180-125924-8	GWA-3	Total/NA	Ground Water	EPA 7470A	368881
180-125924-9	GWA-4	Total/NA	Ground Water	EPA 7470A	368881
MB 180-368875/1-A	Method Blank	Total/NA	Water	EPA 7470A	368875
MB 180-368881/1-A	Method Blank	Total/NA	Water	EPA 7470A	368881
LCS 180-368875/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	368875
LCS 180-368881/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	368881
180-125924-9 MS	GWA-4	Total/NA	Ground Water	EPA 7470A	368881

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals (Continued)

Analysis Batch: 369203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-9 MSD	GWA-4	Total/NA	Ground Water	EPA 7470A	368881

Prep Batch: 369320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-8	GWC-25	Total Recoverable	Ground Water	3005A	
180-126092-9	GWC-26	Total Recoverable	Ground Water	3005A	
180-126092-10	GWC-7	Total Recoverable	Ground Water	3005A	
MB 180-369320/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369320/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 369323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-11	GWC-12	Total Recoverable	Ground Water	3005A	
180-126092-12	GWC-21	Total Recoverable	Ground Water	3005A	
180-126092-13	GWC-22	Total Recoverable	Ground Water	3005A	
180-126092-14	GWC-8	Total Recoverable	Ground Water	3005A	
180-126092-15	GWC-10	Total Recoverable	Ground Water	3005A	
180-126092-16	GWC-16	Total Recoverable	Ground Water	3005A	
180-126092-17	GWC-17	Total Recoverable	Ground Water	3005A	
MB 180-369323/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369323/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-126092-11 MS	GWC-12	Total Recoverable	Ground Water	3005A	
180-126092-11 MSD	GWC-12	Total Recoverable	Ground Water	3005A	

Analysis Batch: 369367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total Recoverable	Water	EPA 6020B	369166
180-126092-2	FB-2	Total Recoverable	Water	EPA 6020B	369166
180-126092-3	Dup-2	Total Recoverable	Water	EPA 6020B	369166
180-126092-4	GWC-35	Total Recoverable	Ground Water	EPA 6020B	369166
180-126092-5	GWC-24	Total Recoverable	Ground Water	EPA 6020B	369166
180-126092-6	GWC-5	Total Recoverable	Ground Water	EPA 6020B	369166
180-126092-7	GWC-6	Total Recoverable	Ground Water	EPA 6020B	369166
MB 180-369166/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369166
LCS 180-369166/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369166

Analysis Batch: 369490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-11	GWC-12	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-12	GWC-21	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-13	GWC-22	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-14	GWC-8	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-15	GWC-10	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-16	GWC-16	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-17	GWC-17	Total Recoverable	Ground Water	EPA 6020B	369323
MB 180-369323/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369323
LCS 180-369323/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369323
180-126092-11 MS	GWC-12	Total Recoverable	Ground Water	EPA 6020B	369323
180-126092-11 MSD	GWC-12	Total Recoverable	Ground Water	EPA 6020B	369323

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals

Analysis Batch: 369512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-8	GWC-25	Total Recoverable	Ground Water	EPA 6020B	369320
180-126092-9	GWC-26	Total Recoverable	Ground Water	EPA 6020B	369320
180-126092-10	GWC-7	Total Recoverable	Ground Water	EPA 6020B	369320
MB 180-369320/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369320
LCS 180-369320/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369320

Analysis Batch: 369565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-8	GWC-25	Total Recoverable	Ground Water	EPA 6020B	369320
180-126092-9	GWC-26	Total Recoverable	Ground Water	EPA 6020B	369320
180-126092-10	GWC-7	Total Recoverable	Ground Water	EPA 6020B	369320

Prep Batch: 369722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-11	GWC-33	Total Recoverable	Ground Water	3005A	
180-126274-12	EB-4	Total Recoverable	Water	3005A	
180-126274-13	FB-4	Total Recoverable	Water	3005A	
180-126274-14	Dup-4	Total Recoverable	Water	3005A	
180-126274-15	GWC-32	Total Recoverable	Ground Water	3005A	
180-126274-16	GWC-15	Total Recoverable	Ground Water	3005A	
180-126274-17	GWC-18	Total Recoverable	Ground Water	3005A	
180-126274-18	GWC-19	Total Recoverable	Ground Water	3005A	
180-126274-19	GWC-20	Total Recoverable	Ground Water	3005A	
MB 180-369722/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369722/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-126274-11 MS	GWC-33	Total Recoverable	Ground Water	3005A	
180-126274-11 MSD	GWC-33	Total Recoverable	Ground Water	3005A	

Prep Batch: 369726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-1	EB-3	Total Recoverable	Water	3005A	
180-126274-2	FB-3	Total Recoverable	Water	3005A	
180-126274-3	Dup-3	Total Recoverable	Water	3005A	
180-126274-4	GWC-23	Total Recoverable	Ground Water	3005A	
180-126274-5	GWC-27	Total Recoverable	Ground Water	3005A	
180-126274-6	GWC-11	Total Recoverable	Ground Water	3005A	
180-126274-7	GWC-13	Total Recoverable	Ground Water	3005A	
180-126274-8	GWC-14	Total Recoverable	Ground Water	3005A	
180-126274-9	GWC-30	Total Recoverable	Ground Water	3005A	
180-126274-10	GWC-34	Total Recoverable	Ground Water	3005A	
MB 180-369726/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369726/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 369880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-4	GWC-35	Total/NA	Ground Water	7470A	
180-126092-7	GWC-6	Total/NA	Ground Water	7470A	
MB 180-369880/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-369880/2-A	Lab Control Sample	Total/NA	Water	7470A	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals

Prep Batch: 369881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total/NA	Water	7470A	
180-126092-2	FB-2	Total/NA	Water	7470A	
180-126092-3	Dup-2	Total/NA	Water	7470A	
180-126092-5	GWC-24	Total/NA	Ground Water	7470A	
180-126092-6	GWC-5	Total/NA	Ground Water	7470A	
180-126092-8	GWC-25	Total/NA	Ground Water	7470A	
180-126092-9	GWC-26	Total/NA	Ground Water	7470A	
180-126092-10	GWC-7	Total/NA	Ground Water	7470A	
180-126092-11	GWC-12	Total/NA	Ground Water	7470A	
180-126092-12	GWC-21	Total/NA	Ground Water	7470A	
180-126092-13	GWC-22	Total/NA	Ground Water	7470A	
MB 180-369881/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-369881/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 369922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-14	GWC-8	Total/NA	Ground Water	7470A	
180-126092-15	GWC-10	Total/NA	Ground Water	7470A	
180-126092-16	GWC-16	Total/NA	Ground Water	7470A	
180-126092-17	GWC-17	Total/NA	Ground Water	7470A	
MB 180-369922/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-369922/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 369936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-1	EB-3	Total Recoverable	Water	EPA 6020B	369726
180-126274-2	FB-3	Total Recoverable	Water	EPA 6020B	369726
180-126274-3	Dup-3	Total Recoverable	Water	EPA 6020B	369726
180-126274-4	GWC-23	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-5	GWC-27	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-6	GWC-11	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-7	GWC-13	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-8	GWC-14	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-9	GWC-30	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-10	GWC-34	Total Recoverable	Ground Water	EPA 6020B	369726
180-126274-11	GWC-33	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-12	EB-4	Total Recoverable	Water	EPA 6020B	369722
180-126274-13	FB-4	Total Recoverable	Water	EPA 6020B	369722
180-126274-14	Dup-4	Total Recoverable	Water	EPA 6020B	369722
180-126274-15	GWC-32	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-16	GWC-15	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-17	GWC-18	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-18	GWC-19	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-19	GWC-20	Total Recoverable	Ground Water	EPA 6020B	369722
MB 180-369722/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369722
MB 180-369726/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369726
LCS 180-369722/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369722
LCS 180-369726/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369726
180-126274-11 MS	GWC-33	Total Recoverable	Ground Water	EPA 6020B	369722
180-126274-11 MSD	GWC-33	Total Recoverable	Ground Water	EPA 6020B	369722

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals

Prep Batch: 369963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total Recoverable	Ground Water	3005A	
180-126369-2	GWC-31	Total Recoverable	Ground Water	3005A	
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 370041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-1	EB-3	Total/NA	Water	7470A	
180-126274-3	Dup-3	Total/NA	Water	7470A	
180-126274-4	GWC-23	Total/NA	Ground Water	7470A	
180-126274-5	GWC-27	Total/NA	Ground Water	7470A	
180-126274-6	GWC-11	Total/NA	Ground Water	7470A	
180-126274-7	GWC-13	Total/NA	Ground Water	7470A	
180-126274-8	GWC-14	Total/NA	Ground Water	7470A	
180-126274-9	GWC-30	Total/NA	Ground Water	7470A	
MB 180-370041/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-370041/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 370045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-2	FB-3	Total/NA	Water	7470A	
180-126274-10	GWC-34	Total/NA	Ground Water	7470A	
180-126274-11	GWC-33	Total/NA	Ground Water	7470A	
180-126274-12	EB-4	Total/NA	Water	7470A	
180-126274-13	FB-4	Total/NA	Water	7470A	
180-126274-14	Dup-4	Total/NA	Water	7470A	
180-126274-15	GWC-32	Total/NA	Ground Water	7470A	
180-126274-16	GWC-15	Total/NA	Ground Water	7470A	
180-126274-17	GWC-18	Total/NA	Ground Water	7470A	
180-126274-18	GWC-19	Total/NA	Ground Water	7470A	
180-126274-19	GWC-20	Total/NA	Ground Water	7470A	
MB 180-370045/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-370045/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 370104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-14	GWC-8	Total/NA	Ground Water	EPA 7470A	369922
180-126092-15	GWC-10	Total/NA	Ground Water	EPA 7470A	369922
180-126092-16	GWC-16	Total/NA	Ground Water	EPA 7470A	369922
180-126092-17	GWC-17	Total/NA	Ground Water	EPA 7470A	369922
MB 180-369922/1-A	Method Blank	Total/NA	Water	EPA 7470A	369922
LCS 180-369922/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	369922

Analysis Batch: 370276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total/NA	Water	EPA 7470A	369881
180-126092-2	FB-2	Total/NA	Water	EPA 7470A	369881
180-126092-3	Dup-2	Total/NA	Water	EPA 7470A	369881
180-126092-4	GWC-35	Total/NA	Ground Water	EPA 7470A	369880
180-126092-5	GWC-24	Total/NA	Ground Water	EPA 7470A	369881
180-126092-6	GWC-5	Total/NA	Ground Water	EPA 7470A	369881

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals (Continued)

Analysis Batch: 370276 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-7	GWC-6	Total/NA	Ground Water	EPA 7470A	369880
180-126092-8	GWC-25	Total/NA	Ground Water	EPA 7470A	369881
180-126092-9	GWC-26	Total/NA	Ground Water	EPA 7470A	369881
180-126092-10	GWC-7	Total/NA	Ground Water	EPA 7470A	369881
180-126092-11	GWC-12	Total/NA	Ground Water	EPA 7470A	369881
180-126092-12	GWC-21	Total/NA	Ground Water	EPA 7470A	369881
180-126092-13	GWC-22	Total/NA	Ground Water	EPA 7470A	369881
180-126274-1	EB-3	Total/NA	Water	EPA 7470A	370041
180-126274-3	Dup-3	Total/NA	Water	EPA 7470A	370041
180-126274-4	GWC-23	Total/NA	Ground Water	EPA 7470A	370041
180-126274-5	GWC-27	Total/NA	Ground Water	EPA 7470A	370041
180-126274-6	GWC-11	Total/NA	Ground Water	EPA 7470A	370041
180-126274-7	GWC-13	Total/NA	Ground Water	EPA 7470A	370041
180-126274-8	GWC-14	Total/NA	Ground Water	EPA 7470A	370041
180-126274-9	GWC-30	Total/NA	Ground Water	EPA 7470A	370041
MB 180-369880/1-A	Method Blank	Total/NA	Water	EPA 7470A	369880
MB 180-369881/1-A	Method Blank	Total/NA	Water	EPA 7470A	369881
MB 180-370041/1-A	Method Blank	Total/NA	Water	EPA 7470A	370041
LCS 180-369880/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	369880
LCS 180-369881/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	369881
LCS 180-370041/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	370041

Analysis Batch: 370294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total Recoverable	Ground Water	EPA 6020B	369963
180-126369-2	GWC-31	Total Recoverable	Ground Water	EPA 6020B	369963
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369963
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369963

Analysis Batch: 370307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total Recoverable	Ground Water	EPA 6020B	369963
180-126369-2	GWC-31	Total Recoverable	Ground Water	EPA 6020B	369963

Analysis Batch: 370682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-2	FB-3	Total/NA	Water	EPA 7470A	370045
180-126274-10	GWC-34	Total/NA	Ground Water	EPA 7470A	370045
180-126274-11	GWC-33	Total/NA	Ground Water	EPA 7470A	370045
180-126274-12	EB-4	Total/NA	Water	EPA 7470A	370045
180-126274-13	FB-4	Total/NA	Water	EPA 7470A	370045
180-126274-14	Dup-4	Total/NA	Water	EPA 7470A	370045
180-126274-15	GWC-32	Total/NA	Ground Water	EPA 7470A	370045
180-126274-16	GWC-15	Total/NA	Ground Water	EPA 7470A	370045
180-126274-17	GWC-18	Total/NA	Ground Water	EPA 7470A	370045
180-126274-18	GWC-19	Total/NA	Ground Water	EPA 7470A	370045
180-126274-19	GWC-20	Total/NA	Ground Water	EPA 7470A	370045
MB 180-370045/1-A	Method Blank	Total/NA	Water	EPA 7470A	370045
LCS 180-370045/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	370045

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Metals

Prep Batch: 370941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total/NA	Ground Water	7470A	
180-126369-2	GWC-31	Total/NA	Ground Water	7470A	
MB 180-370941/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-370941/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 371007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total/NA	Ground Water	EPA 7470A	370941
180-126369-2	GWC-31	Total/NA	Ground Water	EPA 7470A	370941
MB 180-370941/1-A	Method Blank	Total/NA	Water	EPA 7470A	370941
LCS 180-370941/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	370941

General Chemistry

Analysis Batch: 368748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-4	GWA-1	Total/NA	Ground Water	SM 2540C	
180-125924-5	GWA-28	Total/NA	Ground Water	SM 2540C	
MB 180-368748/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-368748/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 369008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-1	EB-1	Total/NA	Water	SM 2540C	
180-125924-2	FB-1	Total/NA	Water	SM 2540C	
180-125924-3	Dup-1	Total/NA	Water	SM 2540C	
180-125924-6	GWA-2	Total/NA	Ground Water	SM 2540C	
180-125924-7	GWA-29	Total/NA	Ground Water	SM 2540C	
180-125924-8	GWA-3	Total/NA	Ground Water	SM 2540C	
180-125924-9	GWA-4	Total/NA	Ground Water	SM 2540C	
MB 180-369008/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369008/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 369142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-4	GWC-35	Total/NA	Ground Water	SM 2540C	
180-126092-7	GWC-6	Total/NA	Ground Water	SM 2540C	
MB 180-369142/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369142/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-126092-7 DU	GWC-6	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 369205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-1	EB-2	Total/NA	Water	SM 2540C	
180-126092-2	FB-2	Total/NA	Water	SM 2540C	
MB 180-369205/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369205/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 369319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-3	Dup-2	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

General Chemistry (Continued)

Analysis Batch: 369319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-5	GWC-24	Total/NA	Ground Water	SM 2540C	
180-126092-6	GWC-5	Total/NA	Ground Water	SM 2540C	
180-126092-8	GWC-25	Total/NA	Ground Water	SM 2540C	
180-126092-9	GWC-26	Total/NA	Ground Water	SM 2540C	
180-126092-10	GWC-7	Total/NA	Ground Water	SM 2540C	
180-126092-11	GWC-12	Total/NA	Ground Water	SM 2540C	
180-126092-12	GWC-21	Total/NA	Ground Water	SM 2540C	
180-126092-13	GWC-22	Total/NA	Ground Water	SM 2540C	
MB 180-369319/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369319/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 369476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-14	GWC-8	Total/NA	Ground Water	SM 2540C	
180-126092-15	GWC-10	Total/NA	Ground Water	SM 2540C	
180-126092-16	GWC-16	Total/NA	Ground Water	SM 2540C	
180-126092-17	GWC-17	Total/NA	Ground Water	SM 2540C	
MB 180-369476/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369476/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 369553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-1	EB-3	Total/NA	Water	SM 2540C	
180-126274-3	Dup-3	Total/NA	Water	SM 2540C	
180-126274-4	GWC-23	Total/NA	Ground Water	SM 2540C	
180-126274-5	GWC-27	Total/NA	Ground Water	SM 2540C	
180-126274-6	GWC-11	Total/NA	Ground Water	SM 2540C	
180-126274-7	GWC-13	Total/NA	Ground Water	SM 2540C	
180-126274-8	GWC-14	Total/NA	Ground Water	SM 2540C	
180-126274-9	GWC-30	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 369661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-2	FB-3	Total/NA	Water	SM 2540C	
180-126274-10	GWC-34	Total/NA	Ground Water	SM 2540C	
180-126274-11	GWC-33	Total/NA	Ground Water	SM 2540C	
180-126274-12	EB-4	Total/NA	Water	SM 2540C	
180-126274-13	FB-4	Total/NA	Water	SM 2540C	
180-126274-14	Dup-4	Total/NA	Water	SM 2540C	
180-126274-15	GWC-32	Total/NA	Ground Water	SM 2540C	
180-126274-16	GWC-15	Total/NA	Ground Water	SM 2540C	
180-126274-17	GWC-18	Total/NA	Ground Water	SM 2540C	
180-126274-18	GWC-19	Total/NA	Ground Water	SM 2540C	
180-126274-19	GWC-20	Total/NA	Ground Water	SM 2540C	
MB 180-369661/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369661/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-126274-16 DU	GWC-15	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 369959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total/NA	Ground Water	SM 2540C	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

General Chemistry (Continued)

Analysis Batch: 369959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-2	GWC-31	Total/NA	Ground Water	SM 2540C	
MB 180-369959/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369959/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 369539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-125924-4	GWA-1	Total/NA	Ground Water	Field Sampling	
180-125924-5	GWA-28	Total/NA	Ground Water	Field Sampling	
180-125924-6	GWA-2	Total/NA	Ground Water	Field Sampling	
180-125924-7	GWA-29	Total/NA	Ground Water	Field Sampling	
180-125924-8	GWA-3	Total/NA	Ground Water	Field Sampling	
180-125924-9	GWA-4	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 369647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126092-4	GWC-35	Total/NA	Ground Water	Field Sampling	
180-126092-5	GWC-24	Total/NA	Ground Water	Field Sampling	
180-126092-6	GWC-5	Total/NA	Ground Water	Field Sampling	
180-126092-7	GWC-6	Total/NA	Ground Water	Field Sampling	
180-126092-8	GWC-25	Total/NA	Ground Water	Field Sampling	
180-126092-9	GWC-26	Total/NA	Ground Water	Field Sampling	
180-126092-10	GWC-7	Total/NA	Ground Water	Field Sampling	
180-126092-11	GWC-12	Total/NA	Ground Water	Field Sampling	
180-126092-12	GWC-21	Total/NA	Ground Water	Field Sampling	
180-126092-13	GWC-22	Total/NA	Ground Water	Field Sampling	
180-126092-14	GWC-8	Total/NA	Ground Water	Field Sampling	
180-126092-15	GWC-10	Total/NA	Ground Water	Field Sampling	
180-126092-16	GWC-16	Total/NA	Ground Water	Field Sampling	
180-126092-17	GWC-17	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 369649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126274-4	GWC-23	Total/NA	Ground Water	Field Sampling	
180-126274-5	GWC-27	Total/NA	Ground Water	Field Sampling	
180-126274-6	GWC-11	Total/NA	Ground Water	Field Sampling	
180-126274-7	GWC-13	Total/NA	Ground Water	Field Sampling	
180-126274-8	GWC-14	Total/NA	Ground Water	Field Sampling	
180-126274-9	GWC-30	Total/NA	Ground Water	Field Sampling	
180-126274-10	GWC-34	Total/NA	Ground Water	Field Sampling	
180-126274-11	GWC-33	Total/NA	Ground Water	Field Sampling	
180-126274-15	GWC-32	Total/NA	Ground Water	Field Sampling	
180-126274-16	GWC-15	Total/NA	Ground Water	Field Sampling	
180-126274-17	GWC-18	Total/NA	Ground Water	Field Sampling	
180-126274-18	GWC-19	Total/NA	Ground Water	Field Sampling	
180-126274-19	GWC-20	Total/NA	Ground Water	Field Sampling	

Analysis Batch: 370651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-1	GWC-9	Total/NA	Ground Water	Field Sampling	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill

Job ID: 180-125924-1

Field Service / Mobile Lab (Continued)

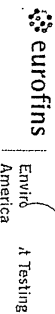
Analysis Batch: 370651 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126369-2	GWC-31	Total/NA	Ground Water	Field Sampling	

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

Eurofins Test America, Pittsburgh
 301 Alpha Drive Park
 Pittsburgh, PA 15238
 Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody **Jord**



Client Information
 Client Contact: **D. FURBER, E. WALKER**
 SCS Contacts: Phone: **(770) 594-5978**
 Company: **GA Power**
 GA Power
 Address: **241 Ralph McGill Blvd SE**
 City: **Atlanta**
 State Zip: **GA, 30308**
 Phone: **404-606-7116 (Tel)**
 Email: **WJO #:**
 SCS Contacts: **Project #:**
CCR - Plant Wansley Landfill
 1801 9922
 Site: **SSOM#:**

Due Date Requested:
 TAT Requested (days):
 PO #:
 WJO #:
 Project #:
 1801 9922
 SCSOM#:

Sampler: **D. FURBER, E. WALKER**
 Lab PM: **Brown, Shall**
 E-Mail: **shall.brown@eurofins.com**
 Carrier Tracking No(s):

Analysis Requested
 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)

COC No:
 Page:
 Job #:
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO₄
 F - MeOH
 G - Anchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 Other:
 M - Hexane
 N - None
 O - ASNaO2
 P - Na2OAS
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - pH 4.5
 Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Seawater, Other (specify))	Field Filtered Sample (Y or N)	Analysis Requested	Total Number of Containers	Special Instructions/Note:
EB-1	8-18-21	1430	G	Water	N		2	pH= N/A
FB-1	8-18-21	1205	G	Water	N		2	pH= N/A
DUP-1	8-18-21		G	Water	N		2	pH= N/A
GWA-1	8-16-21	1552	G	Water	N		2	pH= 5.48
GWA-28	8-16-21	1402	G	Water	N		2	pH= 6.21
GWA-2	8-18-21	1225	G	Water	N		2	pH= 5.58
GWA-29	8-18-21	1425	G	Water	N		2	pH= 5.79
GWA-3	8-18-21	1232	G	Water	N		2	pH= 5.32
GWA-4	8-18-21	1417	G	Water	N		2	pH= 6.22
			G	Water	N			pH=

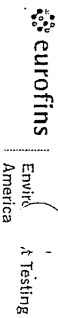
Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)
 Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Custody Seals Intact: _____ Custody Seal No.: _____
 A Yes Δ No
 Cooler Temperature(s) °C and Other Remarks:

Special Instructions/QC Requirements:
 Return To Client Disposal By Lab Archive For _____ Months
 Method of Shipment: _____
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____

Ver: 01/16/2019

Eurofins Test America, Pittsburgh
 301 Alpha Drive R York
 Pittsburgh, PA 15238
 Phone (412) 968-7058 Fax (412) 963-2468

Chain of Custody **Jord**



Client Information
 Client Contact: **D. HAWKES, R. WALKER, T. JONES**
 SCS Contacts: **Phone: (412) 594-5998**
 GA Power: **Shell Brown, Shell**
 Email: **Shell.brown@eurofins.com**
 Carrier Tracking No(s):

Address: **241 Ralph McGill Blvd SE**
 City: **Atlanta**
 State Zip: **GA, 30308**
 Phone: **404-506-7116(Tel)**
 Email: **W/O #:**
 SCS Contacts: **Project #: 18019922**
 Project Name: **CCR - Plant Wansley Landfill**
 SOW#:

Sample Identification	Sample Date	Sample Time	Sample Type (G=comp, B=filtrate, A=H)	Matrix (Water, Sewage, Urine, etc.)	Field Filtered Sample (Yes or No)	Analysis Requested	Preservation Codes:
EB-2	8-19-21	1450	G	Water	<input checked="" type="checkbox"/>	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg Cl, F, SO ₄ & TDS (EPA 300.0 & SM 2540C)	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO ₄ F - Mech G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA M - Hexane N - None O - AsNaO ₂ P - Na ₂ CO ₃ Q - Na ₂ SO ₃ R - Na ₂ S ₂ O ₃ S - H ₂ SO ₄ T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)
EB-2	8-19-21	1130	G	Water	<input checked="" type="checkbox"/>		
DUP-2	8-19-21		G	Water	<input checked="" type="checkbox"/>		
GWC-35	8-18-21	1545	G	Water	<input checked="" type="checkbox"/>		
GWC-24	8-19-21	1145	G	Water	<input checked="" type="checkbox"/>		
GWC-5	8-19-21	1102	G	Water	<input checked="" type="checkbox"/>		
GWC-6	8-18-21	1557	G	Water	<input checked="" type="checkbox"/>		
GWC-25	8-19-21	1325	G	Water	<input checked="" type="checkbox"/>		
GWC-26	8-19-21	1420	G	Water	<input checked="" type="checkbox"/>		
GWC-7	8-19-21	1725	G	Water	<input checked="" type="checkbox"/>		
GWC-12	8-19-21	1450	G	Water	<input checked="" type="checkbox"/>		

Special Instructions/Note:
 Total Number of Containers: **2**
 pH= **NA**
 pH= **NA**
 pH= **NA**
 pH= **5.53**
 pH= **5.10**
 pH= **6.42**
 pH= **5.90**
 pH= **6.97**
 pH= **5.69**
 pH= **6.38**
 pH= **7.26**

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

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

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:

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: _____ Date/Time: **8/20/2021 1510** Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No **Custody Seal No.:** _____

Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody



Client Information

Client Contact: **GA Power**
 Company: **GA Power**
 Address: **241 Ralph McGill Blvd SE**
 City: **Atlanta**
 State, Zip: **GA, 30308**
 Phone: **404-506-7116 (Tel)**
 Email: **SCS Contacts**
 Project Name: **CCR - Plant Wansley Landfill**
 Site: **SSOM#:**

Sampler: **D. FLOWER, P. LINCKER, T. JALLS**
 Lab P/N: **Brown, Shall**
 Email: **shall.brown@eurofins.com**

Carrier Tracking No(s):

COC No: _____
 Page: _____
 Job #:

Due Date Requested:	TAT Requested (days):	Analysis Requested

Field Filtered Sample (Yes or No)	Analysis Requested	Preservation Codes:
	APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg Cl, F, SO ₄ & TDS (EPA 300.0 & SM 2540C)	A - HCL B - NEOH C - Zn Acetate D - Nitric Acid E - NaHSO ₄ F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDTA M - Hexane N - None O - AshNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylsulfate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Metallic, Sewer, Overstall, BT=Truss, A=Air)	Field Filtered Sample (Yes or No)	Analysis Requested	Total Number of Containers	Special Instructions/Note:
GWC-21	8-14-21	1335	G	Water				pH= 5.54
GWC-22	8-14-21	1730	G	Water				pH= 6.58
GWC-8	8-20-21	1115	G	Water				pH= 5.91
GWC-10	8-20-21	1725	G	Water				pH= 5.77
GWC-16	8-20-21	1092	G	Water				pH= 5.98
GWC-17	8-20-21	1240	G	Water				pH= 6.05

BM-D
9/17/21

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

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *[Signature]* Date/Time: *8/20/21 1510* Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No

Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody



Client Information

Client Contact: D. FLORES, T. JOHNSON Lab Pkt: Brown, Shal Carrier Tracking No(s):
 SCS Contacts: (720) 594 5998 E-Mail: Shal.Brown@eurofins.com Page:
 GA Power: 18018922 SSO#:

Address: 241 Ralph McGill Blvd SE Due Date Requested:
 City: Atlanta TAT Requested (days):
 State, Zip: GA, 30308 PO #:
 Phone: 404-506-716(Tel) W/O #:
 Email: SCS Contacts Project #:
 Project Name: CCR - Plant Wansley Landfill 18018922
 Site: SSOW#:

Sample Identification	Sample Date	Sample Time	Sample Type (C-comp, G-grab)	Matrix (Water, Sewage, Other)	Field Filtered Sample (Yes or No)	Analysis Requested	Carrier Tracking No(s)	COC No:	Job #:	Preservation Codes:
<u>EB-3</u>	<u>8-23-21</u>	<u>1430</u>	<u>G</u>	<u>Water</u>	<u>X</u>	<u>APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg, Cl, F, SO₄ & TDS (EPA 300.0 & SM 2540C)</u>				<u>A - HCL</u> <u>B - NaOH</u> <u>C - Zn Acetate</u> <u>D - Nitric Acid</u> <u>E - NaHSO4</u> <u>F - NaOH</u> <u>G - Ammonia</u> <u>H - Ascorbic Acid</u> <u>I - Ice</u> <u>J - DI Water</u> <u>K - EDTA</u> <u>L - EDA</u> <u>Other:</u>
<u>FB-3</u>	<u>8-24-21</u>	<u>1135</u>	<u>G</u>	<u>Water</u>	<u>X</u>					<u>M - Hexane</u> <u>N - None</u> <u>O - AsNaO2</u> <u>P - Na2O4S</u> <u>Q - Na2SO3</u> <u>R - Na2S2O3</u> <u>S - H2SO4</u> <u>T - TSP Dodecylhydrate</u> <u>U - Acetone</u> <u>V - MCAA</u> <u>W - PH 4-5</u> <u>Z - other (Specify)</u>
<u>DUP-3</u>	<u>8-23-21</u>	<u>---</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-23</u>	<u>8-23-21</u>	<u>1235</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-27</u>	<u>8-23-21</u>	<u>1355</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-11</u>	<u>8-15-21</u>	<u>1140</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>EB-28 GWL-13</u>	<u>8-23-21</u>	<u>1215</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-14</u>	<u>8-23-21</u>	<u>1103</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-30</u>	<u>8-23-21</u>	<u>1516</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-34</u>	<u>8-24-21</u>	<u>1150</u>	<u>G</u>	<u>Water</u>	<u>X</u>					
<u>GWL-33</u>	<u>8-24-21</u>	<u>1310</u>	<u>G</u>	<u>Water</u>	<u>X</u>					

Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Empty Kit Reinquished by: _____ Date: _____

Reinquished by: _____ Date/Time: 8/25/21 1445 Company: ACC

Reinquished by: _____ Date/Time: 8/25/21 1445 Company: _____

Reinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

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

Special Instructions/Note:

Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

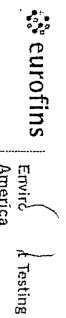
Method of Shipment: _____

Received by: _____ Date/Time: 8/25/21 1445 Company: _____

Received by: _____ Date/Time: _____ Company: _____

Eurofins TestAmerica, Pittsburgh
 301 Alpha Drive Park
 Pittsburgh, PA 15238
 Phone (412) 963-7088 Fax (412) 963-2468

Chain of Custody *Jord*



Client Information
 Client Contact: *O. FURBER T. BROWN*
 SCS Contacts: *(724) 544-5448*
 Company: GA Power
 Address: 241 Ralph McGill Blvd SE
 City: Atlanta
 State, Zip: GA, 30308
 Phone: 404-506-7116(Tel)
 Email: SCS Contacts
 Project Name: CCR - Plant Wansley Landfill
 Site:
 Sampler: *O. FURBER T. BROWN*
 Phone: *(724) 544-5448*
 Lab P/N: Brown, Shall
 E-Mail: shall.brown@eurofins.com
 Carrier Tracking No(s):
 Job #:

Analysis Requested
 Due Date Requested:
 TAT Requested (days):
 Field Filtered Sample (Yes/No)
 APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg
 Cl, F, SO₄ & TDS
 (EPA 300.0 & SM 2540C)
 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 - EDTA
 M - Hexane
 N - None
 O - AsVAcO₂
 P - Na₂OAS
 Q - Na₂SO₃
 R - Na₂S₂O₃
 S - H₂SO₄
 T - TSP Dodecahydrate
 U - Acetone
 V - MeCA
 W - PH 4.5
 Z - other (specify)
 Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Soil, O=Other)	Field Filtered Sample (Yes/No)	Analysis Requested	Total Number of Containers	Special Instructions/Note:
EB-4	8-24-21	1345	G	Water			2	pH= N/A
FB-4	8-24-21	1451	G	Water			2	pH= N/A
DUP-4	8-24-21	1408	G	Water			2	pH= N/A
GWC-35 of 21 GWC-32	8-24-21	1120	G	Water			2	pH= 6.12
GWC-15	8-24-21	1215	G	Water			2	pH= 6.43
GWC-18	8-24-21	1345	G	Water			2	pH= 5.90
GWC-19	8-24-21	1400	G	Water			2	pH= 5.78
GWC-20	8-24-21	1400	G	Water			2	pH= 6.17
			G	Water				pH=
			G	Water				pH=
			G	Water				pH=

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)
 Empty Kit Relinquished by: *[Signature]* Date: *8/25/21* Time: *1145*
 Relinquished by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Relinquished by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Relinquished by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Custody Seals Intact: Yes No
 Custody Seal No.:
 Cooler Temperature(s) °C and Other Remarks:
 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:
 Method of Spillment:
 Received by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Received by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Received by: *[Signature]* Date/Time: *8/25/21 1145* Company:
 Ver: 01/16/2019

Eurofins Test America, Pittsburgh

301 Alpha Drive f
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody



Client Information
 Client Contact: SCS Contacts
 Company: GA Power
 Address: 241 Ralph McGill Blvd SE
 City: Atlanta
 State Zip: GA, 30308
 Phone: 404-506-7116(Tel)
 Email: SCS Contacts
 Project Name: CCR - Plant Wansley Landfill
 Site:
 Sample #:
 Lab P/N: Brown, Shail
 E-Mail: shail.brown@eurofins.com

Analysis Requested
 Due Date Requested:
 TAT Requested (days):
 PO #:
 W/O #:
 Project #: 18019922
 SSOW#:
 Carrier Tracking No(s):
 Job #:
 COC No:
 Page:
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn/Acetic
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 Other:
 M - Hexane
 N - None
 O - AsNB02
 P - Na2CO3
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - pH 4.5
 Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Overhead, A=Air)	Field Filtered Sample (Yes or No)	Perform MMSD (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:
ELWC-9	8-25-2021	1059	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	pH= 5.55	
ELWC-31	8-25-2021	1155	G	Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	pH= 6.01	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	
			G	Water	<input type="checkbox"/>	<input type="checkbox"/>		pH=	



Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For Months

Reinquired by:	Date/Time:	Company:	Method of Shipment:
Michael Meikel	8-22-21 11:40	HCC	
Michael Meikel	8-27-21 11:42	Company	
Michael Meikel	8-28-21 9:15	Company	

Custody Seals Intact: Yes No
 Cooler Temperature(s) C and Other Remarks:
 Ver: 01/16/2019 9/13/2021

Eurofins TesAmerica, Pittsburgh


301 Alpha Drive Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record



Client Information		Sampler: <u>D. FOUQEA, R. WALKER</u>		Lab PM: Brown, Shali		Carrier Tracking No(s):		COC No:	
Client Contact: SCS Contacts		Phone: <u>(770) 594-5978</u>		E-Mail: shali.brown@eurofinset.com				Page:	
Company: GA Power				Analysis Requested				Job #:	
Address: 241 Ralph McGill Blvd SE		Due Date Requested:						Field Filtered Sample (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)	
City: Atlanta		TAT Requested (days):		A - HCL		M - Hexane			
State, Zip: GA, 30308		PO #:		B - NaOH		N - None			
Phone: 404-506-7116(Tel)		WO #:		C - Zn Acetate		O - AsNaO2			
Email: SCS Contacts		Project #:		D - Nitric Acid		P - Na2O4S			
Project Name: CCR - Plant Wansley Landfill		SSOW#:		E - NaHSO4		Q - Na2SO3			
Site:		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=TISSUE, A=Air)	
								Total Number of Containers	
								Special Instructions/Note:	
								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:	
								180-125924 Chain of Custody 	
								2 pH= NA 2 pH= NA 2 pH= NA 2 pH= 5.48 2 pH= 6.21 2 pH= 5.58 2 pH= 5.79 2 pH= 5.32 2 pH= 6.22 pH= * pH=	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <u>[Signature]</u>		Date/Time: 8-18-2021 1645		Company: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date/Time: 8/18/21 1645	
Relinquished by: <u>[Signature]</u>		Date/Time: 8/18/21 1645		Company: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date/Time: 8/19-21 9115	
Relinquished by: <u>[Signature]</u>		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Chain of Custody Record

Client Information		Sampler: <u>O. FLOQUEA, R. WALKER, T. JONES</u>		Lab PM: <u>Brown, Shali</u>		Carrier Tracking No(s):		COO No:	
Client Contact: SCS Contacts		Phone: <u>(724) 594-5998</u>		E-Mail: <u>shali.brown@eurofinset.com</u>				Page:	
Company: <u>GA Power</u>				Analysis Requested				Job #:	
Address: <u>241 Ralph McGill Blvd SE</u>		Due Date Requested:		Field Filtered Sample (Yes or No) Perform Methicillin (M) - (No) APP III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Ti, V, Zn, Hg Cl, F, SO ₄ & TDS (EPA 300.0 & SM 2540C)		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		'ecahydrate :city)	
City: <u>Atlanta</u>		TAT Requested (days):							
State, Zip: <u>GA, 30308</u>		PO #:							
Phone: <u>404-506-7116(Tel)</u>		WO #:							
Email: <u>SCS Contacts</u>		Project #: <u>18019922</u>							
Project Name: <u>CCR - Plant Wansley Landfill</u>		SSOW#:		180-126092 Chain of Custody					
Site:									
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/sol, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Total Num		Special Instructions/Note:	
<u>EB-2</u>	<u>8-19-21</u>	<u>1450</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>NA</u>
<u>FB-2</u>	<u>8-19-21</u>	<u>1130</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>NA</u>
<u>DUP-2</u>	<u>8-19-21</u>	<u>/</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>NA</u>
<u>GWC-35</u>	<u>8-18-21</u>	<u>1545</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>5.53</u>
<u>GWC-24</u>	<u>8-19-21</u>	<u>1145</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>5.10</u>
<u>GWC-5</u>	<u>8-19-21</u>	<u>1102</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>6.42</u>
<u>GWC-6</u>	<u>8-18-21</u>	<u>1557</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>5.90</u>
<u>GWC-25</u>	<u>8-19-21</u>	<u>1325</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>5.97</u>
<u>GWC-26</u>	<u>8-19-21</u>	<u>1420</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>5.69</u>
<u>GWC-7</u>	<u>8-19-21</u>	<u>1275</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>6.38</u>
<u>GWC-12</u>	<u>8-19-21</u>	<u>1450</u>	<u>G</u>	<u>Water</u>	<u>N</u>	<u>N</u>	<u>2</u>	<u>pH=</u>	<u>7.26</u>
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <u>[Signature]</u>		Date/Time: <u>8/20/2021 1510</u>		Company: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date/Time: <u>8/20/21 15:10</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/20/21 16:00</u>		Company: <u>ETA</u>		Received by: <u>[Signature]</u>		Date/Time: <u>8-31-21</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/20/21</u>		Company: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date/Time: <u>9:30</u>	
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Eurofins Test America, Pittsburgh


301 Alpha Drive Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record



Client Information		Sampler: <u>D. FOUQUER, P. WICKER, T. JANKUS</u>		Lab PM: Brown, Shali		Carrier Tracking No(s):		COC No:	
Client Contact: SCS Contacts		Phone: <u>(770) 594-5998</u>		E-Mail: <u>shali.brown@eurofinset.com</u>				Page:	
Company: GA Power		Address: 241 Ralph McGill Blvd SE		City: Atlanta		State, Zip: GA, 30308		Project Name: CCR - Plant Wansley Landfill	
Due Date Requested:		TAT Requested (days):		PO #:		WO #:		Project #: 18019922	
SSOW#:		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
Field Filtered Sample (Yes or No)		Regform / SIMSD (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, Ti, V, Zn, Hg		Cl, F, SO ₄ , & TDS (EPA 300.0 & SM 2540C)		Total Number of containers	
Analysis Requested		Preservation Codes:		Special Instructions/Note:					
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		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
GWC-21		8-19-21		1335		G		Water	
GWC-22		8-19-21		1730		G		Water	
GWC-8		8-20-21		1115		G		Water	
GWC-10		8-20-21		1725		G		Water	
GWC-16		8-20-21		1052		G		Water	
GWC-17		8-20-21		1740		G		Water	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Special Instructions/QC Requirements:					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/20/21 1510</u>		Company: <u>ETA</u>		Received by: <u>[Signature]</u>		Date/Time: <u>8/20/21 1510</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/20/21 16:00</u>		Company: <u>ETA</u>		Received by: <u>[Signature]</u>		Date/Time: <u>8-21-21</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>8/20/21 16:00</u>		Company: <u>ETA</u>		Received by: <u>[Signature]</u>		Date/Time: <u>9:30</u>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Chain of Custody Record

Client Information		Sampler: <u>O. FUQUERA, T. JOHNSON</u>		Lab PM: Brown, Shali		Carrier Tracking No(s):		COC No:	
Client Contact: SCS Contacts		Phone: <u>(770) 594 5998</u>		E-Mail: <u>shali.brown@eurofinset.com</u>				Page:	
Company: GA Power		Analysis Requested						Job #:	
Address: 241 Ralph McGill Blvd SE								Due Date Requested:	
City: Atlanta		TAT Requested (days):		Field Filtered Sample (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, Ti, V, Zn, Hg Cl, F, SO ₄ & TDS (EPA 300.0 & SM 2540C)		A - HCL		M - Hexane	
State, Zip: GA, 30308		PO #:				B - NaOH		N - None	
Phone: 404-506-7116(Tel)		WO #:				C - Zn Acetate		O - AsNaO2	
Email: SCS Contacts		Project #: 18019922				D - Nitric Acid		P - Na2O4S	
Project Name: CCR - Plant Wansley Landfill		SSOW#:				 180-126274 Chain of Custody		hydrate	
Site:								ify)	
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)		Total Number of	Special Instructions/Note:
						D			
EB-3		8-23-21	1430	G	Water	N	N	2	pH= NA
FB-3		8-24-21	1135	G	Water	N	N	2	pH= NA
DUP-3		8-23-21	/	G	Water	N	N	2	pH= NA
GWC-23		8-23-21	1235	G	Water	N	N	2	pH= 5.90
GWL-27		8-23-21	1355	G	Water	N	N	2	pH= 5.35
GWC-11		8-23-21	1140	G	Water	N	N	2	pH= 6.02
GWC-23 GWC-13		8-23-21	1245	G	Water	N	N	2	pH= 6.52
GWC-14		8-23-21	1403	G	Water	N	N	2	pH= 5.48
GWC-30		8-23-21	1516	G	Water	N	N	2	pH= 5.96
GWC-34		8-24-21	1150	G	Water	N	N	2	pH= 5.93
GWL-33		8-24-21	1310	G	Water	N	N	2	pH= 6.32
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:				
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time: 8/25/21 1145		Company: ACC		Received by:		Date/Time: 8/25/21 1145	
Relinquished by:		Date/Time: 8/25/21 1145		Company:		Received by:		Date/Time: 8/26/21 1600	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Eurofins Test America, Pittsburgh

301 Alpha Drive Park
 Pittsburgh, PA 15238
 Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record



Client Information				Sampler: <i>O. FOUQUA, T. JONES</i>	Lab PM: Brown, Shali	Carrier Tracking No(s):	COC No:						
Client Contact: SCS Contacts				Phone: <i>(770) 594-5998</i>	E-Mail: <i>shali.brown@eurofinset.com</i>		Page:						
Company: GA Power				Analysis Requested				Job #:					
Address: 241 Ralph McGill Blvd SE								Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> App II 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)				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 - Armchlor 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)	
City: Atlanta				Due Date Requested:	Total Number of containers Special Instructions/Note:								
State, Zip: GA, 30308				TAT Requested (days):									
Phone: 404-506-7116(Tel)				PO #:									
Email: SCS Contacts				WO #:									
Project Name: CCR - Plant Wansley Landfill				Project #: 18019922									
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)	APP II 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:	
				Preservation Code:									
<i>EB-4</i>				<i>8-24-21</i>	<i>1345</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>NA</i>
<i>FB-4</i>				<i>8-24-21</i>	<i>1451</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>NA</i>
<i>DUP-4</i>				<i>8-24-21</i>	<i>/</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>NA</i>
<i>GWL-33 OF 3-24-21 GWL-32</i>				<i>8-24-21</i>	<i>1408</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>6.12</i>
<i>GWC-15</i>				<i>8-24-21</i>	<i>1120</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>6.43</i>
<i>GWC-18</i>				<i>8-24-21</i>	<i>1215</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>5.90</i>
<i>GWC-19</i>				<i>8-24-21</i>	<i>1345</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>5.78</i>
<i>GWC-20</i>				<i>8-24-21</i>	<i>1450</i>	<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>2</i>	pH= <i>6.17</i>
						<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>				pH=
						<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>				pH=
						<i>G</i>	<i>Water</i>	<i>N</i>	<i>N</i>				pH=
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: <i>[Signature]</i>			Date/Time: <i>8/25/21 1145</i>			Company:			Received by: <i>[Signature]</i>				
Relinquished by: <i>[Signature]</i>			Date/Time: <i>8/25/21 1145</i>			Company:			Received by: <i>Dw...</i>				
Relinquished by: <i>[Signature]</i>			Date/Time: <i>8/25/21 1145</i>			Company:			Received by: <i>[Signature]</i>				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No						Custody Seal No.:							
						Cooler Temperature(s) °C and Other Remarks:							

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-125924-1

Login Number: 125924

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-125924-1

Login Number: 126092

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-125924-1

Login Number: 126274

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-125924-1

Login Number: 126369

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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

ANALYTICAL REPORT

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

Laboratory Job ID: 180-126371-1

Client Project/Site: Plant Wansley Landfill Surfacewater

For:

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

Attn: Kristen N Jurinko



Authorized for release by:
9/13/2021 3:07:38 PM

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

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Job ID: 180-126371-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

**Job Narrative
180-126371-1**

Comments

No additional comments.

Receipt

The samples were received on 8/28/2021 9:15 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 was 3.8° C.

GC Semi VOA

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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



Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

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

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



Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-126371-1	SWA-1	Surface Water	08/25/21 14:43	08/28/21 09:15
180-126371-2	SWA-6	Surface Water	08/25/21 13:08	08/28/21 09:15
180-126371-3	SWC-3	Surface Water	08/25/21 14:12	08/28/21 09:15
180-126371-4	SWC-5	Surface Water	08/25/21 12:49	08/28/21 09:15
180-126371-5	SWC-7	Surface Water	08/25/21 13:49	08/28/21 09:15

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Method Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

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:

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

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWA-1
Date Collected: 08/25/21 14:43
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-1
Matrix: Surface 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		1			370919	09/11/21 10:59	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:25	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:19	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:53	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 14:43	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWA-6
Date Collected: 08/25/21 13:08
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-2
Matrix: Surface 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		1			370919	09/11/21 11:15	J1T	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:28	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:22	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:52	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 13:08	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-3
Date Collected: 08/25/21 14:12
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-3
Matrix: Surface 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		1			370999	09/11/21 12:58	J1T	TAL PIT
Instrument ID: CHICS2100B										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWC-3
Date Collected: 08/25/21 14:12
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-3
Matrix: Surface 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			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:30	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:25	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:54	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 14:12	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-5
Date Collected: 08/25/21 12:49
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-4
Matrix: Surface 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		1			370999	09/11/21 12:42	J1T	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:33	RSK	TAL PIT
Instrument ID: NEMO										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:27	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:55	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 12:49	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SWC-7
Date Collected: 08/25/21 13:49
Date Received: 08/28/21 09:15

Lab Sample ID: 180-126371-5
Matrix: Surface 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		1			370999	09/11/21 12:25	J1T	TAL PIT
Instrument ID: CHICS2100B										
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:36	RSK	TAL PIT
Instrument ID: NEMO										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWC-7

Lab Sample ID: 180-126371-5

Date Collected: 08/25/21 13:49

Matrix: Surface Water

Date Received: 08/28/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370307	09/04/21 11:30	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		1			371007	09/10/21 15:56	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	369959	09/01/21 16:21	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			370651	08/25/21 13:49	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

AMD = Alysha Donlan

MM1 = Mary Beth Miller

Batch Type: Analysis

FDS = Sampler Field

J1T = Jianwu Tang

KEM = Kimberly Mahoney

KMM = Kendric Moore

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWA-1

Lab Sample ID: 180-126371-1

Date Collected: 08/25/21 14:43

Matrix: Surface Water

Date Received: 08/28/21 09:15

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.71	mg/L			09/11/21 10:59	1
Fluoride	0.16		0.10	0.026	mg/L			09/11/21 10:59	1
Sulfate	1.5		1.0	0.76	mg/L			09/11/21 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:25	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:25	1
Barium	0.019		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:25	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:25	1
Boron	<0.039		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:25	1
Calcium	3.5		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:25	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:25	1
Cobalt	0.00019	J	0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:25	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:25	1
Lead	0.00017	J	0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:25	1
Nickel	<0.00034		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:25	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:25	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:25	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	39		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.98				SU			08/25/21 14:43	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWA-6

Lab Sample ID: 180-126371-2

Date Collected: 08/25/21 13:08

Matrix: Surface Water

Date Received: 08/28/21 09:15

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.8		1.0	0.71	mg/L			09/11/21 11:15	1
Fluoride	0.18		0.10	0.026	mg/L			09/11/21 11:15	1
Sulfate	18		1.0	0.76	mg/L			09/11/21 11:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:28	1
Arsenic	0.00057	J	0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:28	1
Barium	0.029		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:28	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:28	1
Boron	0.066	J	0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:28	1
Calcium	11		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:28	1
Cobalt	0.00051	J	0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:28	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:28	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:28	1
Nickel	0.00043	J	0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:28	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:28	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:28	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:28	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:28	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:28	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	99		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.98				SU			08/25/21 13:08	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWC-3

Lab Sample ID: 180-126371-3

Date Collected: 08/25/21 14:12

Matrix: Surface Water

Date Received: 08/28/21 09:15

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93		1.0	0.71	mg/L			09/11/21 12:58	1
Fluoride	0.29		0.10	0.026	mg/L			09/11/21 12:58	1
Sulfate	0.82	J	1.0	0.76	mg/L			09/11/21 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:30	1
Arsenic	0.0016		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:30	1
Barium	0.061		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:30	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:30	1
Boron	0.34		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:30	1
Calcium	16		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:30	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:30	1
Cobalt	0.24		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:30	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:30	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:30	1
Nickel	0.0062		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:30	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:30	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:30	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:30	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:30	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:30	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	240		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.09				SU			08/25/21 14:12	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWC-5

Lab Sample ID: 180-126371-4

Date Collected: 08/25/21 12:49

Matrix: Surface Water

Date Received: 08/28/21 09:15

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28		1.0	0.71	mg/L			09/11/21 12:42	1
Fluoride	0.13		0.10	0.026	mg/L			09/11/21 12:42	1
Sulfate	18		1.0	0.76	mg/L			09/11/21 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:33	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:33	1
Barium	0.093		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:33	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:33	1
Boron	0.29		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:27	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:33	1
Calcium	15		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:33	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:33	1
Cobalt	0.015		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:33	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:33	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:33	1
Nickel	0.0060		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:33	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:33	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:33	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:33	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:33	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:33	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	170		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.81				SU			08/25/21 12:49	1

Client Sample Results

Client: Southern Company
 Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Client Sample ID: SWC-7

Lab Sample ID: 180-126371-5

Date Collected: 08/25/21 13:49

Matrix: Surface Water

Date Received: 08/28/21 09:15

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.71	mg/L			09/11/21 12:25	1
Fluoride	0.16		0.10	0.026	mg/L			09/11/21 12:25	1
Sulfate	12		1.0	0.76	mg/L			09/11/21 12:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:36	1
Arsenic	0.00083	J	0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:36	1
Barium	0.032		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:36	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:36	1
Boron	0.18		0.080	0.039	mg/L		09/01/21 17:08	09/04/21 11:30	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:36	1
Calcium	9.6		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 14:36	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:36	1
Cobalt	0.0018	J	0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:36	1
Copper	0.00086	J	0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:36	1
Lead	0.00054	J	0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:36	1
Nickel	0.0010		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:36	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:36	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:36	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:36	1
Vanadium	0.0020		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:36	1
Zinc	0.0050		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:36	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	91		10	10	mg/L			09/01/21 16:21	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.98				SU			08/25/21 13:49	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 180-370919/63
Matrix: Water
Analysis Batch: 370919

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 03:23	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 03:23	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 03:23	1

Lab Sample ID: LCS 180-370919/62
Matrix: Water
Analysis Batch: 370919

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	49.2		mg/L		98	90 - 110
Fluoride	2.50	2.65		mg/L		106	90 - 110
Sulfate	50.0	47.4		mg/L		95	90 - 110

Lab Sample ID: MB 180-370999/41
Matrix: Water
Analysis Batch: 370999

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			09/11/21 03:52	1
Fluoride	<0.026		0.10	0.026	mg/L			09/11/21 03:52	1
Sulfate	<0.76		1.0	0.76	mg/L			09/11/21 03:52	1

Lab Sample ID: LCS 180-370999/40
Matrix: Water
Analysis Batch: 370999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.2		mg/L		106	90 - 110
Fluoride	2.50	2.64		mg/L		106	90 - 110
Sulfate	50.0	53.0		mg/L		106	90 - 110

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

Lab Sample ID: MB 180-369963/1-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 13:05	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 13:05	1
Barium	<0.0016		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 13:05	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Boron	<0.039		0.080	0.039	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 13:05	1
Calcium	<0.13		0.50	0.13	mg/L		09/01/21 17:08	09/03/21 13:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 13:05	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Nickel	<0.00034		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 13:05	1

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QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

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

Lab Sample ID: MB 180-369963/1-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 13:05	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 13:05	1

Lab Sample ID: LCS 180-369963/2-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	0.999		mg/L		100	80 - 120
Beryllium	0.500	0.475		mg/L		95	80 - 120
Boron	1.25	1.20		mg/L		96	80 - 120
Cadmium	0.500	0.503		mg/L		101	80 - 120
Calcium	25.0	26.7		mg/L		107	80 - 120
Chromium	0.500	0.488		mg/L		98	80 - 120
Cobalt	0.500	0.494		mg/L		99	80 - 120
Copper	0.500	0.487		mg/L		97	80 - 120
Lead	0.500	0.497		mg/L		99	80 - 120
Nickel	0.500	0.487		mg/L		97	80 - 120
Selenium	1.00	0.989		mg/L		99	80 - 120
Silver	0.250	0.255		mg/L		102	80 - 120
Thallium	1.00	0.999		mg/L		100	80 - 120
Vanadium	0.500	0.498		mg/L		100	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120

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

Lab Sample ID: MB 180-369959/2
Matrix: Water
Analysis Batch: 369959

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			09/01/21 16:21	1

Lab Sample ID: LCS 180-369959/1
Matrix: Water
Analysis Batch: 369959

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	685	676		mg/L		99	80 - 120

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

HPLC/IC

Analysis Batch: 370919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total/NA	Surface Water	300.0	
180-126371-2	SWA-6	Total/NA	Surface Water	300.0	
MB 180-370919/63	Method Blank	Total/NA	Water	300.0	
LCS 180-370919/62	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 370999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-3	SWC-3	Total/NA	Surface Water	300.0	
180-126371-4	SWC-5	Total/NA	Surface Water	300.0	
180-126371-5	SWC-7	Total/NA	Surface Water	300.0	
MB 180-370999/41	Method Blank	Total/NA	Water	300.0	
LCS 180-370999/40	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 369963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total Recoverable	Surface Water	3005A	
180-126371-2	SWA-6	Total Recoverable	Surface Water	3005A	
180-126371-3	SWC-3	Total Recoverable	Surface Water	3005A	
180-126371-4	SWC-5	Total Recoverable	Surface Water	3005A	
180-126371-5	SWC-7	Total Recoverable	Surface Water	3005A	
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 370294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-2	SWA-6	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-3	SWC-3	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-4	SWC-5	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-5	SWC-7	Total Recoverable	Surface Water	EPA 6020B	369963
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369963
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369963

Analysis Batch: 370307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-2	SWA-6	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-3	SWC-3	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-4	SWC-5	Total Recoverable	Surface Water	EPA 6020B	369963
180-126371-5	SWC-7	Total Recoverable	Surface Water	EPA 6020B	369963

Prep Batch: 370941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total/NA	Surface Water	7470A	
180-126371-2	SWA-6	Total/NA	Surface Water	7470A	
180-126371-3	SWC-3	Total/NA	Surface Water	7470A	
180-126371-4	SWC-5	Total/NA	Surface Water	7470A	
180-126371-5	SWC-7	Total/NA	Surface Water	7470A	

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QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Surfacewater

Job ID: 180-126371-1

Metals

Analysis Batch: 371007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total/NA	Surface Water	EPA 7470A	370941
180-126371-2	SWA-6	Total/NA	Surface Water	EPA 7470A	370941
180-126371-3	SWC-3	Total/NA	Surface Water	EPA 7470A	370941
180-126371-4	SWC-5	Total/NA	Surface Water	EPA 7470A	370941
180-126371-5	SWC-7	Total/NA	Surface Water	EPA 7470A	370941

General Chemistry

Analysis Batch: 369959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total/NA	Surface Water	SM 2540C	
180-126371-2	SWA-6	Total/NA	Surface Water	SM 2540C	
180-126371-3	SWC-3	Total/NA	Surface Water	SM 2540C	
180-126371-4	SWC-5	Total/NA	Surface Water	SM 2540C	
180-126371-5	SWC-7	Total/NA	Surface Water	SM 2540C	
MB 180-369959/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-369959/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 370651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126371-1	SWA-1	Total/NA	Surface Water	Field Sampling	
180-126371-2	SWA-6	Total/NA	Surface Water	Field Sampling	
180-126371-3	SWC-3	Total/NA	Surface Water	Field Sampling	
180-126371-4	SWC-5	Total/NA	Surface Water	Field Sampling	
180-126371-5	SWC-7	Total/NA	Surface Water	Field Sampling	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126371-1

Login Number: 126371

List Number: 1

Creator: Watson, Debbie

List Source: Eurofins TestAmerica, Pittsburgh

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	

ANALYTICAL REPORT

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

Laboratory Job ID: 180-126370-1

Client Project/Site: Plant Wansley Landfill Effluent
Revision: 1

For:

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

Attn: Kristen N Jurinko



Authorized for release by:
9/21/2021 10:11:14 AM

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

PA Lab ID: 02-00416



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Case Narrative

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Job ID: 180-126370-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

**Job Narrative
180-126370-1**

Comments

092121 Revised report to correct mercury units from ug/L to mg/L; this report replaces the report previously issued on 091421.

Receipt

The sample was received on 8/28/2021 9:15 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 was 3.8° C.

Metals

Method 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EFFLUENT UNIT 1 (180-126370-1). Elevated reporting limits (RLs) are provided.

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

Field Service / Mobile Lab

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Glossary

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

Accreditation/Certification Summary

Client: Southern Company
 Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

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

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



Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-126370-1	EFFLUENT UNIT 1	Water	08/26/21 16:55	08/28/21 09:15

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Method Summary

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
EPA 7470A	Mercury (CVAA)	SW846	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT
7470A	Preparation, Mercury	SW846	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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



Lab Chronicle

Client: Southern Company
 Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Client Sample ID: EFFLUENT UNIT 1

Lab Sample ID: 180-126370-1

Date Collected: 08/26/21 16:55

Matrix: Water

Date Received: 08/28/21 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	369963	09/01/21 17:08	AMD	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			370294	09/03/21 14:13	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			25 mL	25 mL	370941	09/10/21 09:50	MM1	TAL PIT
Total/NA	Analysis	EPA 7470A		10			371007	09/10/21 16:50	KEM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	Field Sampling		1			370651	08/26/21 16:55	FDS	TAL PIT
Instrument ID: NOEQUIP										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

AMD = Alysha Donlan

MM1 = Mary Beth Miller

Batch Type: Analysis

FDS = Sampler Field

KEM = Kimberly Mahoney

RSK = Robert Kurtz

Client Sample Results

Client: Southern Company
 Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Client Sample ID: EFFLUENT UNIT 1

Lab Sample ID: 180-126370-1

Date Collected: 08/26/21 16:55

Matrix: Water

Date Received: 08/28/21 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.012		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 14:13	1
Arsenic	0.18		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 14:13	1
Barium	0.88		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 14:13	1
Beryllium	0.0047		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 14:13	1
Cadmium	0.041		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 14:13	1
Chromium	0.47		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 14:13	1
Cobalt	0.024		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 14:13	1
Copper	0.14		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 14:13	1
Lead	0.12		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 14:13	1
Nickel	0.24		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 14:13	1
Selenium	0.74		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 14:13	1
Silver	0.0027		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 14:13	1
Thallium	0.0056		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 14:13	1
Vanadium	0.27		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 14:13	1
Zinc	0.99		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 14:13	1

Method: EPA 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.0020	0.0013	mg/L		09/10/21 09:50	09/10/21 16:50	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.09				SU			08/26/21 16:55	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

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

Lab Sample ID: MB 180-369963/1-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		09/01/21 17:08	09/03/21 13:05	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		09/01/21 17:08	09/03/21 13:05	1
Barium	<0.0016		0.010	0.0016	mg/L		09/01/21 17:08	09/03/21 13:05	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		09/01/21 17:08	09/03/21 13:05	1
Chromium	<0.0015		0.0020	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Copper	<0.00063		0.0020	0.00063	mg/L		09/01/21 17:08	09/03/21 13:05	1
Lead	<0.00013		0.0010	0.00013	mg/L		09/01/21 17:08	09/03/21 13:05	1
Nickel	<0.00034		0.0010	0.00034	mg/L		09/01/21 17:08	09/03/21 13:05	1
Selenium	<0.0015		0.0050	0.0015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Silver	<0.00018		0.0010	0.00018	mg/L		09/01/21 17:08	09/03/21 13:05	1
Thallium	<0.00015		0.0010	0.00015	mg/L		09/01/21 17:08	09/03/21 13:05	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		09/01/21 17:08	09/03/21 13:05	1
Zinc	<0.0032		0.0050	0.0032	mg/L		09/01/21 17:08	09/03/21 13:05	1

Lab Sample ID: LCS 180-369963/2-A
Matrix: Water
Analysis Batch: 370294

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 369963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.242		mg/L		97	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Barium	1.00	0.999		mg/L		100	80 - 120
Beryllium	0.500	0.475		mg/L		95	80 - 120
Cadmium	0.500	0.503		mg/L		101	80 - 120
Chromium	0.500	0.488		mg/L		98	80 - 120
Cobalt	0.500	0.494		mg/L		99	80 - 120
Copper	0.500	0.487		mg/L		97	80 - 120
Lead	0.500	0.497		mg/L		99	80 - 120
Nickel	0.500	0.487		mg/L		97	80 - 120
Selenium	1.00	0.989		mg/L		99	80 - 120
Silver	0.250	0.255		mg/L		102	80 - 120
Thallium	1.00	0.999		mg/L		100	80 - 120
Vanadium	0.500	0.498		mg/L		100	80 - 120
Zinc	0.250	0.242		mg/L		97	80 - 120

Method: EPA 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-370941/1-A
Matrix: Water
Analysis Batch: 371007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 370941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.00020	0.00013	mg/L		09/10/21 09:50	09/10/21 16:48	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Method: EPA 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-370941/2-A
Matrix: Water
Analysis Batch: 371007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 370941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

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QC Association Summary

Client: Southern Company
 Project/Site: Plant Wansley Landfill Effluent

Job ID: 180-126370-1

Metals

Prep Batch: 369963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126370-1	EFFLUENT UNIT 1	Total Recoverable	Water	3005A	
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 370294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126370-1	EFFLUENT UNIT 1	Total Recoverable	Water	EPA 6020B	369963
MB 180-369963/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	369963
LCS 180-369963/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	369963

Prep Batch: 370941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126370-1	EFFLUENT UNIT 1	Total/NA	Water	7470A	
MB 180-370941/1-A	Method Blank	Total/NA	Water	7470A	
LCS 180-370941/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 371007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126370-1	EFFLUENT UNIT 1	Total/NA	Water	EPA 7470A	370941
MB 180-370941/1-A	Method Blank	Total/NA	Water	EPA 7470A	370941
LCS 180-370941/2-A	Lab Control Sample	Total/NA	Water	EPA 7470A	370941

Field Service / Mobile Lab

Analysis Batch: 370651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-126370-1	EFFLUENT UNIT 1	Total/NA	Water	Field Sampling	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-126370-1

Login Number: 126370

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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

LEVEL 2A LABORATORY DATA VALIDATIONS

Plant Wansley Landfill

Annual Event

August 2021

Georgia Power Company – Plant Wansley Landfill

Quality Control Review of Analytical Data – August 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Pittsburgh for groundwater, surface water, and effluent samples collected at Plant Wansley Landfill (LF) between August 16, 2021 and August 26, 2021. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 180-125924-1 was revised to correct an errant field pH result and substitute the updated chain of custody.

In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detected monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020/6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions (USEPA Method 300.0), and Solids in Water (Standard Methods 2540C).

Data were reviewed in accordance with the USEPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)¹ and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)². The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and COCs were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met, with the exceptions of chloride and fluoride on GWC-21 (180-126092-12) and fluoride on GWC-27 (180-126274-5) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met. Certain samples were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on USEPA guidelines. Reporting limits (RLs) of non-detect compounds are elevated proportional to the dilution when undiluted sample results were not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.

ND: The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Samples GWC-21 (180-126092-12) and DUP-2 (180-126092-3) were qualified as estimated (J) for chloride and fluoride as the field relative percent differences (RPDs) exceeded QC criteria (126.09% and 131.03%, respectively, above limit of 20).
- Samples GWC-27 (180-126274-5) and DUP-3 (180-126274-3) were qualified as estimated (J) for fluoride as the field RPD exceeded QC criteria (22.95% above limit of 20).

Atlantic Coast Consulting, Inc. reviewed the laboratory data from the Plant Wansley LF sampled between August 16, 2021 and August 26, 2021 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

¹USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

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

TABLE 1

Georgia Power Company – Plant Wansley Landfill

Sample Summary Table – August 2021

SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses		
						Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
125924	EB-1	8/18/2021	180-125924-1	WQ	EB	X	X	X
125924	FB-1	8/18/2021	180-125924-2	WQ	FB	X	X	X
125924	DUP-1	8/18/2021	180-125924-3	GW	FD (GWA-3)	X	X	X
125924	GWA-1	8/16/2021	180-125924-4	GW		X	X	X
125924	GWA-28	8/16/2021	180-125924-5	GW		X	X	X
125924	GWA-2	8/18/2021	180-125924-6	GW		X	X	X
125924	GWA-29	8/18/2021	180-125924-7	GW		X	X	X
125924	GWA-3	8/18/2021	180-125924-8	GW		X	X	X
125924	GWA-4	8/18/2021	180-125924-9	GW		X	X	X
125924	EB-2	8/19/2021	180-126092-1	WQ	EB	X	X	X
125924	FB-2	8/19/2021	180-126092-2	WQ	FB	X	X	X
125924	DUP-2	8/19/2021	180-126092-3	GW	FD (GWC-21)	X	X	X
125924	GWC-35	8/18/2021	180-126092-4	GW		X	X	X
125924	GWC-24	8/19/2021	180-126092-5	GW		X	X	X
125924	GWC-5	8/19/2021	180-126092-6	GW		X	X	X
125924	GWC-6	8/18/2021	180-126092-7	GW		X	X	X
125924	GWC-25	8/19/2021	180-126092-8	GW		X	X	X
125924	GWC-26	8/19/2021	180-126092-9	GW		X	X	X
125924	GWC-7	8/19/2021	180-126092-10	GW		X	X	X
125924	GWC-12	8/19/2021	180-126092-11	GW		X	X	X
125924	GWC-21	8/19/2021	180-126092-12	GW		X	X	X
125924	GWC-22	8/19/2021	180-126092-13	GW		X	X	X
125924	GWC-8	8/20/2021	180-126092-14	GW		X	X	X
125924	GWC-10	8/20/2021	180-126092-15	GW		X	X	X
125924	GWC-16	8/20/2021	180-126092-16	GW		X	X	X
125924	GWC-17	8/20/2021	180-126092-17	GW		X	X	X
125924	EB-3	8/23/2021	180-126274-1	WQ	EB	X	X	X
125924	FB-3	8/24/2021	180-126274-2	WQ	FB	X	X	X
125924	DUP-3	8/23/2021	180-126274-3	GW	FD (GWC-27)	X	X	X
125924	GWC-23	8/23/2021	180-126274-4	GQ		X	X	X

Abbreviations:

EB – Equipment Blank

FB – Field Blank

FD – Field Duplicate

GW – Groundwater

QC – Quality Control

SW – Surface Water

TDS – Total Dissolved Solids

WQ – Water Quality Control

TABLE 1 (continued)

Georgia Power Company – Plant Wansley Landfill

Sample Summary Table – August 2021

SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses		
						Metals (6020, 7470A)	Anions (300.0)	TDS (SM 2540C)
125924	GWC-27	8/23/2021	180-126274-4	GW		X	X	X
125924	GWC-11	8/23/2021	180-126274-5	GW		X	X	X
125924	GWC-13	8/23/2021	180-126274-6	GW		X	X	X
125924	GWC-14	8/23/2021	180-126274-7	GW		X	X	X
125924	GWC-30	8/23/2021	180-126274-8	GW		X	X	X
125924	GWC-34	8/24/2021	180-126274-9	GW		X	X	X
125924	GWC-33	8/24/2021	180-126274-10	GW		X	X	X
125924	EB-4	8/24/2021	180-126274-11	WQ	EB	X	X	X
125924	FB-4	8/24/2021	180-126274-12	WQ	FB	X	X	X
125924	DUP-4	8/24/2021	180-126274-13	GW	FD (GWC-20)	X	X	X
125924	GWC-32	8/24/2021	180-126274-14	GW		X	X	X
125924	GWC-15	8/24/2021	180-126274-15	GW		X	X	X
125924	GWC-18	8/24/2021	180-126274-16	GW		X	X	X
125924	GWC-19	8/24/2021	180-126274-17	GW		X	X	X
125924	GWC-20	8/24/2021	180-126274-18	GW		X	X	X
125924	GWC-9	8/25/2021	180-126369-1	GW		X	X	X
125924	GWC-31	8/25/2021	180-126369-2	GW		X	X	X
126371	SWA-1	8/25/2021	180-126371-1	SW		X	X	X
126371	SWA-6	8/25/2021	180-126371-2	SW		X	X	X
126371	SWC-3	8/25/2021	180-126371-3	SW		X	X	X
126371	SWC-5	8/25/2021	180-126371-4	SW		X	X	X
126371	SWC-7	8/25/2021	180-126371-5	SW		X	X	X
126370	EFFLUENT UNIT 1	8/26/2021	180-126370-1	EFF		X		

Abbreviations:

EB – Equipment Blank
 EFF – Effluent
 FB – Field Blank
 FD – Field Duplicate
 GW – Groundwater
 QC – Quality Control

SW – Surface Water
 TDS – Total Dissolved Solids
 WQ – Water Quality Control

TABLE 2

Georgia Power Company – Plant Wansley Landfill

Qualifier Summary Table – August 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
125924	GWC-21	Chloride			J	RPD exceeds field goal
125924	DUP-2	Chloride			J	RPD exceeds field goal
125924	GWC-21	Fluoride			J	RPD exceeds field goal
125924	DUP-2	Fluoride			J	RPD exceeds field goal
125924	GWC-27	Fluoride			J	RPD exceeds field goal
125924	DUP-3	Fluoride			J	RPD exceeds field goal

Abbreviations:

MDC – Minimum Detectable Concentration
 MS/MSD – Matrix Spike / Matrix Spike Duplicate
 MDL – Method Detection Limit
 RL – Reporting Limit
 RPD – Relative Percent Difference
 SDG – Sample Delivery Group

Qualifiers:

J – Estimated Result
 ND – Non-Detect Result

Low-Flow Test Report:

Test Date / Time: 8/16/2021 3:21:04 PM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWA-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39 ft Total Depth: 49.85 ft Initial Depth to Water: 21.56 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 44 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 3.54 ft	Instrument Used: SmarTROLL MP Serial Number: 597519
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Test Notes:

Sampled at 15:52. Slight rain, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/16/2021 3:21 PM	00:00	5.58 pH	21.92 °C	24.09 µS/cm	5.29 mg/L	0.94 NTU	510.4 mV	21.56 ft	100.00 ml/min
8/16/2021 3:26 PM	05:00	5.48 pH	20.76 °C	21.45 µS/cm	5.38 mg/L	2.76 NTU	589.8 mV	24.60 ft	100.00 ml/min
8/16/2021 3:31 PM	10:00	5.47 pH	20.62 °C	20.90 µS/cm	5.48 mg/L	1.33 NTU	626.0 mV	24.70 ft	100.00 ml/min
8/16/2021 3:36 PM	15:00	5.49 pH	20.76 °C	20.55 µS/cm	5.45 mg/L	1.63 NTU	653.7 mV	24.80 ft	100.00 ml/min
8/16/2021 3:41 PM	20:00	5.49 pH	20.53 °C	20.51 µS/cm	5.52 mg/L	1.56 NTU	672.5 mV	24.90 ft	100.00 ml/min
8/16/2021 3:46 PM	25:00	5.49 pH	20.75 °C	20.20 µS/cm	5.44 mg/L	0.57 NTU	686.1 mV	25.00 ft	100.00 ml/min
8/16/2021 3:51 PM	30:00	5.48 pH	20.75 °C	20.22 µS/cm	5.46 mg/L	0.58 NTU	698.0 mV	25.10 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/18/2021 11:15:06 AM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWA-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 50.07 ft Total Depth: 60.07 ft Initial Depth to Water: 43.45 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 55 ft Estimated Total Volume Pumped: 8.4 liter Flow Cell Volume: 90 ml Final Flow Rate: 120 ml/min Final Draw Down: 1 in.	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

Clear 84F. Collected at 1225.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/18/2021 11:15 AM	00:00	5.49 pH	20.87 °C	50.74 µS/cm	6.98 mg/L	27.00 NTU	185.6 mV	43.50 ft	120.00 ml/min
8/18/2021 11:20 AM	05:00	5.49 pH	20.71 °C	50.07 µS/cm	6.97 mg/L	28.00 NTU	176.8 mV	43.50 ft	120.00 ml/min
8/18/2021 11:25 AM	10:00	5.53 pH	20.69 °C	49.82 µS/cm	6.99 mg/L	28.00 NTU	175.0 mV	43.50 ft	120.00 ml/min
8/18/2021 11:30 AM	15:00	5.53 pH	20.73 °C	49.59 µS/cm	6.93 mg/L	20.00 NTU	174.1 mV	43.50 ft	120.00 ml/min
8/18/2021 11:35 AM	20:00	5.53 pH	20.70 °C	49.76 µS/cm	6.96 mg/L	18.00 NTU	172.7 mV	43.50 ft	120.00 ml/min
8/18/2021 11:40 AM	25:00	5.54 pH	20.65 °C	49.56 µS/cm	6.93 mg/L	14.00 NTU	172.3 mV	43.50 ft	120.00 ml/min
8/18/2021 11:45 AM	30:00	5.55 pH	20.57 °C	49.74 µS/cm	6.92 mg/L	14.00 NTU	171.8 mV	43.50 ft	120.00 ml/min
8/18/2021 11:50 AM	35:00	5.55 pH	20.47 °C	49.75 µS/cm	6.93 mg/L	13.00 NTU	170.4 mV	43.50 ft	120.00 ml/min
8/18/2021 11:55 AM	40:00	5.56 pH	20.31 °C	49.65 µS/cm	6.89 mg/L	11.00 NTU	168.6 mV	43.50 ft	120.00 ml/min
8/18/2021 12:00 PM	45:00	5.56 pH	20.19 °C	49.68 µS/cm	6.91 mg/L	11.00 NTU	167.2 mV	43.50 ft	120.00 ml/min
8/18/2021 12:05 PM	50:00	5.57 pH	20.04 °C	49.65 µS/cm	6.92 mg/L	9.48 NTU	166.2 mV	43.50 ft	120.00 ml/min
8/18/2021 12:10 PM	55:00	5.56 pH	20.09 °C	49.44 µS/cm	6.90 mg/L	7.89 NTU	166.0 mV	43.50 ft	120.00 ml/min
8/18/2021 12:15 PM	01:00:00	5.57 pH	19.90 °C	49.63 µS/cm	6.91 mg/L	7.05 NTU	214.1 mV	43.50 ft	120.00 ml/min
8/18/2021 12:20 PM	01:05:00	5.57 pH	19.83 °C	49.55 µS/cm	6.90 mg/L	6.94 NTU	164.6 mV	43.50 ft	120.00 ml/min
8/18/2021 12:25 PM	01:10:00	5.58 pH	19.95 °C	49.37 µS/cm	6.91 mg/L	4.89 NTU	162.7 mV	43.50 ft	120.00 ml/min

Low-Flow Test Report:

Test Date / Time: 8/18/2021 10:49:23 AM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWA-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21 ft Total Depth: 31.16 ft Initial Depth to Water: 23.42 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 26 ft Estimated Total Volume Pumped: 30000 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 1.88 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 12:32 on 8/18/21. Sunny, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/18/2021 10:49 AM	00:00	5.69 pH	24.82 °C	349.03 µS/cm	3.62 mg/L	1.47 NTU	171.5 mV	23.42 ft	300.00 ml/min
8/18/2021 10:54 AM	05:00	5.55 pH	19.63 °C	355.71 µS/cm	3.10 mg/L	3.47 NTU	202.1 mV	23.50 ft	300.00 ml/min
8/18/2021 10:59 AM	10:00	5.54 pH	19.28 °C	351.43 µS/cm	3.55 mg/L	3.04 NTU	158.7 mV	26.00 ft	300.00 ml/min
8/18/2021 11:04 AM	15:00	5.53 pH	19.14 °C	357.37 µS/cm	3.39 mg/L	2.88 NTU	180.2 mV	26.40 ft	300.00 ml/min
8/18/2021 11:09 AM	20:00	5.51 pH	19.23 °C	357.24 µS/cm	2.99 mg/L	2.70 NTU	146.5 mV	24.60 ft	300.00 ml/min
8/18/2021 11:14 AM	25:00	5.47 pH	19.08 °C	358.70 µS/cm	2.60 mg/L	2.44 NTU	166.4 mV	26.80 ft	300.00 ml/min
8/18/2021 11:19 AM	30:00	5.46 pH	18.92 °C	354.70 µS/cm	2.66 mg/L	1.71 NTU	165.2 mV	25.00 ft	300.00 ml/min
8/18/2021 11:24 AM	35:00	5.46 pH	19.14 °C	348.71 µS/cm	2.42 mg/L	1.83 NTU	163.9 mV	25.20 ft	300.00 ml/min
8/18/2021 11:29 AM	40:00	5.44 pH	19.02 °C	342.44 µS/cm	2.30 mg/L	0.89 NTU	138.1 mV	25.30 ft	300.00 ml/min
8/18/2021 11:34 AM	45:00	5.39 pH	19.32 °C	330.02 µS/cm	2.01 mg/L	0.81 NTU	158.0 mV	25.30 ft	300.00 ml/min
8/18/2021 11:39 AM	50:00	5.35 pH	19.11 °C	315.93 µS/cm	1.17 mg/L	0.76 NTU	157.5 mV	25.30 ft	300.00 ml/min
8/18/2021 11:44 AM	55:00	5.35 pH	18.99 °C	314.04 µS/cm	1.41 mg/L	1.23 NTU	155.5 mV	25.30 ft	300.00 ml/min
8/18/2021 11:49 AM	01:00:00	5.36 pH	18.97 °C	314.18 µS/cm	1.69 mg/L	1.87 NTU	153.9 mV	25.30 ft	300.00 ml/min
8/18/2021 11:54 AM	01:05:00	5.36 pH	19.14 °C	302.43 µS/cm	2.81 mg/L	4.55 NTU	135.2 mV	25.30 ft	300.00 ml/min
8/18/2021 11:59 AM	01:10:00	5.36 pH	19.23 °C	313.67 µS/cm	3.12 mg/L	8.43 NTU	154.3 mV	25.30 ft	300.00 ml/min

8/18/2021 12:04 PM	01:15:00	5.35 pH	19.61 °C	323.89 µS/cm	2.79 mg/L	11.00 NTU	153.4 mV	25.30 ft	300.00 ml/min
8/18/2021 12:09 PM	01:20:00	5.33 pH	20.17 °C	330.46 µS/cm	2.59 mg/L	6.50 NTU	131.1 mV	25.30 ft	300.00 ml/min
8/18/2021 12:14 PM	01:25:00	5.31 pH	20.32 °C	336.20 µS/cm	2.28 mg/L	4.00 NTU	146.5 mV	25.30 ft	300.00 ml/min
8/18/2021 12:19 PM	01:30:00	5.32 pH	20.17 °C	319.69 µS/cm	1.96 mg/L	4.80 NTU	144.7 mV	25.30 ft	300.00 ml/min
8/18/2021 12:24 PM	01:35:00	5.30 pH	20.35 °C	322.24 µS/cm	1.78 mg/L	4.80 NTU	143.9 mV	25.30 ft	300.00 ml/min
8/18/2021 12:29 PM	01:40:00	5.32 pH	20.08 °C	317.90 µS/cm	1.78 mg/L	4.81 NTU	142.4 mV	25.30 ft	300.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/18/2021 1:04:50 PM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWA-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30 ft Total Depth: 40.61 ft Initial Depth to Water: 22.48 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 14000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.22 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 1417 on 8/18/21. Sunny, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/18/2021 1:04 PM	00:00	6.27 pH	27.26 °C	317.59 µS/cm	7.36 mg/L	94.00 NTU	16.2 mV	22.48 ft	200.00 ml/min
8/18/2021 1:09 PM	05:00	6.37 pH	20.98 °C	352.01 µS/cm	0.53 mg/L	22.20 NTU	-1.1 mV	22.70 ft	200.00 ml/min
8/18/2021 1:14 PM	10:00	6.32 pH	20.35 °C	333.95 µS/cm	0.35 mg/L	11.30 NTU	12.2 mV	22.70 ft	200.00 ml/min
8/18/2021 1:19 PM	15:00	6.29 pH	20.30 °C	308.65 µS/cm	0.30 mg/L	18.10 NTU	29.7 mV	22.70 ft	200.00 ml/min
8/18/2021 1:24 PM	20:00	6.29 pH	20.23 °C	307.95 µS/cm	0.27 mg/L	9.63 NTU	32.3 mV	22.70 ft	200.00 ml/min
8/18/2021 1:29 PM	25:00	6.28 pH	20.08 °C	302.29 µS/cm	0.23 mg/L	6.07 NTU	29.0 mV	22.70 ft	200.00 ml/min
8/18/2021 1:34 PM	30:00	6.28 pH	19.98 °C	294.64 µS/cm	0.24 mg/L	5.66 NTU	35.6 mV	22.70 ft	200.00 ml/min
8/18/2021 1:39 PM	35:00	6.27 pH	19.90 °C	286.63 µS/cm	0.24 mg/L	4.36 NTU	37.1 mV	22.70 ft	200.00 ml/min
8/18/2021 1:44 PM	40:00	6.27 pH	19.85 °C	278.89 µS/cm	0.26 mg/L	4.73 NTU	38.5 mV	22.70 ft	200.00 ml/min
8/18/2021 1:49 PM	45:00	6.26 pH	19.90 °C	271.69 µS/cm	0.24 mg/L	3.81 NTU	39.3 mV	22.70 ft	200.00 ml/min
8/18/2021 1:54 PM	50:00	6.25 pH	19.60 °C	266.04 µS/cm	0.26 mg/L	3.48 NTU	41.0 mV	22.70 ft	200.00 ml/min
8/18/2021 1:59 PM	55:00	6.25 pH	19.60 °C	259.63 µS/cm	0.29 mg/L	3.22 NTU	42.9 mV	22.70 ft	200.00 ml/min
8/18/2021 2:04 PM	01:00:00	6.24 pH	19.68 °C	252.69 µS/cm	0.31 mg/L	2.89 NTU	44.5 mV	22.70 ft	200.00 ml/min
8/18/2021 2:09 PM	01:05:00	6.23 pH	19.79 °C	247.64 µS/cm	0.35 mg/L	3.05 NTU	45.8 mV	22.70 ft	200.00 ml/min
8/18/2021 2:14 PM	01:10:00	6.22 pH	19.63 °C	246.90 µS/cm	0.37 mg/L	2.11 NTU	48.0 mV	22.70 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 8/19/2021 9:59:37 AM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30 ft Total Depth: 40.68 ft Initial Depth to Water: 17.38 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 12000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.42 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 1102. Sunny, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/19/2021 9:59 AM	00:00	6.94 pH	28.17 °C	405.57 µS/cm	4.15 mg/L	600.00 NTU	12.2 mV	17.38 ft	200.00 ml/min
8/19/2021 10:04 AM	05:00	7.23 pH	21.85 °C	405.63 µS/cm	0.38 mg/L	334.00 NTU	-56.3 mV	18.20 ft	200.00 ml/min
8/19/2021 10:09 AM	10:00	7.19 pH	21.11 °C	399.52 µS/cm	0.37 mg/L	67.10 NTU	-69.7 mV	18.70 ft	200.00 ml/min
8/19/2021 10:14 AM	15:00	7.10 pH	21.21 °C	401.96 µS/cm	0.26 mg/L	31.30 NTU	-51.4 mV	19.10 ft	200.00 ml/min
8/19/2021 10:19 AM	20:00	7.00 pH	21.44 °C	393.26 µS/cm	0.27 mg/L	20.50 NTU	-22.5 mV	19.40 ft	200.00 ml/min
8/19/2021 10:24 AM	25:00	6.99 pH	21.36 °C	398.87 µS/cm	0.24 mg/L	10.10 NTU	-36.6 mV	19.60 ft	200.00 ml/min
8/19/2021 10:29 AM	30:00	6.87 pH	21.41 °C	364.80 µS/cm	0.25 mg/L	8.55 NTU	7.3 mV	19.70 ft	200.00 ml/min
8/19/2021 10:34 AM	35:00	6.68 pH	20.90 °C	370.39 µS/cm	0.33 mg/L	7.87 NTU	25.2 mV	19.70 ft	200.00 ml/min
8/19/2021 10:39 AM	40:00	6.66 pH	20.82 °C	362.75 µS/cm	0.33 mg/L	13.30 NTU	39.7 mV	19.80 ft	200.00 ml/min
8/19/2021 10:44 AM	45:00	6.57 pH	20.88 °C	363.79 µS/cm	0.34 mg/L	14.80 NTU	36.6 mV	19.80 ft	200.00 ml/min
8/19/2021 10:49 AM	50:00	6.50 pH	20.85 °C	358.48 µS/cm	0.46 mg/L	9.77 NTU	42.0 mV	19.80 ft	200.00 ml/min
8/19/2021 10:54 AM	55:00	6.46 pH	21.01 °C	361.94 µS/cm	0.37 mg/L	4.32 NTU	48.5 mV	19.80 ft	200.00 ml/min
8/19/2021 10:59 AM	01:00:00	6.42 pH	21.29 °C	355.81 µS/cm	0.38 mg/L	3.25 NTU	54.4 mV	19.80 ft	200.00 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 8/18/2021 3:10:38 PM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21 ft Total Depth: 31.08 ft Initial Depth to Water: 17.95 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 26 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.25 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 1557 on 8/18/21. Sunny, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/18/2021 3:10 PM	00:00	5.92 pH	31.96 °C	194.50 µS/cm	4.22 mg/L	9.60 NTU	90.8 mV	17.95 ft	200.00 ml/min
8/18/2021 3:15 PM	05:00	5.85 pH	22.44 °C	206.68 µS/cm	0.62 mg/L	9.60 NTU	119.4 mV	18.20 ft	200.00 ml/min
8/18/2021 3:20 PM	10:00	5.84 pH	21.81 °C	200.46 µS/cm	0.44 mg/L	6.54 NTU	141.3 mV	18.20 ft	200.00 ml/min
8/18/2021 3:25 PM	15:00	5.84 pH	21.72 °C	198.50 µS/cm	0.27 mg/L	6.79 NTU	143.9 mV	18.20 ft	200.00 ml/min
8/18/2021 3:30 PM	20:00	5.83 pH	21.37 °C	193.23 µS/cm	0.25 mg/L	6.66 NTU	118.0 mV	18.20 ft	200.00 ml/min
8/18/2021 3:35 PM	25:00	5.85 pH	21.15 °C	201.25 µS/cm	0.33 mg/L	2.69 NTU	120.2 mV	18.20 ft	200.00 ml/min
8/18/2021 3:40 PM	30:00	5.87 pH	21.19 °C	222.15 µS/cm	0.43 mg/L	1.94 NTU	109.1 mV	18.20 ft	200.00 ml/min
8/18/2021 3:45 PM	35:00	5.89 pH	21.18 °C	232.76 µS/cm	0.47 mg/L	1.35 NTU	91.1 mV	18.20 ft	200.00 ml/min
8/18/2021 3:50 PM	40:00	5.89 pH	21.31 °C	237.60 µS/cm	0.36 mg/L	1.26 NTU	102.9 mV	18.20 ft	200.00 ml/min
8/18/2021 3:55 PM	45:00	5.90 pH	21.23 °C	237.47 µS/cm	0.43 mg/L	1.47 NTU	89.6 mV	18.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 11:38:24 AM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 15 ft Total Depth: 25.9 ft Initial Depth to Water: 7.83 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 20 ft Estimated Total Volume Pumped: 5250 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 2.97 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 1225. Sunny, 80 s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/19/2021 11:38 AM	00:00	6.41 pH	26.82 °C	678.58 µS/cm	1.97 mg/L	3.33 NTU	44.9 mV	7.83 ft	150.00 ml/min
8/19/2021 11:43 AM	05:00	6.38 pH	22.85 °C	707.43 µS/cm	0.44 mg/L	2.95 NTU	54.1 mV	9.00 ft	150.00 ml/min
8/19/2021 11:48 AM	10:00	6.38 pH	22.67 °C	707.86 µS/cm	0.28 mg/L	2.60 NTU	56.0 mV	9.90 ft	150.00 ml/min
8/19/2021 11:53 AM	15:00	6.38 pH	23.01 °C	706.39 µS/cm	0.34 mg/L	1.17 NTU	58.1 mV	9.50 ft	100.00 ml/min
8/19/2021 11:58 AM	20:00	6.38 pH	23.16 °C	701.12 µS/cm	0.41 mg/L	1.30 NTU	61.4 mV	9.90 ft	100.00 ml/min
8/19/2021 12:03 PM	25:00	6.38 pH	23.16 °C	697.91 µS/cm	0.23 mg/L	1.22 NTU	62.5 mV	10.30 ft	100.00 ml/min
8/19/2021 12:08 PM	30:00	6.38 pH	23.19 °C	698.26 µS/cm	0.22 mg/L	1.02 NTU	62.2 mV	10.50 ft	100.00 ml/min
8/19/2021 12:13 PM	35:00	6.38 pH	23.20 °C	694.49 µS/cm	0.21 mg/L	1.75 NTU	56.9 mV	10.60 ft	100.00 ml/min
8/19/2021 12:18 PM	40:00	6.38 pH	22.85 °C	686.97 µS/cm	0.21 mg/L	1.34 NTU	54.6 mV	10.70 ft	100.00 ml/min
8/19/2021 12:23 PM	45:00	6.38 pH	22.56 °C	696.35 µS/cm	0.21 mg/L	1.32 NTU	53.0 mV	10.80 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/20/2021 10:45:42 AM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 20.03 ft Initial Depth to Water: 9.2 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

79F rain. Collected at 1115.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/20/2021 10:45 AM	00:00	6.07 pH	21.52 °C	277.25 µS/cm	0.49 mg/L	1.48 NTU	106.2 mV	9.20 ft	200.00 ml/min
8/20/2021 10:50 AM	05:00	6.05 pH	21.62 °C	278.86 µS/cm	0.46 mg/L	1.89 NTU	123.6 mV	9.30 ft	200.00 ml/min
8/20/2021 10:55 AM	10:00	5.99 pH	21.79 °C	262.99 µS/cm	0.48 mg/L	1.42 NTU	88.8 mV	9.30 ft	200.00 ml/min
8/20/2021 11:00 AM	15:00	5.95 pH	21.78 °C	259.61 µS/cm	0.52 mg/L	1.25 NTU	89.2 mV	9.30 ft	200.00 ml/min
8/20/2021 11:05 AM	20:00	5.93 pH	21.74 °C	261.48 µS/cm	0.56 mg/L	0.94 NTU	90.9 mV	9.30 ft	200.00 ml/min
8/20/2021 11:10 AM	25:00	5.92 pH	21.78 °C	262.71 µS/cm	0.58 mg/L	1.37 NTU	93.4 mV	9.30 ft	200.00 ml/min
8/20/2021 11:15 AM	30:00	5.91 pH	21.82 °C	266.50 µS/cm	0.59 mg/L	1.37 NTU	95.3 mV	9.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 10:27:23 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 9 ft Total Depth: 19.41 ft Initial Depth to Water: 7.75 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 20 ft Pump Intake From TOC: 14 ft Estimated Total Volume Pumped: 5400 ml Flow Cell Volume: 90 ml Final Flow Rate: 180 ml/min Final Draw Down: 0.45 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1059, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/25/2021 10:27 AM	00:00	5.56 pH	26.12 °C	204.66 µS/cm	2.24 mg/L	30.50 NTU	34.0 mV	7.75 ft	180.00 ml/min
8/25/2021 10:32 AM	05:00	5.56 pH	23.66 °C	203.26 µS/cm	0.24 mg/L	10.70 NTU	24.4 mV	7.90 ft	180.00 ml/min
8/25/2021 10:37 AM	10:00	5.55 pH	23.80 °C	200.64 µS/cm	0.33 mg/L	3.07 NTU	12.9 mV	8.00 ft	180.00 ml/min
8/25/2021 10:42 AM	15:00	5.55 pH	23.64 °C	199.93 µS/cm	0.40 mg/L	2.42 NTU	-6.5 mV	8.10 ft	180.00 ml/min
8/25/2021 10:47 AM	20:00	5.56 pH	23.59 °C	199.40 µS/cm	0.34 mg/L	2.56 NTU	-15.5 mV	8.10 ft	180.00 ml/min
8/25/2021 10:52 AM	25:00	5.56 pH	23.66 °C	198.81 µS/cm	0.32 mg/L	1.88 NTU	-21.9 mV	8.10 ft	180.00 ml/min
8/25/2021 10:57 AM	30:00	5.55 pH	23.77 °C	197.77 µS/cm	0.28 mg/L	1.64 NTU	-26.1 mV	8.20 ft	180.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 12:57:28 PM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12 ft Total Depth: 22 ft Initial Depth to Water: 10.94 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 10500 ml Flow Cell Volume: 90 ml Final Flow Rate: 300 ml/min Final Draw Down: 6.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Well purged dry. No sample taken 8/19/21.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/19/2021 12:57 PM	00:00	6.31 pH	30.15 °C	250.63 µS/cm	2.60 mg/L	78.20 NTU	25.3 mV	10.94 ft	300.00 ml/min
8/19/2021 1:02 PM	05:00	6.25 pH	23.49 °C	251.65 µS/cm	0.29 mg/L	23.40 NTU	46.5 mV	12.30 ft	300.00 ml/min
8/19/2021 1:07 PM	10:00	6.25 pH	22.41 °C	252.25 µS/cm	0.20 mg/L	15.80 NTU	50.9 mV	12.80 ft	300.00 ml/min
8/19/2021 1:12 PM	15:00	6.25 pH	21.81 °C	253.29 µS/cm	0.20 mg/L	19.30 NTU	51.1 mV	13.50 ft	300.00 ml/min
8/19/2021 1:17 PM	20:00	6.24 pH	21.77 °C	253.45 µS/cm	0.20 mg/L	25.10 NTU	51.3 mV	14.10 ft	300.00 ml/min
8/19/2021 1:22 PM	25:00	6.21 pH	21.83 °C	252.00 µS/cm	0.26 mg/L	17.60 NTU	56.8 mV	15.20 ft	300.00 ml/min
8/19/2021 1:27 PM	30:00	6.10 pH	22.00 °C	248.57 µS/cm	0.44 mg/L	10.60 NTU	74.7 mV	16.30 ft	300.00 ml/min
8/19/2021 1:32 PM	35:00	5.98 pH	22.13 °C	241.14 µS/cm	0.48 mg/L	6.71 NTU	79.8 mV	17.40 ft	300.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/20/2021 11:35:30 AM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 12 ft Total Depth: 21.78 ft Initial Depth to Water: 11.14 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 5 liter Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 52 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

Well purged dry on 8/19/21.

82F cloudy. Sampled at 1225.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/20/2021 11:35 AM	00:00	6.05 pH	23.71 °C	264.62 µS/cm	7.45 mg/L	25.00 NTU	104.1 mV	11.14 ft	100.00 ml/min
8/20/2021 11:40 AM	05:00	6.14 pH	21.44 °C	214.13 µS/cm	1.66 mg/L	13.50 NTU	56.7 mV	11.90 ft	100.00 ml/min
8/20/2021 11:45 AM	10:00	6.14 pH	20.75 °C	214.64 µS/cm	1.46 mg/L	12.50 NTU	67.9 mV	12.80 ft	100.00 ml/min
8/20/2021 11:50 AM	15:00	6.13 pH	20.71 °C	214.48 µS/cm	1.53 mg/L	11.00 NTU	62.4 mV	13.00 ft	100.00 ml/min
8/20/2021 11:55 AM	20:00	6.10 pH	21.05 °C	213.17 µS/cm	1.67 mg/L	9.70 NTU	65.9 mV	13.80 ft	100.00 ml/min
8/20/2021 12:00 PM	25:00	6.05 pH	21.39 °C	209.81 µS/cm	1.76 mg/L	9.49 NTU	68.8 mV	13.90 ft	100.00 ml/min
8/20/2021 12:05 PM	30:00	5.91 pH	21.73 °C	194.96 µS/cm	1.96 mg/L	8.40 NTU	92.5 mV	14.30 ft	100.00 ml/min
8/20/2021 12:10 PM	35:00	5.83 pH	21.85 °C	188.40 µS/cm	2.25 mg/L	6.40 NTU	102.2 mV	14.80 ft	100.00 ml/min
8/20/2021 12:15 PM	40:00	5.74 pH	21.82 °C	177.85 µS/cm	2.61 mg/L	6.64 NTU	115.3 mV	15.60 ft	100.00 ml/min
8/20/2021 12:20 PM	45:00	5.69 pH	22.36 °C	173.34 µS/cm	2.70 mg/L	6.87 NTU	101.4 mV	15.90 ft	100.00 ml/min
8/20/2021 12:25 PM	50:00	5.68 pH	22.90 °C	174.42 µS/cm	2.73 mg/L	5.97 NTU	101.4 mV	16.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/23/2021 11:02:59 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8 ft Total Depth: 18.23 ft Initial Depth to Water: 6.77 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 18 ft Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 7000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.13 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1140, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/23/2021 11:02 AM	00:00	5.94 pH	26.35 °C	274.29 µS/cm	1.56 mg/L	0.44 NTU	3.9 mV	6.77 ft	200.00 ml/min
8/23/2021 11:07 AM	05:00	5.95 pH	24.77 °C	272.61 µS/cm	0.22 mg/L	1.38 NTU	-2.9 mV	6.80 ft	200.00 ml/min
8/23/2021 11:12 AM	10:00	5.97 pH	24.63 °C	275.80 µS/cm	0.16 mg/L	0.97 NTU	-14.7 mV	6.90 ft	200.00 ml/min
8/23/2021 11:17 AM	15:00	5.99 pH	24.58 °C	283.47 µS/cm	0.13 mg/L	1.09 NTU	-12.2 mV	6.90 ft	200.00 ml/min
8/23/2021 11:22 AM	20:00	6.00 pH	24.62 °C	289.76 µS/cm	0.11 mg/L	0.69 NTU	-24.8 mV	6.90 ft	200.00 ml/min
8/23/2021 11:27 AM	25:00	6.01 pH	24.63 °C	290.97 µS/cm	0.10 mg/L	0.55 NTU	-18.8 mV	6.90 ft	200.00 ml/min
8/23/2021 11:32 AM	30:00	6.02 pH	24.65 °C	292.91 µS/cm	0.09 mg/L	0.61 NTU	-20.6 mV	6.90 ft	200.00 ml/min
8/23/2021 11:37 AM	35:00	6.02 pH	24.62 °C	298.56 µS/cm	0.08 mg/L	0.65 NTU	-21.9 mV	6.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 2:26:31 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30 ft Total Depth: 40.63 ft Initial Depth to Water: 27.18 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 40 ft Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 1.72 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1458, cloudy, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 10	+/- 0.3	
8/19/2021 2:26 PM	00:00	7.22 pH	24.36 °C	347.61 µS/cm	1.95 mg/L	2.76 NTU	104.2 mV	27.18 ft	100.00 ml/min
8/19/2021 2:31 PM	05:00	7.24 pH	22.92 °C	351.12 µS/cm	1.65 mg/L	4.70 NTU	70.5 mV	28.20 ft	100.00 ml/min
8/19/2021 2:36 PM	10:00	7.25 pH	23.32 °C	353.66 µS/cm	1.75 mg/L	2.69 NTU	63.8 mV	28.40 ft	100.00 ml/min
8/19/2021 2:41 PM	15:00	7.25 pH	23.48 °C	347.52 µS/cm	1.69 mg/L	2.27 NTU	61.1 mV	28.50 ft	100.00 ml/min
8/19/2021 2:46 PM	20:00	7.25 pH	23.40 °C	346.49 µS/cm	1.66 mg/L	3.43 NTU	59.1 mV	28.70 ft	100.00 ml/min
8/19/2021 2:51 PM	25:00	7.26 pH	23.23 °C	347.13 µS/cm	1.71 mg/L	3.27 NTU	57.3 mV	28.80 ft	100.00 ml/min
8/19/2021 2:56 PM	30:00	7.26 pH	23.24 °C	339.38 µS/cm	1.56 mg/L	3.88 NTU	55.9 mV	28.90 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/23/2021 12:13:17 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 80 ft Total Depth: 90.42 ft Initial Depth to Water: 6.19 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 90 ft Pump Intake From TOC: 85 ft Estimated Total Volume Pumped: 6750 ml Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 0.11 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1245, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/23/2021 12:13 PM	00:00	6.83 pH	29.62 °C	60.00 µS/cm	6.13 mg/L	0.10 NTU	55.0 mV	6.19 ft	225.00 ml/min
8/23/2021 12:18 PM	05:00	6.60 pH	22.89 °C	56.55 µS/cm	2.77 mg/L	0.12 NTU	80.8 mV	6.30 ft	225.00 ml/min
8/23/2021 12:23 PM	10:00	6.58 pH	22.25 °C	56.21 µS/cm	2.72 mg/L	0.15 NTU	80.8 mV	6.30 ft	225.00 ml/min
8/23/2021 12:28 PM	15:00	6.55 pH	21.89 °C	55.80 µS/cm	2.82 mg/L	0.51 NTU	81.9 mV	6.30 ft	225.00 ml/min
8/23/2021 12:33 PM	20:00	6.53 pH	21.67 °C	55.68 µS/cm	3.10 mg/L	0.22 NTU	82.3 mV	6.30 ft	225.00 ml/min
8/23/2021 12:38 PM	25:00	6.53 pH	21.55 °C	56.01 µS/cm	3.22 mg/L	0.75 NTU	81.8 mV	6.30 ft	225.00 ml/min
8/23/2021 12:43 PM	30:00	6.52 pH	21.44 °C	55.79 µS/cm	3.29 mg/L	0.70 NTU	82.7 mV	6.30 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/23/2021 1:17:10 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 14 ft Total Depth: 24.55 ft Initial Depth to Water: 9.9 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 24 ft Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 9000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1403, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/23/2021 1:17 PM	00:00	5.59 pH	25.35 °C	485.15 µS/cm	0.67 mg/L	19.00 NTU	49.2 mV	9.90 ft	200.00 ml/min
8/23/2021 1:22 PM	05:00	5.56 pH	22.96 °C	493.57 µS/cm	0.23 mg/L	10.70 NTU	50.5 mV	10.00 ft	200.00 ml/min
8/23/2021 1:27 PM	10:00	5.54 pH	22.63 °C	478.38 µS/cm	0.19 mg/L	12.80 NTU	57.3 mV	10.00 ft	200.00 ml/min
8/23/2021 1:32 PM	15:00	5.52 pH	22.50 °C	464.21 µS/cm	0.18 mg/L	7.06 NTU	53.8 mV	10.00 ft	200.00 ml/min
8/23/2021 1:37 PM	20:00	5.51 pH	22.42 °C	448.30 µS/cm	0.16 mg/L	7.17 NTU	59.9 mV	10.00 ft	200.00 ml/min
8/23/2021 1:42 PM	25:00	5.47 pH	22.96 °C	414.82 µS/cm	0.15 mg/L	3.61 NTU	49.5 mV	10.00 ft	200.00 ml/min
8/23/2021 1:47 PM	30:00	5.49 pH	22.63 °C	415.59 µS/cm	0.14 mg/L	4.68 NTU	47.0 mV	10.00 ft	200.00 ml/min
8/23/2021 1:52 PM	35:00	5.48 pH	22.41 °C	430.16 µS/cm	0.13 mg/L	3.24 NTU	46.9 mV	10.00 ft	200.00 ml/min
8/23/2021 1:57 PM	40:00	5.48 pH	22.32 °C	440.04 µS/cm	0.12 mg/L	1.66 NTU	47.3 mV	10.00 ft	200.00 ml/min
8/23/2021 2:02 PM	45:00	5.48 pH	22.16 °C	448.45 µS/cm	0.12 mg/L	1.76 NTU	47.1 mV	10.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 10:43:31 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-15 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41 ft Total Depth: 51.06 ft Initial Depth to Water: 6.81 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 51 ft Pump Intake From TOC: 46 ft Estimated Total Volume Pumped: 6880 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1120, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/24/2021 10:43 AM	00:00	6.41 pH	24.40 °C	102.07 µS/cm	4.54 mg/L	2.26 NTU	167.1 mV	6.81 ft	200.00 ml/min
8/24/2021 10:47 AM	04:24	6.41 pH	21.31 °C	97.34 µS/cm	3.60 mg/L	2.78 NTU	140.7 mV	6.90 ft	200.00 ml/min
8/24/2021 10:52 AM	09:24	6.41 pH	20.78 °C	98.28 µS/cm	3.57 mg/L	2.23 NTU	119.6 mV	6.90 ft	200.00 ml/min
8/24/2021 10:57 AM	14:24	6.43 pH	20.77 °C	98.68 µS/cm	3.53 mg/L	0.95 NTU	113.8 mV	6.90 ft	200.00 ml/min
8/24/2021 11:02 AM	19:24	6.43 pH	20.73 °C	98.61 µS/cm	3.49 mg/L	1.55 NTU	111.5 mV	6.90 ft	200.00 ml/min
8/24/2021 11:07 AM	24:24	6.43 pH	20.20 °C	97.96 µS/cm	3.49 mg/L	1.51 NTU	109.1 mV	6.90 ft	200.00 ml/min
8/24/2021 11:12 AM	29:24	6.43 pH	20.10 °C	98.63 µS/cm	3.50 mg/L	0.98 NTU	107.0 mV	6.90 ft	200.00 ml/min
8/24/2021 11:17 AM	34:24	6.43 pH	19.97 °C	98.30 µS/cm	3.49 mg/L	1.18 NTU	106.0 mV	6.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/20/2021 10:20:40 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 16 ft Total Depth: 26.97 ft Initial Depth to Water: 10.21 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 26 ft Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 6000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1052, overcast,70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/20/2021 10:20 AM	00:00	5.97 pH	22.12 °C	91.75 µS/cm	3.47 mg/L	0.68 NTU	143.5 mV	10.21 ft	200.00 ml/min
8/20/2021 10:25 AM	05:00	5.97 pH	20.19 °C	91.77 µS/cm	3.06 mg/L	0.98 NTU	101.4 mV	10.30 ft	200.00 ml/min
8/20/2021 10:30 AM	10:00	5.97 pH	20.04 °C	91.74 µS/cm	3.03 mg/L	0.62 NTU	118.5 mV	10.30 ft	200.00 ml/min
8/20/2021 10:35 AM	15:00	5.98 pH	19.96 °C	91.74 µS/cm	3.01 mg/L	0.43 NTU	84.5 mV	10.30 ft	200.00 ml/min
8/20/2021 10:40 AM	20:00	5.98 pH	20.04 °C	91.81 µS/cm	2.98 mg/L	0.87 NTU	84.4 mV	10.30 ft	200.00 ml/min
8/20/2021 10:45 AM	25:00	5.98 pH	20.11 °C	92.28 µS/cm	2.94 mg/L	0.77 NTU	84.2 mV	10.30 ft	200.00 ml/min
8/20/2021 10:50 AM	30:00	5.98 pH	20.04 °C	92.64 µS/cm	2.93 mg/L	0.72 NTU	83.1 mV	10.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/20/2021 12:02:10 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-17 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 43 ft Total Depth: 53.34 ft Initial Depth to Water: 20.96 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 53 ft Pump Intake From TOC: 48 ft Estimated Total Volume Pumped: 5250 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.74 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1240, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/20/2021 12:02 PM	00:00	6.23 pH	25.53 °C	106.50 µS/cm	6.37 mg/L	0.63 NTU	120.3 mV	20.96 ft	150.00 ml/min
8/20/2021 12:07 PM	05:00	6.22 pH	21.71 °C	96.99 µS/cm	5.26 mg/L	0.60 NTU	125.7 mV	21.30 ft	150.00 ml/min
8/20/2021 12:12 PM	10:00	6.13 pH	21.31 °C	99.13 µS/cm	3.80 mg/L	0.65 NTU	86.9 mV	21.50 ft	150.00 ml/min
8/20/2021 12:17 PM	15:00	6.10 pH	21.71 °C	98.58 µS/cm	3.17 mg/L	0.29 NTU	82.9 mV	21.60 ft	150.00 ml/min
8/20/2021 12:22 PM	20:00	6.08 pH	21.35 °C	98.19 µS/cm	2.68 mg/L	0.23 NTU	81.6 mV	21.60 ft	150.00 ml/min
8/20/2021 12:27 PM	25:00	6.07 pH	21.26 °C	103.13 µS/cm	2.97 mg/L	0.23 NTU	81.6 mV	21.60 ft	150.00 ml/min
8/20/2021 12:32 PM	30:00	6.06 pH	21.56 °C	103.38 µS/cm	2.80 mg/L	0.62 NTU	81.5 mV	21.70 ft	150.00 ml/min
8/20/2021 12:37 PM	35:00	6.05 pH	21.93 °C	103.25 µS/cm	2.72 mg/L	0.69 NTU	81.6 mV	21.70 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 11:43:21 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 20 ft Total Depth: 30.51 ft Initial Depth to Water: 14.12 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 30 ft Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.08 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1215, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/24/2021 11:43 AM	00:00	5.94 pH	22.25 °C	95.90 µS/cm	2.80 mg/L	2.66 NTU	156.3 mV	14.12 ft	150.00 ml/min
8/24/2021 11:48 AM	05:00	5.90 pH	20.46 °C	97.87 µS/cm	0.72 mg/L	4.24 NTU	127.2 mV	14.20 ft	150.00 ml/min
8/24/2021 11:53 AM	10:00	5.90 pH	19.96 °C	97.80 µS/cm	0.59 mg/L	3.49 NTU	119.5 mV	14.20 ft	150.00 ml/min
8/24/2021 11:58 AM	15:00	5.90 pH	19.92 °C	98.46 µS/cm	0.53 mg/L	3.92 NTU	113.0 mV	14.20 ft	150.00 ml/min
8/24/2021 12:03 PM	20:00	5.90 pH	19.97 °C	97.57 µS/cm	0.46 mg/L	3.37 NTU	109.7 mV	14.20 ft	150.00 ml/min
8/24/2021 12:08 PM	25:00	5.90 pH	19.70 °C	97.80 µS/cm	0.44 mg/L	3.79 NTU	104.4 mV	14.20 ft	150.00 ml/min
8/24/2021 12:13 PM	30:00	5.90 pH	19.88 °C	97.96 µS/cm	0.43 mg/L	2.27 NTU	102.4 mV	14.20 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 12:37:08 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

<p>Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.56 ft Initial Depth to Water: 8.53 ft</p>	<p>Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 38 ft Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 8450 ml Flow Cell Volume: 90 ml Final Flow Rate: 130 ml/min Final Draw Down: 0.77 ft</p>	<p>Instrument Used: Aqua TROLL 400 Serial Number: 850762</p>
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Test Notes:

Collected at 1345, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/24/2021 12:37 PM	00:00	5.78 pH	23.03 °C	84.08 µS/cm	3.57 mg/L	15.70 NTU	147.7 mV	8.53 ft	130.00 ml/min
8/24/2021 12:42 PM	05:00	5.78 pH	21.00 °C	86.74 µS/cm	0.50 mg/L	12.00 NTU	110.1 mV	9.10 ft	130.00 ml/min
8/24/2021 12:47 PM	10:00	5.77 pH	20.82 °C	86.59 µS/cm	0.39 mg/L	9.68 NTU	99.8 mV	9.20 ft	130.00 ml/min
8/24/2021 12:52 PM	15:00	5.77 pH	20.59 °C	86.26 µS/cm	0.35 mg/L	8.21 NTU	95.5 mV	9.30 ft	130.00 ml/min
8/24/2021 12:57 PM	20:00	5.78 pH	20.47 °C	85.94 µS/cm	0.33 mg/L	6.35 NTU	92.6 mV	9.30 ft	130.00 ml/min
8/24/2021 1:02 PM	25:00	5.78 pH	20.64 °C	85.63 µS/cm	0.31 mg/L	6.66 NTU	90.7 mV	9.30 ft	130.00 ml/min
8/24/2021 1:07 PM	30:00	5.77 pH	20.93 °C	85.86 µS/cm	0.34 mg/L	6.03 NTU	90.1 mV	9.30 ft	130.00 ml/min
8/24/2021 1:12 PM	35:00	5.78 pH	21.12 °C	86.51 µS/cm	0.42 mg/L	6.79 NTU	90.0 mV	9.30 ft	130.00 ml/min
8/24/2021 1:17 PM	40:00	5.59 pH	21.17 °C	84.85 µS/cm	1.76 mg/L	7.35 NTU	130.4 mV	9.30 ft	130.00 ml/min
8/24/2021 1:22 PM	45:00	5.78 pH	20.83 °C	82.63 µS/cm	0.94 mg/L	7.10 NTU	95.7 mV	9.30 ft	130.00 ml/min
8/24/2021 1:27 PM	50:00	5.78 pH	20.38 °C	82.52 µS/cm	0.32 mg/L	5.49 NTU	117.4 mV	9.30 ft	130.00 ml/min
8/24/2021 1:32 PM	55:00	5.78 pH	20.23 °C	82.15 µS/cm	0.29 mg/L	5.54 NTU	88.7 mV	9.30 ft	130.00 ml/min
8/24/2021 1:37 PM	01:00:00	5.78 pH	20.66 °C	82.58 µS/cm	0.30 mg/L	4.92 NTU	86.2 mV	9.30 ft	130.00 ml/min
8/24/2021 1:42 PM	01:05:00	5.78 pH	20.77 °C	80.93 µS/cm	0.30 mg/L	4.87 NTU	112.0 mV	9.30 ft	130.00 ml/min

Low-Flow Test Report:

Test Date / Time: 8/24/2021 2:08:25 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 61 ft Total Depth: 71.08 ft Initial Depth to Water: 5.85 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 71 ft Pump Intake From TOC: 66 ft Estimated Total Volume Pumped: 8000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1450, FB-4 poured at 1451, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/24/2021 2:08 PM	00:00	6.41 pH	24.17 °C	104.09 µS/cm	4.72 mg/L	2.50 NTU	139.3 mV	5.85 ft	200.00 ml/min
8/24/2021 2:13 PM	05:00	6.42 pH	21.84 °C	106.70 µS/cm	3.90 mg/L	0.26 NTU	97.5 mV	5.90 ft	200.00 ml/min
8/24/2021 2:18 PM	10:00	6.39 pH	21.66 °C	107.13 µS/cm	3.69 mg/L	1.01 NTU	89.5 mV	5.90 ft	200.00 ml/min
8/24/2021 2:23 PM	15:00	6.20 pH	21.40 °C	107.16 µS/cm	1.18 mg/L	0.62 NTU	83.9 mV	5.90 ft	200.00 ml/min
8/24/2021 2:28 PM	20:00	6.18 pH	21.34 °C	106.61 µS/cm	0.87 mg/L	0.61 NTU	80.5 mV	5.90 ft	200.00 ml/min
8/24/2021 2:33 PM	25:00	6.17 pH	21.42 °C	107.32 µS/cm	0.64 mg/L	0.21 NTU	77.9 mV	5.90 ft	200.00 ml/min
8/24/2021 2:38 PM	30:00	6.16 pH	21.40 °C	107.27 µS/cm	0.49 mg/L	0.58 NTU	75.3 mV	5.90 ft	200.00 ml/min
8/24/2021 2:43 PM	35:00	6.16 pH	21.35 °C	106.86 µS/cm	0.40 mg/L	0.24 NTU	74.2 mV	5.90 ft	200.00 ml/min
8/24/2021 2:48 PM	40:00	6.17 pH	21.17 °C	106.74 µS/cm	0.36 mg/L	0.36 NTU	73.0 mV	5.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 1:02:30 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.3 ft Initial Depth to Water: 14.59 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 38 ft Pump Intake From TOC: 34 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 125 ml/min Final Draw Down: 2.01 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1335, Dup 2 collected here, raining, 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/19/2021 1:02 PM	00:00	5.52 pH	22.92 °C	94.40 µS/cm	1.05 mg/L	1.17 NTU	103.5 mV	14.59 ft	125.00 ml/min
8/19/2021 1:07 PM	05:00	5.56 pH	20.92 °C	90.58 µS/cm	0.28 mg/L	2.19 NTU	80.3 mV	15.80 ft	125.00 ml/min
8/19/2021 1:12 PM	10:00	5.55 pH	20.88 °C	91.59 µS/cm	0.24 mg/L	1.99 NTU	76.3 mV	16.10 ft	125.00 ml/min
8/19/2021 1:17 PM	15:00	5.55 pH	20.86 °C	91.23 µS/cm	0.24 mg/L	2.68 NTU	73.9 mV	16.30 ft	125.00 ml/min
8/19/2021 1:22 PM	20:00	5.54 pH	21.00 °C	91.23 µS/cm	0.22 mg/L	2.49 NTU	73.2 mV	16.50 ft	125.00 ml/min
8/19/2021 1:27 PM	25:00	5.54 pH	21.35 °C	90.84 µS/cm	0.28 mg/L	2.29 NTU	73.1 mV	16.60 ft	125.00 ml/min
8/19/2021 1:32 PM	30:00	5.54 pH	21.73 °C	89.73 µS/cm	0.27 mg/L	2.89 NTU	73.9 mV	16.60 ft	125.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 11:30:57 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 67 ft Total Depth: 77.15 ft Initial Depth to Water : 23.68 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 77 ft Pump Intake From TOC: 74 ft Estimated Total Volume Pumped: 8360 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 0.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1230, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/19/2021 11:30 AM	00:00	6.55 pH	21.57 °C	120.18 µS/cm	7.17 mg/L	1.64 NTU	110.1 mV	23.68 ft	150.00 ml/min
8/19/2021 11:35 AM	05:00	6.56 pH	20.87 °C	121.54 µS/cm	7.02 mg/L	1.50 NTU	100.8 mV	24.00 ft	150.00 ml/min
8/19/2021 11:36 AM	05:33	6.56 pH	20.85 °C	121.52 µS/cm	7.02 mg/L	1.50 NTU	118.1 mV	24.00 ft	150.00 ml/min
8/19/2021 11:41 AM	10:33	6.57 pH	20.51 °C	121.08 µS/cm	7.26 mg/L	1.51 NTU	95.8 mV	24.10 ft	150.00 ml/min
8/19/2021 11:46 AM	15:33	6.57 pH	20.46 °C	121.00 µS/cm	7.16 mg/L	0.75 NTU	93.7 mV	24.10 ft	150.00 ml/min
8/19/2021 11:51 AM	20:33	6.57 pH	20.42 °C	120.29 µS/cm	7.06 mg/L	0.63 NTU	92.0 mV	24.10 ft	150.00 ml/min
8/19/2021 11:56 AM	25:33	6.57 pH	20.50 °C	118.09 µS/cm	6.89 mg/L	0.52 NTU	91.0 mV	24.20 ft	150.00 ml/min
8/19/2021 12:01 PM	30:33	6.57 pH	20.49 °C	119.50 µS/cm	6.76 mg/L	0.59 NTU	90.2 mV	24.20 ft	150.00 ml/min
8/19/2021 12:06 PM	35:33	6.57 pH	20.24 °C	117.49 µS/cm	6.55 mg/L	0.54 NTU	89.5 mV	24.20 ft	150.00 ml/min
8/19/2021 12:11 PM	40:33	6.57 pH	20.29 °C	116.41 µS/cm	6.43 mg/L	0.55 NTU	88.6 mV	24.20 ft	150.00 ml/min
8/19/2021 12:16 PM	45:33	6.58 pH	20.40 °C	118.07 µS/cm	6.28 mg/L	0.51 NTU	87.8 mV	24.20 ft	150.00 ml/min
8/19/2021 12:21 PM	50:33	6.58 pH	20.53 °C	118.21 µS/cm	6.07 mg/L	0.90 NTU	87.2 mV	24.20 ft	150.00 ml/min
8/19/2021 12:21 PM	50:42	6.58 pH	20.54 °C	118.12 µS/cm	6.05 mg/L	0.90 NTU	96.4 mV	24.20 ft	150.00 ml/min
8/19/2021 12:26 PM	55:44	6.58 pH	20.28 °C	116.23 µS/cm	5.95 mg/L	0.98 NTU	85.1 mV	24.20 ft	150.00 ml/min

Low-Flow Test Report:

Test Date / Time: 8/23/2021 12:10:10 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-23 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 58 ft Total Depth: 68.05 ft Initial Depth to Water: 35.17 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 63 ft Estimated Total Volume Pumped: 4.4 liter Flow Cell Volume: 90 ml Final Flow Rate: 175 ml/min Final Draw Down: 19 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

86 F clear. Sampled at 1235.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/23/2021 12:10 PM	00:00	5.96 pH	21.32 °C	56.05 µS/cm	4.72 mg/L	8.27 NTU	153.0 mV	36.00 ft	175.00 ml/min
8/23/2021 12:15 PM	05:00	5.92 pH	20.73 °C	50.22 µS/cm	4.73 mg/L	8.11 NTU	129.1 mV	36.90 ft	175.00 ml/min
8/23/2021 12:20 PM	10:00	5.90 pH	20.49 °C	49.39 µS/cm	4.69 mg/L	2.64 NTU	122.9 mV	36.90 ft	175.00 ml/min
8/23/2021 12:25 PM	15:00	5.91 pH	20.53 °C	49.17 µS/cm	4.68 mg/L	2.48 NTU	118.8 mV	36.90 ft	175.00 ml/min
8/23/2021 12:30 PM	20:00	5.92 pH	20.45 °C	48.91 µS/cm	4.64 mg/L	3.17 NTU	115.4 mV	36.90 ft	175.00 ml/min
8/23/2021 12:35 PM	25:00	5.90 pH	20.44 °C	48.89 µS/cm	4.63 mg/L	2.45 NTU	114.3 mV	36.90 ft	175.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 10:45:36 AM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-24 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.05 ft Total Depth: 51.05 ft Initial Depth to Water: 41.65 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 46 ft Estimated Total Volume Pumped: 18.75 liter Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 20 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

85F cloudy. Sampled at 1145. Total purge time: 125 mins.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/19/2021 10:45 AM	00:00	9.51 pH	29.68 °C	13,992 µS/cm	7.38 mg/L	5.99 NTU	222.5 mV	41.70 ft	150.00 ml/min
8/19/2021 10:50 AM	05:00	5.30 pH	23.82 °C	45.83 µS/cm	6.12 mg/L	5.37 NTU	174.0 mV	41.80 ft	150.00 ml/min
8/19/2021 10:55 AM	10:00	5.12 pH	23.25 °C	31.55 µS/cm	6.21 mg/L	5.06 NTU	174.9 mV	41.90 ft	150.00 ml/min
8/19/2021 11:00 AM	15:00	5.08 pH	23.48 °C	30.89 µS/cm	6.20 mg/L	4.37 NTU	174.6 mV	42.00 ft	150.00 ml/min
8/19/2021 11:05 AM	20:00	5.09 pH	23.30 °C	30.59 µS/cm	6.13 mg/L	2.81 NTU	170.3 mV	42.10 ft	150.00 ml/min
8/19/2021 11:10 AM	25:00	5.09 pH	22.83 °C	30.83 µS/cm	6.14 mg/L	2.16 NTU	165.3 mV	42.20 ft	150.00 ml/min
8/19/2021 11:15 AM	30:00	5.09 pH	23.03 °C	31.16 µS/cm	6.17 mg/L	1.82 NTU	161.7 mV	42.30 ft	150.00 ml/min
8/19/2021 11:20 AM	35:00	5.10 pH	24.16 °C	31.43 µS/cm	6.15 mg/L	1.33 NTU	160.1 mV	42.40 ft	150.00 ml/min
8/19/2021 11:25 AM	40:00	5.10 pH	23.46 °C	31.07 µS/cm	6.07 mg/L	1.70 NTU	156.4 mV	42.50 ft	150.00 ml/min
8/19/2021 11:30 AM	45:00	5.10 pH	23.81 °C	31.25 µS/cm	6.16 mg/L	1.22 NTU	154.5 mV	42.70 ft	150.00 ml/min
8/19/2021 11:35 AM	50:00	5.11 pH	24.69 °C	30.96 µS/cm	6.06 mg/L	0.99 NTU	154.7 mV	42.70 ft	150.00 ml/min
8/19/2021 11:40 AM	55:00	5.10 pH	24.74 °C	31.00 µS/cm	6.04 mg/L	1.60 NTU	153.7 mV	42.80 ft	150.00 ml/min
8/19/2021 11:45 AM	01:00:00	5.10 pH	25.24 °C	31.24 µS/cm	6.01 mg/L	1.63 NTU	153.4 mV	42.80 ft	150.00 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 8/19/2021 12:30:17 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-25 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 51.23 ft Total Depth: 60.23 ft Initial Depth to Water: 50.03 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 56 ft Estimated Total Volume Pumped: 6.9 liter Flow Cell Volume: 90 ml Final Flow Rate: 235 ml/min Final Draw Down: 19 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

85F light rain. Sampled at 1325. Total purge time: 85 min.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/19/2021 12:30 PM	00:00	6.02 pH	20.53 °C	91.52 µS/cm	5.27 mg/L	6.43 NTU	140.9 mV	50.60 ft	235.00 ml/min
8/19/2021 12:35 PM	05:00	5.90 pH	19.12 °C	90.63 µS/cm	6.06 mg/L	2.44 NTU	113.7 mV	50.80 ft	235.00 ml/min
8/19/2021 12:40 PM	10:00	5.91 pH	18.83 °C	88.25 µS/cm	5.84 mg/L	1.54 NTU	105.0 mV	51.00 ft	235.00 ml/min
8/19/2021 12:45 PM	15:00	6.10 pH	18.69 °C	93.97 µS/cm	4.95 mg/L	1.44 NTU	95.5 mV	51.20 ft	235.00 ml/min
8/19/2021 12:50 PM	20:00	6.05 pH	18.62 °C	90.04 µS/cm	4.97 mg/L	3.32 NTU	95.1 mV	51.40 ft	235.00 ml/min
8/19/2021 12:55 PM	25:00	5.97 pH	18.84 °C	84.33 µS/cm	5.13 mg/L	2.87 NTU	96.4 mV	51.50 ft	235.00 ml/min
8/19/2021 1:00 PM	30:00	5.96 pH	19.95 °C	83.96 µS/cm	7.07 mg/L	4.04 NTU	100.7 mV	51.60 ft	235.00 ml/min
8/19/2021 1:05 PM	35:00	5.99 pH	20.37 °C	84.21 µS/cm	6.94 mg/L	1.84 NTU	100.2 mV	51.70 ft	235.00 ml/min
8/19/2021 1:10 PM	40:00	5.97 pH	20.31 °C	84.23 µS/cm	7.02 mg/L	1.79 NTU	101.1 mV	51.70 ft	235.00 ml/min
8/19/2021 1:15 PM	45:00	5.95 pH	20.56 °C	84.11 µS/cm	7.17 mg/L	2.39 NTU	101.9 mV	51.80 ft	235.00 ml/min
8/19/2021 1:20 PM	50:00	5.98 pH	20.84 °C	83.67 µS/cm	7.17 mg/L	1.48 NTU	100.7 mV	51.80 ft	235.00 ml/min
8/19/2021 1:25 PM	55:00	5.97 pH	20.78 °C	83.35 µS/cm	6.87 mg/L	1.90 NTU	99.8 mV	51.80 ft	235.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/19/2021 1:55:06 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-26 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 49.4 ft Total Depth: 59.4 ft Initial Depth to Water: 28.72 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 54 ft Estimated Total Volume Pumped: 2.5 liter Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 20 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

86F rain. Sampled at 1420.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/19/2021 1:55 PM	00:00	5.88 pH	20.48 °C	52.40 µS/cm	7.04 mg/L	1.12 NTU	141.6 mV	28.72 ft	100.00 ml/min
8/19/2021 2:00 PM	05:00	5.92 pH	19.80 °C	52.12 µS/cm	7.26 mg/L	0.86 NTU	105.4 mV	29.40 ft	100.00 ml/min
8/19/2021 2:05 PM	10:00	5.85 pH	19.60 °C	51.55 µS/cm	7.19 mg/L	1.09 NTU	102.6 mV	30.20 ft	100.00 ml/min
8/19/2021 2:10 PM	15:00	5.78 pH	19.37 °C	50.38 µS/cm	7.03 mg/L	1.70 NTU	103.1 mV	30.40 ft	100.00 ml/min
8/19/2021 2:15 PM	20:00	5.73 pH	19.60 °C	50.12 µS/cm	7.05 mg/L	0.63 NTU	104.0 mV	30.40 ft	100.00 ml/min
8/19/2021 2:20 PM	25:00	5.69 pH	20.12 °C	49.21 µS/cm	7.06 mg/L	0.67 NTU	105.7 mV	30.40 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/23/2021 1:25:03 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-27 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 60 ft Total Depth: 70.08 ft Initial Depth to Water: 43.29 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 65 ft Estimated Total Volume Pumped: 3 liter Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 30 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

89F clear. Collected at 1355.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/23/2021 1:25 PM	00:00	5.30 pH	22.25 °C	30.80 µS/cm	2.09 mg/L	2.39 NTU	170.7 mV	43.29 ft	100.00 ml/min
8/23/2021 1:30 PM	05:00	5.29 pH	21.91 °C	31.31 µS/cm	2.06 mg/L	3.90 NTU	138.0 mV	44.50 ft	100.00 ml/min
8/23/2021 1:35 PM	10:00	5.31 pH	21.50 °C	33.14 µS/cm	2.58 mg/L	2.80 NTU	128.3 mV	45.80 ft	100.00 ml/min
8/23/2021 1:40 PM	15:00	5.33 pH	22.38 °C	34.52 µS/cm	2.82 mg/L	1.60 NTU	188.3 mV	45.80 ft	100.00 ml/min
8/23/2021 1:45 PM	20:00	5.35 pH	22.18 °C	35.84 µS/cm	3.01 mg/L	1.04 NTU	132.0 mV	45.80 ft	100.00 ml/min
8/23/2021 1:50 PM	25:00	5.35 pH	21.77 °C	35.55 µS/cm	3.09 mg/L	2.54 NTU	123.7 mV	45.80 ft	100.00 ml/min
8/23/2021 1:55 PM	30:00	5.35 pH	21.87 °C	36.11 µS/cm	3.12 mg/L	2.04 NTU	121.4 mV	45.80 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/16/2021 12:50:05 PM

Project: Plant Wansley Landfill

Operator Name: Ryan Walker

Location Name: GWA-28 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 35 ft Total Depth: 45.78 ft Initial Depth to Water: 25.11 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Pump Intake From TOC: 40 ft Estimated Total Volume Pumped: 7270 ml Flow Cell Volume: 90 ml Final Flow Rate: 100 ml/min Final Draw Down: 4.49 ft	Instrument Used: SmarTROLL MP Serial Number: 597519
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Test Notes:

Collected samples at 1402 on 8-16-21. Cloudy, 80 s.

Weather Conditions:

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	+/- 5	
8/16/2021 12:50 PM	00:00	5.77 pH	29.62 °C	90.47 µS/cm	6.94 mg/L	0.67 NTU	511.3 mV	25.11 ft	150.00 ml/min
8/16/2021 12:55 PM	05:00	6.19 pH	23.07 °C	59.14 µS/cm	6.72 mg/L	0.71 NTU	672.9 mV	25.90 ft	100.00 ml/min
8/16/2021 12:55 PM	05:12	6.21 pH	22.93 °C	59.23 µS/cm	6.72 mg/L	0.71 NTU	666.4 mV	25.90 ft	100.00 ml/min
8/16/2021 1:00 PM	10:12	6.22 pH	20.98 °C	61.70 µS/cm	6.43 mg/L	1.69 NTU	688.2 mV	26.60 ft	100.00 ml/min
8/16/2021 1:05 PM	15:12	6.24 pH	21.08 °C	61.50 µS/cm	6.40 mg/L	0.72 NTU	696.7 mV	27.00 ft	100.00 ml/min
8/16/2021 1:10 PM	20:12	6.26 pH	21.12 °C	61.76 µS/cm	6.38 mg/L	0.45 NTU	701.8 mV	27.50 ft	100.00 ml/min
8/16/2021 1:15 PM	25:12	6.28 pH	21.24 °C	61.44 µS/cm	6.35 mg/L	0.30 NTU	704.9 mV	27.90 ft	100.00 ml/min
8/16/2021 1:20 PM	30:12	6.22 pH	21.24 °C	63.10 µS/cm	6.94 mg/L	0.48 NTU	706.4 mV	28.10 ft	100.00 ml/min
8/16/2021 1:25 PM	35:12	6.42 pH	22.98 °C	64.33 µS/cm	7.66 mg/L	1.40 NTU	690.6 mV	28.30 ft	100.00 ml/min
8/16/2021 1:30 PM	40:12	6.25 pH	22.00 °C	61.44 µS/cm	6.59 mg/L	1.67 NTU	719.8 mV	28.50 ft	100.00 ml/min
8/16/2021 1:35 PM	45:12	6.25 pH	21.86 °C	61.47 µS/cm	6.33 mg/L	2.07 NTU	729.1 mV	28.70 ft	100.00 ml/min
8/16/2021 1:40 PM	50:12	6.24 pH	21.91 °C	60.66 µS/cm	6.16 mg/L	1.40 NTU	735.1 mV	29.10 ft	100.00 ml/min
8/16/2021 1:45 PM	55:12	6.22 pH	21.91 °C	60.75 µS/cm	6.28 mg/L	1.03 NTU	745.4 mV	29.30 ft	100.00 ml/min

8/16/2021 1:50 PM	01:00:12	6.19 pH	22.06 °C	61.04 µS/cm	6.23 mg/L	0.80 NTU	763.4 mV	29.40 ft	100.00 ml/min
8/16/2021 1:55 PM	01:05:12	6.19 pH	22.12 °C	60.90 µS/cm	6.30 mg/L	0.77 NTU	754.4 mV	29.50 ft	100.00 ml/min
8/16/2021 2:00 PM	01:10:12	6.21 pH	22.27 °C	61.10 µS/cm	6.29 mg/L	0.62 NTU	757.7 mV	29.60 ft	100.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/18/2021 1:05:07 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWA-29 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.13 ft Total Depth: 57.13 ft Initial Depth to Water: 44.58 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 52 ft Estimated Total Volume Pumped: 16 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

Clear 88F. Sampled at 1425.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/18/2021 1:05 PM	00:00	6.42 pH	29.94 °C	0.00 µS/cm	7.23 mg/L	38.00 NTU	111.1 mV	44.60 ft	200.00 ml/min
8/18/2021 1:10 PM	05:00	7.07 pH	22.83 °C	28.91 µS/cm	9.32 mg/L	39.00 NTU	169.4 mV	44.58 ft	200.00 ml/min
8/18/2021 1:15 PM	10:00	6.12 pH	26.01 °C	74.57 µS/cm	6.30 mg/L	40.00 NTU	223.4 mV	44.60 ft	200.00 ml/min
8/18/2021 1:20 PM	15:00	5.86 pH	20.75 °C	71.95 µS/cm	5.28 mg/L	37.00 NTU	193.7 mV	44.60 ft	200.00 ml/min
8/18/2021 1:25 PM	20:00	5.85 pH	19.77 °C	72.55 µS/cm	5.22 mg/L	36.00 NTU	187.5 mV	44.60 ft	200.00 ml/min
8/18/2021 1:30 PM	25:00	5.82 pH	19.71 °C	72.92 µS/cm	5.14 mg/L	30.00 NTU	188.4 mV	44.60 ft	200.00 ml/min
8/18/2021 1:35 PM	30:00	5.81 pH	19.61 °C	72.37 µS/cm	5.06 mg/L	27.00 NTU	189.0 mV	44.60 ft	200.00 ml/min
8/18/2021 1:40 PM	35:00	5.82 pH	19.56 °C	72.98 µS/cm	5.05 mg/L	18.00 NTU	186.9 mV	44.60 ft	200.00 ml/min
8/18/2021 1:45 PM	40:00	5.81 pH	19.68 °C	72.39 µS/cm	5.05 mg/L	14.00 NTU	184.9 mV	44.60 ft	200.00 ml/min
8/18/2021 1:50 PM	45:00	5.80 pH	19.78 °C	71.88 µS/cm	5.11 mg/L	12.00 NTU	185.2 mV	44.60 ft	200.00 ml/min
8/18/2021 1:55 PM	50:00	5.81 pH	19.83 °C	71.72 µS/cm	5.15 mg/L	10.00 NTU	184.3 mV	44.60 ft	200.00 ml/min
8/18/2021 2:00 PM	55:00	5.78 pH	19.81 °C	71.08 µS/cm	5.17 mg/L	9.40 NTU	184.8 mV	44.60 ft	200.00 ml/min
8/18/2021 2:05 PM	01:00:00	5.80 pH	19.83 °C	71.19 µS/cm	5.17 mg/L	8.74 NTU	183.4 mV	44.60 ft	200.00 ml/min
8/18/2021 2:10 PM	01:05:00	5.80 pH	19.72 °C	70.64 µS/cm	5.21 mg/L	7.61 NTU	182.8 mV	44.60 ft	200.00 ml/min
8/18/2021 2:15 PM	01:10:00	5.79 pH	19.28 °C	70.07 µS/cm	5.21 mg/L	7.30 NTU	183.1 mV	44.60 ft	200.00 ml/min

8/18/2021 2:20 PM	01:15:00	5.79 pH	19.77 °C	69.98 µS/cm	5.22 mg/L	6.25 NTU	182.1 mV	44.60 ft	200.00 ml/min
8/18/2021 2:25 PM	01:20:00	5.79 pH	19.50 °C	70.12 µS/cm	5.21 mg/L	4.95 NTU	205.2 mV	44.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/23/2021 2:44:17 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-30 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 34 ft Total Depth: 44.58 ft Initial Depth to Water: 27.98 ft	Pump Type: Peristaltic Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 44 ft Pump Intake From TOC: 39 ft Estimated Total Volume Pumped: 3750 ml Flow Cell Volume: 90 ml Final Flow Rate: 125 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1516, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/23/2021 2:44 PM	00:00	5.98 pH	26.12 °C	50.11 µS/cm	6.45 mg/L	5.58 NTU	106.1 mV	27.98 ft	125.00 ml/min
8/23/2021 2:49 PM	05:00	5.93 pH	21.80 °C	52.24 µS/cm	6.93 mg/L	6.22 NTU	114.3 mV	28.00 ft	125.00 ml/min
8/23/2021 2:54 PM	10:00	5.96 pH	21.42 °C	52.52 µS/cm	7.04 mg/L	4.94 NTU	109.2 mV	28.00 ft	125.00 ml/min
8/23/2021 2:59 PM	15:00	6.01 pH	21.58 °C	53.02 µS/cm	7.00 mg/L	4.04 NTU	103.2 mV	28.00 ft	125.00 ml/min
8/23/2021 3:04 PM	20:00	5.98 pH	21.84 °C	54.07 µS/cm	6.91 mg/L	4.44 NTU	109.8 mV	28.00 ft	125.00 ml/min
8/23/2021 3:09 PM	25:00	5.97 pH	21.83 °C	53.55 µS/cm	6.87 mg/L	4.12 NTU	109.7 mV	28.00 ft	125.00 ml/min
8/23/2021 3:14 PM	30:00	5.96 pH	21.67 °C	53.84 µS/cm	6.81 mg/L	2.70 NTU	109.8 mV	28.00 ft	125.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 2:35:27 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.02 ft Initial Depth to Water: 30.60 ft	Pump Type: Bladder Pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 4.4 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

Well purged dry, no sample collected.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/24/2021 2:35 PM	00:00	6.19 pH	23.80 °C	119.77 µS/cm	5.08 mg/L	13.00 NTU	132.5 mV	30.60 ft	150.00 ml/min
8/24/2021 2:40 PM	05:00	6.20 pH	21.33 °C	120.12 µS/cm	5.11 mg/L	6.58 NTU	106.4 mV	31.50 ft	150.00 ml/min
8/24/2021 2:45 PM	10:00	6.20 pH	20.71 °C	121.04 µS/cm	5.26 mg/L	6.92 NTU	104.9 mV	32.20 ft	150.00 ml/min
8/24/2021 2:50 PM	15:00	6.19 pH	20.42 °C	119.40 µS/cm	5.62 mg/L	11.70 NTU	103.7 mV	33.20 ft	150.00 ml/min
8/24/2021 2:55 PM	20:00	6.18 pH	20.44 °C	119.22 µS/cm	5.50 mg/L	10.20 NTU	103.4 mV	34.00 ft	150.00 ml/min
8/24/2021 3:00 PM	25:00	6.20 pH	20.14 °C	119.37 µS/cm	5.43 mg/L	8.52 NTU	101.8 mV	34.60 ft	150.00 ml/min
8/24/2021 3:05 PM	30:00	6.20 pH	19.68 °C	120.78 µS/cm	5.07 mg/L	5.94 NTU	102.9 mV	35.50 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 11:28:34 AM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: GWC-31 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 28 ft Total Depth: 38.02 ft Initial Depth to Water: 34.7 ft	Pump Type: Bladder Pump Tubing Type: Poly Tubing Inner Diameter: 0.17 in Tubing Length: 38 ft Pump Intake From TOC: 33 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 90 ml Final Flow Rate: 150 ml/min Final Draw Down: 1.1 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Well purged dry on 8/24/21.

Collected at 1153, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
8/25/2021 11:28 AM	00:00	6.18 pH	31.03 °C	118.98 µS/cm	6.35 mg/L	4.13 NTU	67.4 mV	34.70 ft	150.00 ml/min
8/25/2021 11:33 AM	05:00	6.04 pH	24.77 °C	123.89 µS/cm	5.75 mg/L	11.90 NTU	91.7 mV	35.20 ft	150.00 ml/min
8/25/2021 11:38 AM	10:00	6.02 pH	24.50 °C	123.77 µS/cm	5.84 mg/L	12.50 NTU	96.8 mV	35.60 ft	150.00 ml/min
8/25/2021 11:43 AM	15:00	6.01 pH	24.69 °C	121.02 µS/cm	5.99 mg/L	11.30 NTU	99.5 mV	35.70 ft	150.00 ml/min
8/25/2021 11:48 AM	20:00	6.01 pH	25.52 °C	121.23 µS/cm	5.93 mg/L	9.64 NTU	99.5 mV	35.80 ft	150.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 1:35:12 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-32 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21 ft Total Depth: 31.05 ft Initial Depth to Water: 25.04 ft	Pump Type: Peri. Pump Tubing Type: Poly Pump Intake From TOC: 28 ft Estimated Total Volume Pumped: 11 liter Flow Cell Volume: 90 ml Final Flow Rate: 220 ml/min Final Draw Down: 19 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

91F clear. Collected at 1408. Total purge time: 50 mins.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/24/2021 1:35 PM	00:00	6.17 pH	26.79 °C	95.18 µS/cm	5.93 mg/L	5.87 NTU	115.6 mV	25.04 ft	220.00 ml/min
8/24/2021 1:40 PM	05:00	6.14 pH	23.62 °C	97.89 µS/cm	6.95 mg/L	2.58 NTU	108.8 mV	25.80 ft	220.00 ml/min
8/24/2021 1:45 PM	10:00	6.14 pH	22.58 °C	97.78 µS/cm	7.15 mg/L	0.73 NTU	106.7 mV	26.00 ft	220.00 ml/min
8/24/2021 1:50 PM	15:00	6.13 pH	22.63 °C	97.71 µS/cm	7.20 mg/L	0.79 NTU	107.2 mV	26.30 ft	220.00 ml/min
8/24/2021 1:55 PM	20:00	6.13 pH	22.11 °C	100.76 µS/cm	7.35 mg/L	0.75 NTU	104.2 mV	26.50 ft	220.00 ml/min
8/24/2021 1:58 PM	23:26	6.13 pH	22.90 °C	101.14 µS/cm	6.84 mg/L	0.72 NTU	146.9 mV	26.60 ft	220.00 ml/min
8/24/2021 2:03 PM	28:26	6.12 pH	23.21 °C	101.99 µS/cm	6.74 mg/L	1.90 NTU	103.3 mV	26.70 ft	220.00 ml/min
8/24/2021 2:08 PM	33:26	6.12 pH	23.51 °C	102.86 µS/cm	6.49 mg/L	0.71 NTU	103.0 mV	26.80 ft	220.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 12:15:09 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-33 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 13.99 ft Total Depth: 23.99 ft Initial Depth to Water: 13.55 ft	Pump Type: Peri. Pump Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 19 liter Flow Cell Volume: 90 ml Final Flow Rate: 240 ml/min Final Draw Down: 25 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

90F clear. Collected at 1310. Total purge time: 80 mins.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/24/2021 12:15 PM	00:00	6.73 pH	25.80 °C	0.00 µS/cm	8.06 mg/L	8.72 NTU	53.1 mV	13.55 ft	240.00 ml/min
8/24/2021 12:20 PM	05:00	6.40 pH	30.18 °C	158.29 µS/cm	7.27 mg/L	4.41 NTU	132.1 mV	13.70 ft	240.00 ml/min
8/24/2021 12:25 PM	10:00	6.43 pH	26.74 °C	152.91 µS/cm	6.85 mg/L	3.54 NTU	112.8 mV	14.00 ft	240.00 ml/min
8/24/2021 12:30 PM	15:00	6.43 pH	25.87 °C	154.45 µS/cm	6.93 mg/L	1.99 NTU	106.7 mV	14.40 ft	240.00 ml/min
8/24/2021 12:35 PM	20:00	6.42 pH	25.39 °C	153.11 µS/cm	6.94 mg/L	0.97 NTU	148.3 mV	14.60 ft	240.00 ml/min
8/24/2021 12:40 PM	25:00	6.41 pH	24.45 °C	153.01 µS/cm	6.92 mg/L	1.21 NTU	100.9 mV	14.80 ft	240.00 ml/min
8/24/2021 12:45 PM	30:00	6.40 pH	24.88 °C	147.70 µS/cm	6.92 mg/L	1.68 NTU	144.3 mV	15.00 ft	240.00 ml/min
8/24/2021 12:50 PM	35:00	6.39 pH	24.88 °C	152.20 µS/cm	6.83 mg/L	0.82 NTU	144.5 mV	15.10 ft	240.00 ml/min
8/24/2021 12:55 PM	40:00	6.38 pH	25.15 °C	150.88 µS/cm	6.75 mg/L	0.68 NTU	144.0 mV	15.30 ft	240.00 ml/min
8/24/2021 1:00 PM	45:00	6.39 pH	24.75 °C	142.40 µS/cm	6.75 mg/L	0.90 NTU	144.2 mV	15.40 ft	240.00 ml/min
8/24/2021 1:05 PM	50:00	6.35 pH	25.06 °C	145.31 µS/cm	6.53 mg/L	0.73 NTU	144.5 mV	15.50 ft	240.00 ml/min
8/24/2021 1:10 PM	55:00	6.32 pH	25.03 °C	143.80 µS/cm	6.50 mg/L	0.68 NTU	145.3 mV	15.60 ft	240.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/24/2021 11:20:10 AM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-34 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.25 ft Total Depth: 51.25 ft Initial Depth to Water: 4.65 ft	Pump Type: Peri. Pump Tubing Type: Poly Pump Intake From TOC: 46 ft Estimated Total Volume Pumped: 6.75 liter Flow Cell Volume: 90 ml Final Flow Rate: 225 ml/min Final Draw Down: 2 in	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

88F clear. Collected at 1150.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/24/2021 11:20 AM	00:00	9.41 pH	28.41 °C	14,315 µS/cm	7.96 mg/L	1.77 NTU	223.8 mV	4.65 ft	225.00 ml/min
8/24/2021 11:25 AM	05:00	6.91 pH	24.90 °C	99.63 µS/cm	4.28 mg/L	1.00 NTU	149.2 mV	4.80 ft	225.00 ml/min
8/24/2021 11:30 AM	10:00	5.92 pH	20.58 °C	55.51 µS/cm	2.32 mg/L	0.74 NTU	167.6 mV	4.80 ft	225.00 ml/min
8/24/2021 11:35 AM	15:00	5.91 pH	20.31 °C	51.61 µS/cm	2.47 mg/L	0.73 NTU	111.4 mV	4.90 ft	225.00 ml/min
8/24/2021 11:40 AM	20:00	5.90 pH	20.35 °C	51.41 µS/cm	2.55 mg/L	1.23 NTU	107.0 mV	4.90 ft	225.00 ml/min
8/24/2021 11:45 AM	25:00	5.93 pH	20.26 °C	51.00 µS/cm	2.61 mg/L	1.28 NTU	103.2 mV	4.90 ft	225.00 ml/min
8/24/2021 11:50 AM	30:00	5.93 pH	20.20 °C	50.87 µS/cm	2.68 mg/L	1.31 NTU	101.3 mV	4.90 ft	225.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/18/2021 3:15:12 PM

Project: Plant Wansley - Landfill

Operator Name: O. Fuquea

Location Name: GWC-35 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 30.78 ft Total Depth: 40.78 ft Initial Depth to Water: 5.82 ft	Pump Type: Peri. Pump Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 7.5 liter Flow Cell Volume: 90 ml Final Flow Rate: 250 ml/min Final Draw Down: 2.48 ft	Instrument Used: Aqua TROLL 400 Serial Number: 714293
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Test Notes:

89F cloudy. Sampled at 1545.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 100	+/- 0.3	
8/18/2021 3:15 PM	00:00	5.80 pH	21.33 °C	56.20 µS/cm	0.74 mg/L	13.20 NTU	153.8 mV	6.70 ft	250.00 ml/min
8/18/2021 3:20 PM	05:00	5.66 pH	21.05 °C	49.49 µS/cm	1.33 mg/L	10.00 NTU	159.7 mV	7.40 ft	250.00 ml/min
8/18/2021 3:25 PM	10:00	5.58 pH	20.92 °C	46.12 µS/cm	1.83 mg/L	5.89 NTU	193.4 mV	7.90 ft	250.00 ml/min
8/18/2021 3:30 PM	15:00	5.55 pH	20.55 °C	45.11 µS/cm	2.02 mg/L	3.52 NTU	164.8 mV	8.10 ft	250.00 ml/min
8/18/2021 3:35 PM	20:00	5.54 pH	20.40 °C	44.71 µS/cm	2.08 mg/L	2.15 NTU	162.8 mV	8.10 ft	250.00 ml/min
8/18/2021 3:40 PM	25:00	5.53 pH	20.49 °C	44.24 µS/cm	2.09 mg/L	2.81 NTU	161.1 mV	8.30 ft	250.00 ml/min
8/18/2021 3:45 PM	30:00	5.53 pH	20.35 °C	44.50 µS/cm	2.09 mg/L	2.70 NTU	159.7 mV	8.30 ft	250.00 ml/min

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 2:42:03 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWA-1	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1443, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10
8/25/2021 2:42 PM	00:00	7.01 pH	30.69 °C	54.12 µS/cm	6.93 mg/L	7.56 NTU	118.8 mV
8/25/2021 2:43 PM	01:00	6.98 pH	30.57 °C	55.65 µS/cm	7.04 mg/L	7.56 NTU	99.8 mV

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 1:07:36 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWA-6	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1308, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10
8/25/2021 1:07 PM	00:00	6.97 pH	29.96 °C	126.20 µS/cm	6.77 mg/L	2.34 NTU	62.5 mV
8/25/2021 1:08 PM	01:00	6.98 pH	29.13 °C	128.74 µS/cm	7.00 mg/L	2.34 NTU	52.3 mV

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 2:11:15 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-3	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1212, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10
8/25/2021 2:11 PM	00:00	6.09 pH	29.78 °C	533.10 µS/cm	2.87 mg/L	27.30 NTU	-38.8 mV
8/25/2021 2:12 PM	01:00	6.09 pH	29.78 °C	537.37 µS/cm	2.54 mg/L	27.30 NTU	-37.8 mV

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 12:47:46 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-5	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1249, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10
8/25/2021 12:47 PM	00:00	5.81 pH	31.14 °C	183.38 µS/cm	8.26 mg/L	2.12 NTU	54.3 mV
8/25/2021 12:48 PM	00:39	5.81 pH	30.92 °C	186.78 µS/cm	8.44 mg/L	2.12 NTU	57.3 mV
8/25/2021 12:49 PM	01:39	5.81 pH	30.93 °C	190.10 µS/cm	8.68 mg/L	2.12 NTU	49.3 mV

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/25/2021 1:48:43 PM

Project: Plant Wansley - Landfill

Operator Name: Toby Johnson

Location Name: SWC-7	Flow Cell Volume: 90 ml	Instrument Used: Aqua TROLL 400 Serial Number: 850762
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Test Notes:

Collected at 1349, sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10
8/25/2021 1:48 PM	00:00	6.98 pH	28.82 °C	115.60 µS/cm	7.12 mg/L	6.80 NTU	68.4 mV
8/25/2021 1:49 PM	01:00	6.98 pH	28.92 °C	115.67 µS/cm	7.11 mg/L	6.80 NTU	78.0 mV

Samples

Sample ID:	Description:
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Low-Flow Test Report:

Test Date / Time: 8/26/2021 4:51:12 PM

Project: Plant Wansley - Landfill

Operator Name: H Auld

Location Name: Effluent Unit 1	Pump Type: Container Tubing Type: Poly Estimated Total Volume Pumped: 0 ml Flow Cell Volume: 90 ml Final Flow Rate: 0 ml/min	Instrument Used: Aqua TROLL 400 Serial Number: 714344
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Test Notes:

Sampled at 1655 on 8-26-21. Sunny 80s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 10	
8/26/2021 4:51 PM	00:00	7.03 pH	38.47 °C	17,721 µS/cm	6.57 mg/L		289.9 mV		0.00 ml/min
8/26/2021 4:53 PM	02:00	7.09 pH	40.21 °C	17,096 µS/cm	5.74 mg/L	1,000.00 NTU	304.0 mV		0.00 ml/min

Samples

Sample ID:	Description:
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Daily Instrument Calibration Log

SITE: WANSLEY - LF
 TECHNICIAN: O. FUQUA
 WATER LEVEL: SOUTHWEST M/01
 WATER LEVEL S/N: 327814

INSTRUMENT S/N: 714293
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS:
 ID: COND LOT #: 160949 EXP. DATE: 4/22
 ID: PH 4 LOT #: 160680 EXP. DATE: 4/23
 ID: PH 7 LOT #: 16F007 EXP. DATE: 6/23
 ID: PH 10 LOT #: 16F958 EXP. DATE: 6/23
 ID: ORP LOT #: 16F945 EXP. DATE: 3/22

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

Calibration Date: 8/18/21
 RDO: 100% sat. = 102.37
 PH: 4.00 = 4.08 7.00 = 7.02 10.00 = 9.90
 PH Recal (if needed): 4.00 = 4.08 7.00 = 7.02 10.00 = 9.90
 CONDUCTIVITY: 1532 = 1532
 ORP (mV) 201.9 = 201.9

Midday pH check
 7.0 = 7.05
 7.0 = post recal check

Calibration Date: 8/19/21
 RDO: 100% sat. = 99.99
 PH: 4.00 = 3.98 7.00 = 7.04 10.00 = 10.04
 PH Recal (if needed): 4.00 = 3.98 7.00 = 7.04 10.00 = 10.04
 CONDUCTIVITY: 12745 = 1445
 ORP (mV) 211 = 211

Midday pH check
 7.0 = 7.08
 7.0 = post recal check

Calibration Date: 8/20/21
 RDO: 100% sat. = 101.43
 PH: 4.00 = 4.04 7.00 = 7.04 10.00 = 10.02
 PH Recal (if needed): 4.00 = 4.04 7.00 = 7.04 10.00 = 10.02
 CONDUCTIVITY: 1362 = 1362
 ORP (mV) 234 = 228

Midday pH check
 7.0 = 7.03
 7.0 = post recal check

Calibration Date: 8/23/21
 RDO: 100% sat. = 102.22
 PH: 4.00 = 4.03 7.00 = 6.99 10.00 = 9.95
 PH Recal (if needed): 4.00 = 4.03 7.00 = 6.99 10.00 = 9.95
 CONDUCTIVITY: 1423 = 1423
 ORP (mV) 225 = 228

Midday pH check
 7.0 = 7.06
 7.0 = post recal check

Calibration Date: 8/24/21
 RDO: 100% sat. = 97.26
 PH: 4.00 = 3.99 7.00 = 6.96 10.00 = 10.00
 PH Recal (if needed): 4.00 = 3.99 7.00 = 6.96 10.00 = 10.00
 CONDUCTIVITY: 1404 = 1404
 ORP (mV) 224 = 228

Midday pH check
 7.0 = 7.04
 7.0 = post recal check



Daily Instrument Calibration Log

SITE: Plant Wansley
TECHNICIAN: O. FUQUA

INSTRUMENT S/N: 19010C073360
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # _____ EXP. DATE: _____
10 NTU - LOT # A0226 EXP. DATE: 11-21
20 NTU - LOT # A0231 EXP. DATE: 11-21

Calibration Date: 8/18/21

Calibration Solution	Instrument Reading	
0.0	<u>0.04</u>	NTU
10.0	<u>9.98</u>	NTU
20.0	<u>19.92</u>	NTU

Calibration Date: 8/19/21

Calibration Solution	Instrument Reading	
0.0	<u>0.03</u>	NTU
10.0	<u>9.92</u>	NTU
20.0	<u>19.90</u>	NTU

Calibration Date: 8/20/21

Calibration Solution	Instrument Reading	
0.0	<u>0.8</u>	NTU
10.0	<u>9.99</u>	NTU
20.0	<u>19.91</u>	NTU

Calibration Date: 8/23/21

Calibration Solution	Instrument Reading	
0.0	<u>0.09</u>	NTU
10.0	<u>9.92</u>	NTU
20.0	<u>19.8</u>	NTU

Calibration Date: 8/24/21

Calibration Solution	Instrument Reading	
0.0	<u>0.01</u>	NTU
10.0	<u>9.97</u>	NTU
20.0	<u>19.80</u>	NTU

Calibration Date: _____

Calibration Solution	Instrument Reading	
0.0	_____	NTU
10.0	_____	NTU
20.0	_____	NTU



Daily Instrument Calibration Log

SITE: Plant Wansley
 TECHNICIAN: Kyan Walker
 WATER LEVEL: Solnic
 WATER LEVEL S/N: 201298

INSTRUMENT S/N: 597519 / 714344
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS:
 ID: PH4/len LOT #: 20440103 EXP. DATE: 02/22
 ID: PH7 LOT #: 19450117 EXP. DATE: 02/22
 ID: PH10 LOT #: 21010067 EXP. DATE: 02/22
 ID: 050 LOT #: 21140141 EXP. DATE: 08/22
 ID: _____ LOT #: _____ EXP. DATE: _____ Midday pH check
 ID: _____ LOT #: _____ EXP. DATE: _____ Must be less than .10
 ID: _____ LOT #: _____ EXP. DATE: _____ (6.90-7.10 range)

Recalibrate if not within range

Calibration Date: 8-16-21
 RDO: 100% sat. = 104.68 Midday pH check
 PH: 4.00 = 3.95 7.00 = 6.96 10.00 = 9.89 7.0 = 7.06
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 4490 = 4893
 ORP (mV) 228 = 224.5

597519

Calibration Date: 8-18-21
 RDO: 100% sat. = 97.04 Midday pH check
 PH: 4.00 = 4.21 7.00 = 7.12 10.00 = 10.01 7.0 = 7.09
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 4490 = 3982
 ORP (mV) 228 = 214.7

714344

Calibration Date: 8-19-21
 RDO: 100% sat. = 99.29 Midday pH check
 PH: 4.00 = 4.00 7.00 = 7.00 10.00 = 9.97 7.0 = 7.07
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 4490 = 4406
 ORP (mV) 228 = 219.9

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

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





Daily Instrument Calibration Log

SITE: Plant Wansley
TECHNICIAN: Ryan Walker
INSTRUMENT S/N: 190100073360
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # DJ EXP. DATE: New
10 NTU - LOT # A0226 EXP. DATE: 11/21
20 NTU - LOT # A0231 EXP. DATE: 11/21

Calibration Date: 8-16-21

Calibration Solution	Instrument Reading	
0.0	0.08	NTU
10.0	9.92	NTU
20.0	20.6	NTU

Calibration Date: 8-18-21

Calibration Solution	Instrument Reading	
0.0	0.15	NTU
10.0	9.67	NTU
20.0	19.3	NTU

Calibration Date: 8-19-21

Calibration Solution	Instrument Reading	
0.0	0.18	NTU
10.0	9.73	NTU
20.0	20.3	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU



Daily Instrument Calibration Log

SITE: Plant Wansley
 TECHNICIAN: Toby Johnson
 WATER LEVEL: Solinst
 WATER LEVEL S/N: 322101

INSTRUMENT S/N: 850762
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS: ID: ORP LOT #: 21140141 EXP. DATE: 8/2022
 ID: pH 10 LOT #: 21080189 EXP. DATE: 8/2022
 ID: pH 7 LOT #: 21010066 EXP. DATE: 8/2022
 ID: pH 4 LOT #: 16-D680 EXP. DATE: 4/2023
 ID: conductivity LOT #: 16-D949 EXP. DATE: 4/2022

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

Calibration Date: 8/19/21

RDO: 100% sat. = 103.88
 PH: 4.00 = 4.36 7.00 = 7.14 10.00 = 10.01
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 $\mu S/cm = 1,413.4 \mu S/cm$
 ORP (mV) +228 = 220.8
226.68

Midday pH check
7.0 = 7.02

Calibration Date: 8/20/2021

RDO: 100% sat. = 105.28
 PH: 4.00 = 3.99 7.00 = 7.02 10.00 = 9.98
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1408.9 1463.4
 ORP (mV) 231.51 = 235.4

Midday pH check
7.0 = 7.01

Calibration Date: 8/23/2021

RDO: 100% sat. = 97.35
 PH: 4.00 = 4.06 7.00 = 6.97 10.00 = 9.81 9.77
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1351.9
 ORP (mV) 228.77 = 224.5

Midday pH check
7.0 = 7.01

Calibration Date: 8/24/2021

RDO: 100% sat. = 99.14
 PH: 4.00 = 3.96 7.00 = 7.01 10.00 = 10.07
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1461.8
 ORP (mV) 228.14 = 225.9

Midday pH check
7.0 = 6.99

Calibration Date: 8/25/2021

RDO: 100% sat. = 107.19
 PH: 4.00 = 4.04 7.00 = 7.03 10.00 = 9.98
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: 1413 = 1327.6
 ORP (mV) 229.11 = 233.1

Midday pH check
7.0 = 7.02



Daily Instrument Calibration Log

SITE: Plant Wansley
 TECHNICIAN: Toby Johnson
 WATER LEVEL: Saline
 WATER LEVEL S/N: 322101

INSTRUMENT S/N: 850762
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS:
 ID: ORP LOT #: 2114014 EXP. DATE: 8/2022
 ID: pH10 LOT #: 21080189 EXP. DATE: 8/2022
 ID: pH7 LOT #: 21010066 EXP. DATE: 8/2022
 ID: pH4 LOT #: 16-D680 EXP. DATE: 4/2023
 ID: Conductivity LOT #: 16-D949 EXP. DATE: 4/2022
 ID: _____ LOT #: _____ EXP. DATE: _____
 ID: _____ LOT #: _____ EXP. DATE: _____

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

Calibration Date: 8/26/2021

RDO: 100% sat. = 100.73 Midday pH check
 PH: 4.00 = 4.01 7.00 = 6.98 10.00 = 10.00 7.0 = 7.02
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 1413 = 1445.8
 ORP (mV) 230.71 = 230.9

Calibration Date:

RDO: 100% sat. = _____ Midday pH check
 PH: 4.00 = _____ 7.00 = _____ 10.00 = 10. 7.0 = _____
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: _____ = _____
 ORP (mV) 230.71 = 230.9

Calibration Date:

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

Calibration Date:

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

Calibration Date:

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



Daily Instrument Calibration Log

SITE: Plant Wansley
TECHNICIAN: Toby Johnson
INSTRUMENT S/N: 17010C055429
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # A0 P.I. EXP. DATE: New
10 NTU - LOT # A0164 EXP. DATE: 9/21
20 NTU - LOT # A0167 EXP. DATE: 9/21

Calibration Date: 8/19/2021

Calibration Solution	Instrument Reading	
0.0	0.31	NTU
10.0	10.3	NTU
20.0	20.0	NTU

Calibration Date: 8/20/2021

Calibration Solution	Instrument Reading	
0.0	0.30	NTU
10.0	10.0	NTU
20.0	19.9	NTU

Calibration Date: 8/23/2021

Calibration Solution	Instrument Reading	
0.0	0.00	NTU
10.0	9.34	NTU
20.0	20.8	NTU

Calibration Date: 8/24/2021

Calibration Solution	Instrument Reading	
0.0	0.13	NTU
10.0	9.25	NTU
20.0	20.9	NTU

Calibration Date: 8/25/2021

Calibration Solution	Instrument Reading	
0.0	0.21	NTU
10.0	9.29	NTU
20.0	19.9	NTU

Calibration Date: 8/26/2021

Calibration Solution	Instrument Reading	
0.0	0.59	NTU
10.0	9.78	NTU
20.0	19.7	NTU

**Plant Wansley Landfill
August 2021 Well Inspection Form**



1 - Location/Identification		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



3 - Surface Pad

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



4 - Internal Well Casing

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
August 2021 Well Inspection Form**



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

	GWA-1	GWA-2	GWA-3	GWA-4	GWA-28	GWA-29	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s): Completed the week of Sept 13th 2021

Staff: T. Johnson
Date: 8/16/2021

- GWA-3: Backfilled under pad
- GWA-29: Fixed all 3 loose bollards.
- GWC-6: Cleaned off grass overgrowth from top of pad, did not see any undercutting.
- GWC-10: Fixed 2 loose bollard

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



1 - Location/Identification

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



3 - Surface Pad

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



4 - Internal Well Casing

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
August 2021 Well Inspection Form**



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

	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s): Completed the week of Sept 13th 2021

Staff: T. Johnson

GWC-13: Pumped hydraulic cement under the pad, place small amount of gravel around the pad.

Date: 8/16/2021

GWC-15: Removed cracked pad and replaced by pouring new pad.

GWC-16: Fixed loose bollard and straightened all 4, added weep hole.

GWC-17: Fixed loose bollard and straightened 2 others.

GWC-21: Fixed loose bollard and straightened 2 others, patched the edge of the pad with concrete and added dirt around the pad.

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



1 - Location/Identification

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the well visible and accessible?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the well properly identified with the correct well ID?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well require protection from traffic?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

2 - Protective Outer Casing

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the protective casing free from apparent damage?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of degradation or deterioration?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the casing have a functioning weep hole?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the annular space between casings filled with pea gravel or sand?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the well locked, and is the lock in good working condition?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



3 - Surface Pad

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Is the well pad in good condition? (Not cracked or broken)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Does the well pad provide adequate surface seal and stability to the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Is the well pad in complete contact with the protective casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the pad surface clean? (Not covered by soil or debris)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

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

**Plant Wansley Landfill
August 2021 Well Inspection Form**



4 - Internal Well Casing

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Does the well cap prevent entry of foreign material into the well?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
c	Does the well have a venting hole near the top of casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
d	Is the survey point clearly marked on the inner casing?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
e	Is the depth of the well consistent with the original well log?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
a	Does the well recharge adequately when purged?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

NOTE: N/A - Not Applicable; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

**Plant Wansley Landfill
August 2021 Well Inspection Form**



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

	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27	GWC-29	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

7 - Corrective actions completed and date(s): Completed the week of Sept 13th 2021

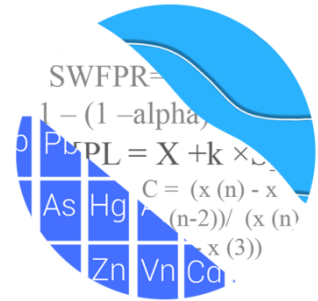
GWA-34: Cleaned up debris from around riser, inside of protective cover

Staff: T. Johnson
Date: 8/16/2021

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

APPENDIX B
STATISTICAL ANALYSIS REPORT

GROUNDWATER STATS CONSULTING



August 24, 2021

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

Re: Plant Wansley Landfill -
March 2021 Statistical Analysis

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the March 2021 Semi-Annual Groundwater Monitoring Statistical summary of the 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 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 USEPA Unified Guidance (2009).

Sampling began for the CCR program in 2016, and sampling for 16 parameters in accordance with the Georgia EPD's Solid Waste Permit began in 2011. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling for Appendix III constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations; and all available data are screened in this report.

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

- **Upgradient 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

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

The following constituents were evaluated:

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

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of Appendix I well/constituent pairs with 100% nondetects follows this letter.

Time series plots for Appendix 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 nondetects. 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. For example, the reporting limit for cobalt in wells GWA-28 and GWC-33 decreased from <0.0025 mg/L to <0.001 and the reporting limit

for zinc in wells GWA-1 and GWC-33 decreased from <0.02 mg/L to <0.005 mg/L. Substitution of the most recent reporting limit generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

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 to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-3 resample plan (all 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 nondetects, 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% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for nondetects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% nondetects.

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

Two-Step Statistical Analysis

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

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

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. The 1-of-3 plan allows collection of up to two samples. 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 resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

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

Background Screening Summary – Georgia EPD Appendix I – Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population.

Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

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

Of the outliers identified by Tukey's method, several values were flagged in the database, and the remaining values were similar to other measurements within a given well or neighboring wells or were reported nondetects. Several other values were flagged in addition to those identified by Tukey's because the values were higher than all remaining concentrations and would cause the statistical limits to be elevated. A summary of all flagged values is included in Figure C.

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

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

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

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The required adjustments to the background data are performed by truncating data at the beginning of the record and the truncated data may be seen in a lighter font on the prediction limit data pages.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments.

Exceptions to this include cobalt and nickel in downgradient well GWC-14 which have higher reported measurements than those reported historically for this well and are higher than those observed upgradient of the facility. Therefore, trend tests are currently used in lieu of prediction limits. An alternate source demonstration has been, reportedly, prepared and demonstrates that the concentration levels of these constituents are not a result of practices of the facility. During the next semi-annual statistical analysis, these data will be evaluated for the purpose of resuming the use of prediction limits.

Determination of Spatial Variation

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

The ANOVA identified statistical differences among the residual means or medians of the upgradient well data for the following constituents: barium, beryllium, cadmium, cobalt, copper, nickel, silver and zinc. No differences were noted for antimony, arsenic, chromium,

mercury, selenium, thallium and vanadium. The ANOVA could not test lead as the upgradient well data had no variation.

Because this is a lined landfill with pre-waste data are available that show metals were present naturally in low level detections during the collection of background data, intrawell prediction limits are recommended as the most appropriate statistical analysis at this landfill, except for the cases discussed above. It was also noted that for some constituents the reported concentrations were higher in upgradient wells which would result in limits that would not readily detect subtle changes in concentrations in downgradient wells.

Background Update Summary – CCR Appendix III – Conducted in March 2020

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate data through September 2019. Tukey's test was used on all wells for intrawell parameters and for only the upgradient wells for interwell parameters. While Tukey's test identified several outliers, only the most extreme values were flagged as such in the database because a number of the values appeared to be representative of natural variation in both upgradient and downgradient wells. Other values, not identified by Tukey's test, were identified visually and flagged in order to obtain statistical limits that will be conservative (lower) from a regulatory perspective.

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.

For constituents requiring intrawell prediction limits (pH, sulfate and TDS), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2017 to the new compliance samples at each well through September 2019. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. Statistically significant differences were found for pH in downgradient well GWC-8 and sulfate in downgradient wells GWC-33, GWC-5, GWC-7, and GWC-9.

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. However, in all but one of the cases mentioned above, recent concentrations are similar to or lower (similar in the case of pH) than those noted in upgradient and

neighboring wells. Therefore, these records were updated to include newer measurements through September 2019. The exception is sulfate at GWC-5 which has a higher median in the more recent data. Concentrations, however, at this well are lower than those reported in one of the upgradient wells. Because this is a lined landfill and there are limited samples available, it is assumed that the more recent concentrations represent present-day groundwater quality conditions rather than resulting from practices at the landfill. Therefore, to reduce the variation in the background data set, the most recent 8 samples through September 2019 were used to construct the intrawell prediction limit at this well. The adjusted background period is shown in the attached date range table. All data will be re-evaluated during the next background update. A list of well/constituent pairs using a truncated portion of their records follows this letter.

Statistical Analysis of Georgia EPD Appendix I Constituents – March 2021

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

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

Intrawell prediction limits, combined with a 1-of-3 resample plan, were constructed using all available data, except for the cases mentioned above, within each well with detections through June 2018 (Figure D). Compliance data are compared to these intrawell background limits during each subsequent semi-annual sampling event. As previously discussed, trend tests were used in lieu of prediction limits for cobalt and nickel in downgradient well GWC-14. Additionally, no statistical analyses were included for well/constituent pairs with 100% nondetects.

In the event of an initial exceedance of compliance well data, the 1-of-3 resample plan allows for collection of two additional samples to determine whether the initial

exceedance is confirmed. When both resamples confirm the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of the Georgia EPD prediction limits follows this report. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWC-12, GWC-14, GWC-19, GWC-21
- Chromium: GWA-29 (upgradient), GWC-8, GWC-9, and GWC-12
- Copper: GWA-3 (upgradient)
- Vanadium: GWA-29 (upgradient)
- Zinc: GWA-4 (upgradient), GWC-14, and GWC-30

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the initial intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure E). The reported measurements of the aforementioned well/constituent pairs were within the respective interwell prediction limits except for barium in downgradient well GWC-14 which the March 2021 sample of 0.26 mg/L exceeded the established limit of 0.18 mg/L. Therefore, this well/constituent pair would require further research to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source).

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site. Statistically significant trends were identified for the following well/constituent pairs:

Increasing:

- Barium: GWA-4 (upgradient), GWC-12, GWC-14, GWC-19, and GWC-21
- Zinc: GWC-14

Decreasing:

- Cobalt: GWA-2 (upgradient)
- Nickel: GWA-1 (upgradient), GWA-2 (upgradient), and GWA-29 (upgradient)

Although the trend for cobalt in upgradient well GWA-2 was noted as a significant trend, the slope of the trend is zero which represents the median slope and indicates relatively stable concentrations and a large number of nondetect values. A summary of the trend test results follows this letter (Figure F). Note that in several cases the Sen Slopes are calculated as zero due to a large number of nondetects throughout the record. The (fewer) detected values are often below the reporting limit. The trends for cobalt and nickel in well GWC-14 were not significant.

Statistical Analysis of CCR Appendix III Parameters – March 2021

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 there are statistically significant increases (SSIs).

For sulfate, pH, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through September 2019, except for the case of sulfate in well GWC-5 (Figure G). Exceedances were noted for the following well/constituent pairs:

- pH: GWA-29 (upgradient) and GWC-30
- Sulfate: GWC-12

Following the two-step analysis procedure as mentioned above, interwell prediction limits were also constructed using pooled upgradient well data to evaluate the initial intrawell prediction limit exceedances (Figure H). No interwell prediction limit exceedances were noted; therefore, no statistically significant increase (SSI) is identified, and no further action is necessary.

For boron, calcium, chloride, and fluoride which are evaluated using all historical upgradient well data through March 2021 to construct interwell prediction limits combined with a 1-of-2 resample plan, the following exceedances were noted (Figure I):

- Boron: GWC-14
- Chloride: GWC-14

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure J). 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 natural variability in groundwater unrelated to practices at the site. Statistically significant trends were identified for the following well/constituent pairs:

Increasing:

- Chloride: GWA-3 (upgradient)
- Sulfate: GWC-12

Decreasing:

- pH: GWA-28 (upgradient) and GWA-3 (upgradient)

When significant trends are noted upgradient of the facility, it is an indication that groundwater concentrations are naturally changing over time. A summary of the trend test results follows this letter.

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 T. Collins
Project Manager

100% Non-Detects: Appendix I

Analysis Run 5/7/2021 3:21 PM View: Appendix I
Plant Wansley Client: Southern Company Data: Wansley Landfill

Antimony (mg/L)

GWA-1, GWA-4, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, GWC-19, GWC-20, GWC-21, GWC-34, GWC-35, GWC-7, GWC-8, GWC-9

Arsenic (mg/L)

GWC-10, GWC-15, GWC-27, GWC-30

Beryllium (mg/L)

GWA-4, GWC-10, GWC-13, GWC-5, GWC-7

Cadmium (mg/L)

GWA-2, GWA-28, GWA-4, GWC-10, GWC-12, GWC-13, GWC-15, GWC-16, GWC-17, GWC-18, GWC-19, GWC-20, GWC-23, GWC-26, GWC-27, GWC-30, GWC-31, GWC-32, GWC-33, GWC-34, GWC-35, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt (mg/L)

GWA-28, GWC-13, GWC-17, GWC-18, GWC-30

Copper (mg/L)

GWA-1, GWA-4, GWC-18, GWC-19, GWC-30, GWC-32, GWC-7

Lead (mg/L)

GWA-1, GWA-4, GWC-13, GWC-14, GWC-16, GWC-32, GWC-35, GWC-6, GWC-7

Nickel (mg/L)

GWC-30

Selenium (mg/L)

GWA-2, GWA-3, GWC-10, GWC-17, GWC-19, GWC-20, GWC-23, GWC-24, GWC-34, GWC-7

Silver (mg/L)

GWA-1, GWA-2, GWA-28, GWA-3, GWA-4, GWC-13, GWC-15, GWC-18, GWC-19, GWC-20, GWC-30, GWC-34, GWC-35, GWC-7, GWC-8, GWC-9

Thallium (mg/L)

GWA-28, GWA-29, GWA-3, GWC-10, GWC-16, GWC-17, GWC-18, GWC-26, GWC-32, GWC-5

Date Ranges

Date: 4/27/2021 11:28 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

Cobalt (mg/L)

GWC-14 overall:8/7/2017-3/18/2021

Nickel (mg/L)

GWC-14 overall:8/7/2017-3/18/2021

Sulfate as SO4 (mg/L)

GWC-5 background:5/1/2017-9/17/2019

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-12	0.02403	n/a	3/16/2021	0.026	Yes	23	0.01566	0.004138	0	None	No	0.0001135	Param Intra	1 of 3
Barium (mg/L)	GWC-14	0.117	n/a	3/17/2021	0.26	Yes	19	n/a	n/a	5.263	n/a	n/a	0.0006785	NP Intra (normality)	1 of 3
Barium (mg/L)	GWC-19	0.1138	n/a	3/17/2021	0.12	Yes	23	0.06187	0.02567	4.348	None	No	0.0001135	Param Intra	1 of 3
Barium (mg/L)	GWC-21	0.0348	n/a	3/16/2021	0.061	Yes	23	0.0203	0.007161	0	None	No	0.0001135	Param Intra	1 of 3
Chromium (mg/L)	GWA-29	0.002	n/a	3/15/2021	0.021	Yes	20	n/a	n/a	90	n/a	n/a	0.0005627	NP Intra (NDs)	1 of 3
Chromium (mg/L)	GWC-12	0.002	n/a	3/16/2021	0.0022	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs)	1 of 3
Chromium (mg/L)	GWC-8	0.002	n/a	3/16/2021	0.0027	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs)	1 of 3
Chromium (mg/L)	GWC-9	0.0029	n/a	3/16/2021	0.0073	Yes	23	n/a	n/a	47.83	n/a	n/a	0.0004078	NP Intra (normality)	1 of 3
Copper (mg/L)	GWA-3	0.002	n/a	3/15/2021	0.0031	Yes	5	n/a	n/a	80	n/a	n/a	0.01896	NP Intra (NDs)	1 of 3
Vanadium (mg/L)	GWA-29	0.0014	n/a	3/15/2021	0.0017	Yes	16	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs)	1 of 3
Zinc (mg/L)	GWA-4	0.014	n/a	3/15/2021	0.044	Yes	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs)	1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	3/17/2021	0.014	Yes	16	0.0662	0.02159	18.75	Kaplan-Meiersqrt(x)	0.0001135	Param Intra	1 of 3	
Zinc (mg/L)	GWC-30	0.009	n/a	3/18/2021	0.078	Yes	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs)	1 of 3

Appendix I - Intra Well Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-33	0.0052	n/a	3/18/2021	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-34	0.0055	n/a	3/16/2021	0.001ND	No	16	n/a	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-35	0.0026	n/a	3/16/2021	0.001ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-5	0.006406	n/a	3/17/2021	0.0025	No	16	0.003438	0.001338	0.001338	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Vanadium (mg/L)	GWC-6	0.0064	n/a	3/17/2021	0.001ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-7	0.0057	n/a	3/16/2021	0.0025	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-8	0.0038	n/a	3/16/2021	0.0014	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-9	0.0025	n/a	3/16/2021	0.0011	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWA-1	0.008523	n/a	3/15/2021	0.005ND	No	16	0.004931	0.001619	0.001619	12.5	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-2	0.007539	n/a	3/15/2021	0.005ND	No	16	0.004549	0.001348	0.001348	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-28	0.02	n/a	3/15/2021	0.0057	No	16	n/a	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWA-29	0.05409	n/a	3/15/2021	0.024	No	16	0.03144	0.01021	0.01021	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-3	0.1074	n/a	3/15/2021	0.015	No	5	0.01588	0.014	0.014	40	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-4	0.014	n/a	3/15/2021	0.044	Yes	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-10	0.02	n/a	3/18/2021	0.004J	No	5	n/a	n/a	n/a	80	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-11	0.008	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.0087	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-13	0.005	n/a	3/17/2021	0.0039J	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	3/17/2021	0.014	Yes	16	0.0662	0.02159	0.02159	18.75	Kaplan-Meiersqrt(x)	0.0001135	Param Intra 1 of 3	
Zinc (mg/L)	GWC-15	0.005	n/a	3/18/2021	0.005ND	No	16	n/a	n/a	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-16	0.0081	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-17	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-18	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-19	0.02	n/a	3/17/2021	0.0056	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-20	0.013	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-21	0.01217	n/a	3/16/2021	0.0033J	No	16	0.1885	0.01871	0.01871	25	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-22	0.0068	n/a	3/15/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	3/18/2021	0.005ND	No	16	0.00404	0.001464	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01585	n/a	3/18/2021	0.0064	No	7	0.00746	0.002264	0.002264	28.57	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-25	0.02893	n/a	3/17/2021	0.0088	No	15	0.01086	0.007912	0.007912	6.667	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-26	0.019	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	37.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-27	0.02	n/a	3/18/2021	0.005ND	No	16	n/a	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.009	n/a	3/18/2021	0.078	Yes	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-31	0.03796	n/a	3/16/2021	0.014	No	12	0.01699	0.008457	0.008457	8.333	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-32	0.1273	n/a	3/17/2021	0.081	No	16	0.06675	0.02729	0.02729	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-33	0.00888	n/a	3/18/2021	0.005ND	No	15	0.005141	0.001637	0.001637	26.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-34	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-35	0.006162	n/a	3/16/2021	0.005ND	No	16	0.003142	0.001361	0.001361	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-5	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-6	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-7	0.01	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-8	0.007153	n/a	3/16/2021	0.0045J	No	16	0.002775	0.001974	0.001974	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-9	0.008549	n/a	3/16/2021	0.0048J	No	15	0.003756	0.002099	0.002099	46.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3

Appendix I - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.	NB	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-14	0.18	n/a	3/17/2021	0.26	Yes	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479 NP Inter (normality) 1 of 3

Appendix I - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-12	0.18	n/a	3/16/2021	0.026	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-14	0.18	n/a	3/17/2021	0.26	Yes	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-19	0.18	n/a	3/17/2021	0.12	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-21	0.18	n/a	3/16/2021	0.061	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Chromium (mg/L)	GWC-12	0.021	n/a	3/16/2021	0.0022	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Chromium (mg/L)	GWC-8	0.021	n/a	3/16/2021	0.0027	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Chromium (mg/L)	GWC-9	0.021	n/a	3/16/2021	0.0073	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.078	n/a	3/17/2021	0.014	No	121	n/a	n/a	n/a	22.31	n/a	n/a	0.000003239	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.078	n/a	3/18/2021	0.078	No	121	n/a	n/a	n/a	22.31	n/a	n/a	0.000003239	NP Inter (normality) 1 of 3

Appendix I Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-4 (bg)	0.006406	169	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-12	0.001748	336	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02452	232	111	Yes	25	4	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.007431	186	139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003516	230	139	Yes	29	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00006075	-170	-139	Yes	29	62.07	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-103	-92	Yes	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001377	-107	-92	Yes	22	50	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.0002541	-132	-92	Yes	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001313	146	92	Yes	22	13.64	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:56 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-1 (bg)	-0.0001586	-70	-139	No	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	-0.0002084	-41	-139	No	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-28 (bg)	0	38	139	No	29	41.38	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0	12	124	No	27	22.22	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.006887	36	53	No	15	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	0.006406	169	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-12	0.001748	336	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02452	232	111	Yes	25	4	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.007431	186	139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003516	230	139	Yes	29	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-1 (bg)	0	8	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	0	-39	-139	No	29	82.76	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-28 (bg)	0	11	131	No	28	78.57	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-29 (bg)	0	27	118	No	26	76.92	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-3 (bg)	0	1	53	No	15	80	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-4 (bg)	0	45	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-12	0	50	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-8	0	8	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-9	0	32	139	No	29	37.93	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-1 (bg)	0	-126	-139	No	29	75.86	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00006075	-170	-139	Yes	29	62.07	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-28 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-29 (bg)	0	-39	-124	No	27	92.59	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-3 (bg)	-0.00006541	-28	-53	No	15	40	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-4 (bg)	0.0002814	117	139	No	29	6.897	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-14	-0.003097	-1	-25	No	9	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-103	-92	Yes	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001377	-107	-92	Yes	22	50	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-28 (bg)	0	-74	-92	No	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.0002541	-132	-92	Yes	22	13.64	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	-0.0002444	-27	-34	No	11	27.27	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-4 (bg)	-0.00001208	-68	-87	No	21	57.14	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0.0009932	11	25	No	9	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	0.0000254	7	92	No	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	-0.000074	-59	-92	No	22	31.82	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0008	90	92	No	22	18.18	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.0005448	-21	-92	No	22	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0	-3	-34	No	11	18.18	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	54	92	No	22	50	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001313	146	92	Yes	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-30	0	43	92	No	22	59.09	n/a	n/a	0.01	NP

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWA-29	6.445	5.77	3/15/2021	5.51	Yes	14	n/a	n/a	n/a	0	n/a	n/a	0.01722	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-30	6.78	5.9	3/18/2021	5.77	Yes	16	n/a	n/a	n/a	0	n/a	n/a	0.01291	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-12	28.54	n/a	3/16/2021	29	Yes	15	22.2	2.238	0	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 4/27/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-8	39.53	n/a	3/16/2021	17	No	14	18.2	7.338	0	None	No	0.0002595	Param Intra	1 of 2
Sulfate as SO4 (mg/L)	GWC-9	44.53	n/a	3/16/2021	9.2	No	15	4.276	0.8455	0	None	sqrt(x)	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-1	37.94	n/a	3/15/2021	5ND	No	15	11.75	9.238	33.33	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-2	92.29	n/a	3/15/2021	39	No	15	32.6	21.06	20	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-28	120.8	n/a	3/15/2021	54	No	15	64.33	19.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-29	160.7	n/a	3/15/2021	77	No	14	77.64	28.56	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-3	678.9	n/a	3/15/2021	170	No	8	230.1	117.4	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-4	213	n/a	3/15/2021	120	No	15	158.3	19.31	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-10	333.5	n/a	3/18/2021	130	No	15	162.4	60.37	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-11	327.2	n/a	3/17/2021	170	No	15	156.1	60.36	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-12	268	n/a	3/16/2021	250	No	15	179.7	31.13	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-13	99.82	n/a	3/17/2021	42	No	15	50.4	17.43	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-14	616.8	n/a	3/17/2021	430	No	15	286.5	116.5	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-15	123.5	n/a	3/18/2021	86	No	15	78.47	15.87	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-16	151.5	n/a	3/17/2021	91	No	15	72.07	28.01	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-17	156.3	n/a	3/16/2021	99	No	15	90.53	23.22	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-18	113.6	n/a	3/16/2021	93	No	15	71.33	14.9	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-19	128.1	n/a	3/17/2021	67	No	15	61.67	23.44	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-20	129.9	n/a	3/16/2021	100	No	15	89.6	14.21	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-21	85.2	n/a	3/16/2021	65	No	15	44.2	14.46	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-22	128.7	n/a	3/15/2021	89	No	15	1016498	393346	6.667	None	x^3	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-23	161.4	n/a	3/18/2021	29	No	15	6.093	2.333	6.667	None	sqrt(x)	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-24	50.35	n/a	3/18/2021	20	No	15	22.87	9.694	13.33	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-25	137	n/a	3/17/2021	56	No	15	81.07	19.73	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-26	103.8	n/a	3/17/2021	35	No	15	37.23	23.48	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-27	85.23	n/a	3/18/2021	34	No	15	33.22	18.35	20	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-30	89.5	n/a	3/18/2021	49	No	15	41.2	17.04	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-31	193.9	n/a	3/16/2021	96	No	10	110.4	25.14	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-32	146.6	n/a	3/17/2021	79	No	15	87.33	20.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-33	174.3	n/a	3/18/2021	93	No	15	104.5	24.61	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-34	119.4	n/a	3/16/2021	46	No	15	42.87	27.01	13.33	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-35	78.7	n/a	3/16/2021	42	No	15	33.57	15.92	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-5	287.7	n/a	3/17/2021	180	No	15	176.1	39.38	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-6	198.6	n/a	3/17/2021	110	No	15	110.9	30.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-7	569.1	n/a	3/16/2021	390	No	15	433.4	47.88	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-8	304.7	n/a	3/16/2021	170	No	15	177.2	44.99	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-9	370	n/a	3/16/2021	100	No	15	177.5	67.9	0	None	No	0.0002595	Param Intra	1 of 2

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

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWC-30	6.652	5.062	3/18/2021	5.77	No	101	5.857	0.3598	0	None	No	0.0001297	Param Inter 1 of 2
Sulfate as SO4 (mg/L)	GWC-12	203	n/a	3/16/2021	29	No	100	n/a	n/a	18	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-14	0.08	n/a	3/17/2021	1	Yes	101	n/a	n/a	97.03	n/a	n/a	0.0001864	NP Inter (NDs) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	3/17/2021	140	Yes	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-10	49	n/a	3/18/2021	3.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11	49	n/a	3/17/2021	2.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-12	49	n/a	3/16/2021	27	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13	49	n/a	3/17/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	3/17/2021	140	Yes	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15	49	n/a	3/18/2021	6.3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-16	49	n/a	3/17/2021	1.6	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-17	49	n/a	3/16/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-18	49	n/a	3/16/2021	1.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-19	49	n/a	3/17/2021	2.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-20	49	n/a	3/16/2021	2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-21	49	n/a	3/16/2021	3.5	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-22	49	n/a	3/15/2021	1.5	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-23	49	n/a	3/18/2021	2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-24	49	n/a	3/18/2021	4.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-25	49	n/a	3/17/2021	5.9	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-26	49	n/a	3/17/2021	3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-27	49	n/a	3/18/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-30	49	n/a	3/18/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-31	49	n/a	3/16/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-32	49	n/a	3/17/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-33	49	n/a	3/18/2021	2.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-34	49	n/a	3/16/2021	1.1	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-35	49	n/a	3/16/2021	4.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-5	49	n/a	3/17/2021	9.7	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6	49	n/a	3/17/2021	7.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-7	49	n/a	3/16/2021	13	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8	49	n/a	3/16/2021	3.7	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-9	49	n/a	3/16/2021	3.3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-10	3.2	n/a	3/18/2021	1.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-11	3.2	n/a	3/17/2021	0.08J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-12	3.2	n/a	3/16/2021	0.14	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-13	3.2	n/a	3/17/2021	0.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-14	3.2	n/a	3/17/2021	0.036J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-15	3.2	n/a	3/18/2021	0.073J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-16	3.2	n/a	3/17/2021	0.031J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-17	3.2	n/a	3/16/2021	0.034J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-18	3.2	n/a	3/16/2021	0.029J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-19	3.2	n/a	3/17/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-20	3.2	n/a	3/16/2021	0.031J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-21	3.2	n/a	3/16/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-22	3.2	n/a	3/15/2021	0.045J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-23	3.2	n/a	3/18/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-24	3.2	n/a	3/18/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-25	3.2	n/a	3/17/2021	0.03J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-26	3.2	n/a	3/17/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-27	3.2	n/a	3/18/2021	0.72	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-30	3.2	n/a	3/18/2021	0.072J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-31	3.2	n/a	3/16/2021	1.3	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-32	3.2	n/a	3/17/2021	2.3	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-33	3.2	n/a	3/18/2021	2.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-34	3.2	n/a	3/16/2021	0.13	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-35	3.2	n/a	3/16/2021	0.03J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-5	3.2	n/a	3/17/2021	0.094J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-6	3.2	n/a	3/17/2021	0.073J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-7	3.2	n/a	3/16/2021	0.21	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-8	3.2	n/a	3/16/2021	0.044J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-9	3.2	n/a	3/16/2021	0.043J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	GWA-3 (bg)	6.444	35	34	Yes	11	9.091	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-28 (bg)	-0.07982	-85	-74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-3 (bg)	-0.277	-53	-34	Yes	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.707	120	68	Yes	18	0	n/a	n/a	0.01	NP

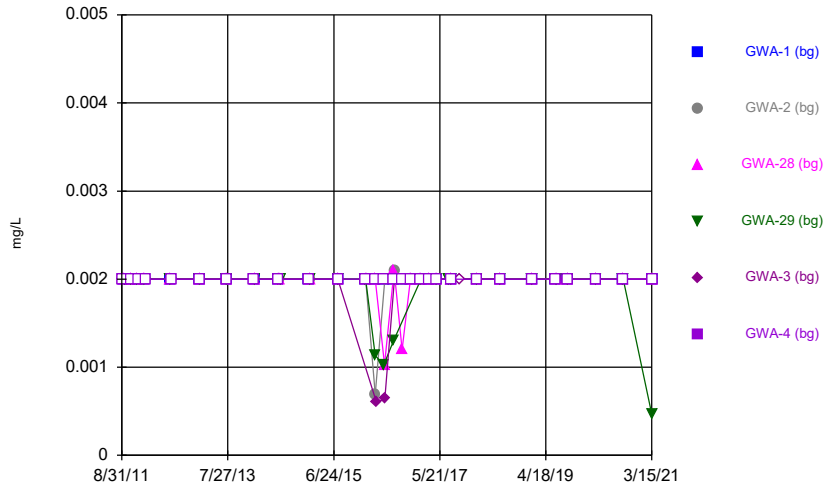
Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	GWA-1 (bg)	0	-21	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-2 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-28 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-29 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-3 (bg)	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-4 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-14	0.1363	57	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	0	14	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	0.1601	28	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-28 (bg)	0	-33	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-29 (bg)	-0.05984	-47	-63	No	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3 (bg)	6.444	35	34	Yes	11	9.091	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4 (bg)	-1.159	-41	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-14	15.41	58	68	No	18	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-1 (bg)	0.01308	11	74	No	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-2 (bg)	-0.03277	-37	-68	No	18	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-28 (bg)	-0.07982	-85	-74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-29 (bg)	-0.06162	-56	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-3 (bg)	-0.277	-53	-34	Yes	11	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-4 (bg)	-0.05787	-52	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWC-30	0.02064	20	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-1 (bg)	0	5	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-2 (bg)	0.09857	38	68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-28 (bg)	0.07053	34	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-29 (bg)	-0.4236	-32	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-3 (bg)	-25.95	-29	-34	No	11	9.091	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-4 (bg)	0	9	68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.707	120	68	Yes	18	0	n/a	n/a	0.01	NP

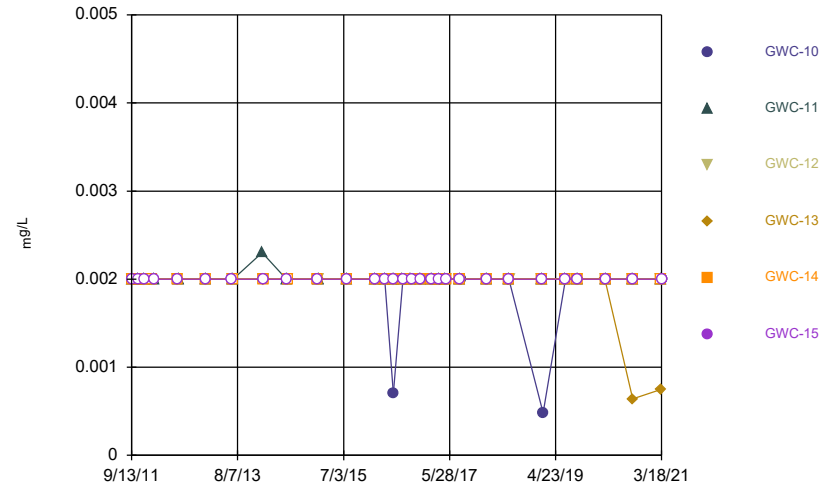
FIGURE A.

Time Series



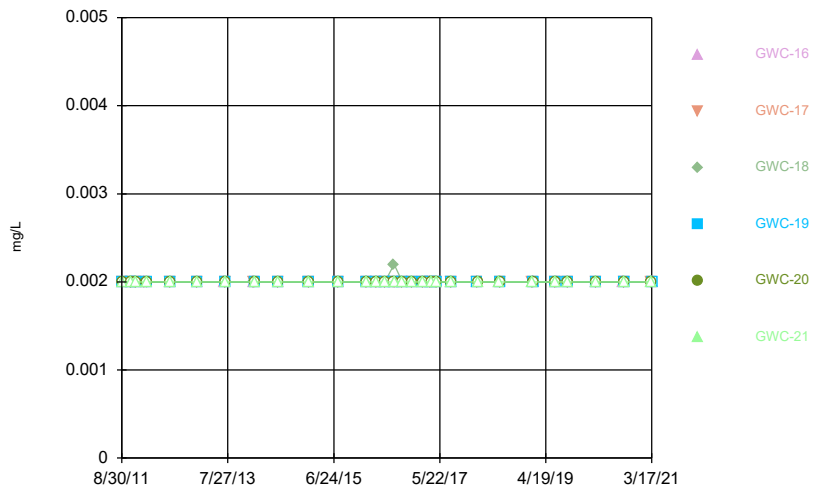
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



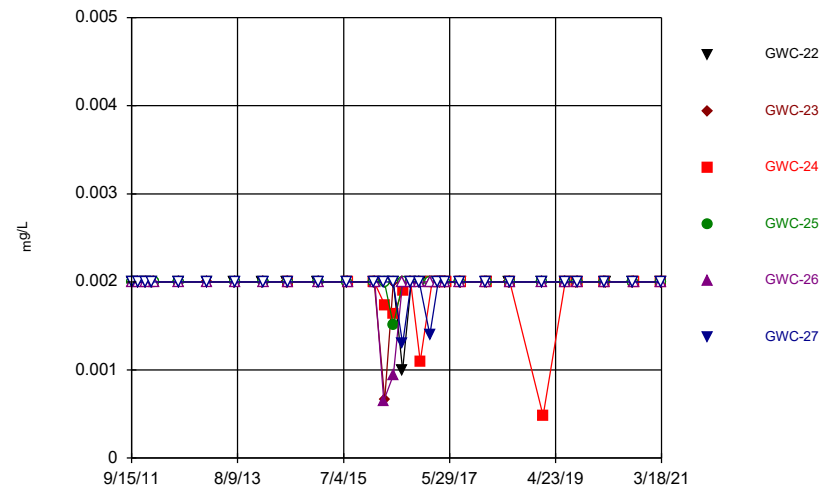
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Antimony Analysis Run 4/24/2021 11:43 AM
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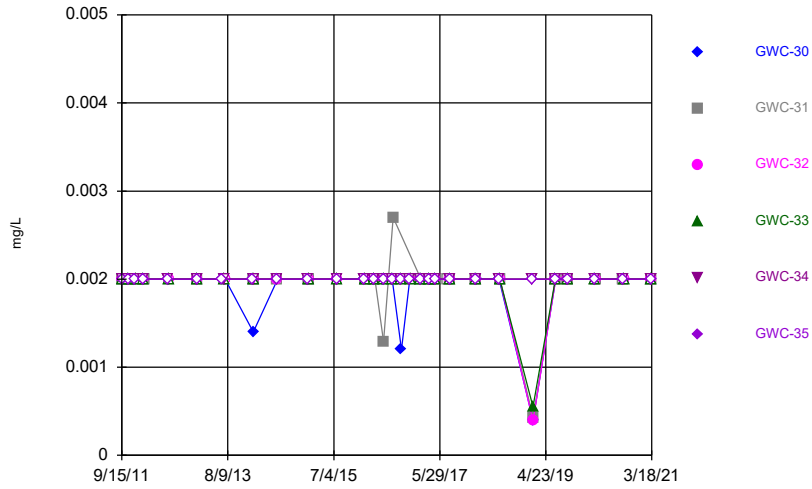
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
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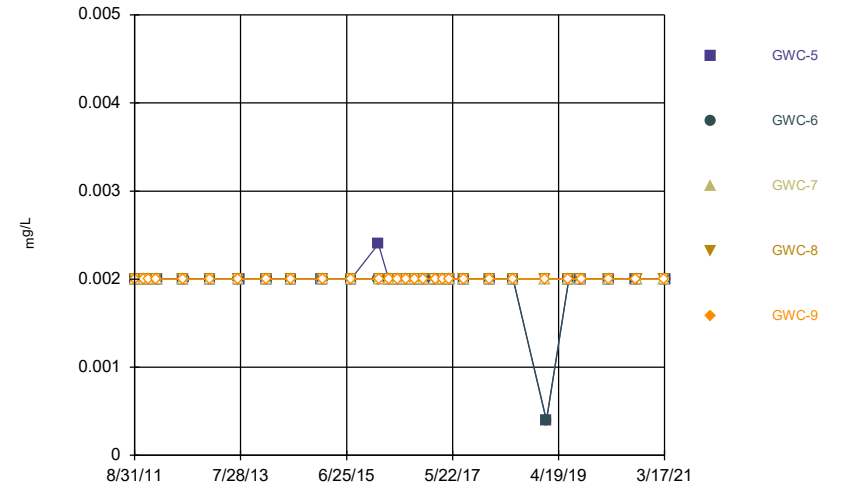
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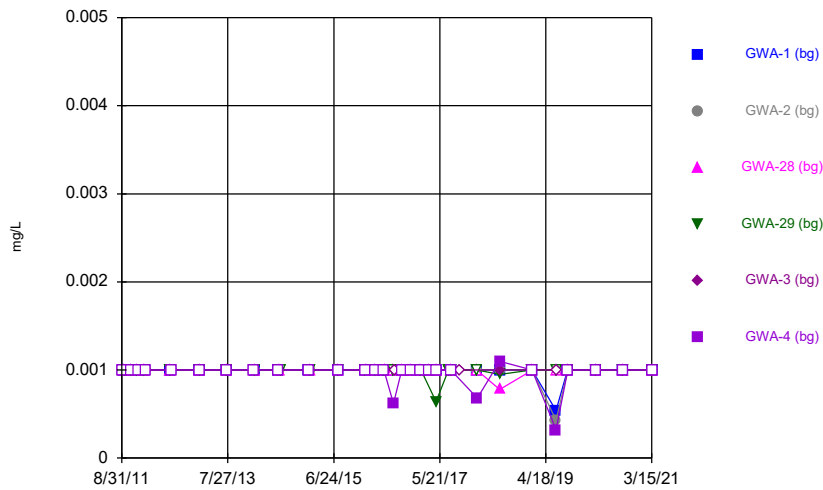
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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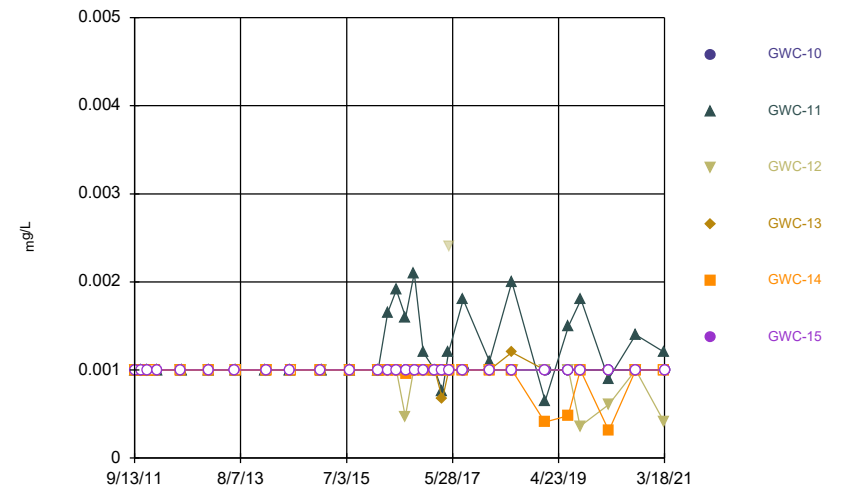
Time Series



Constituent: Arsenic Analysis Run 4/24/2021 11:43 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

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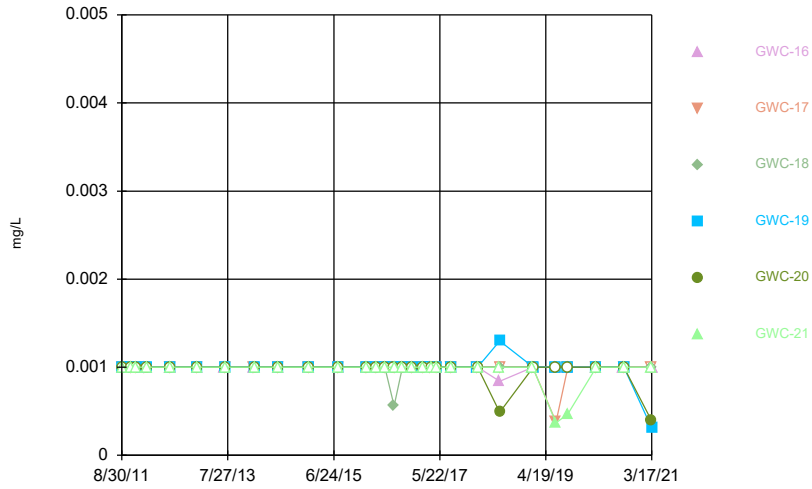
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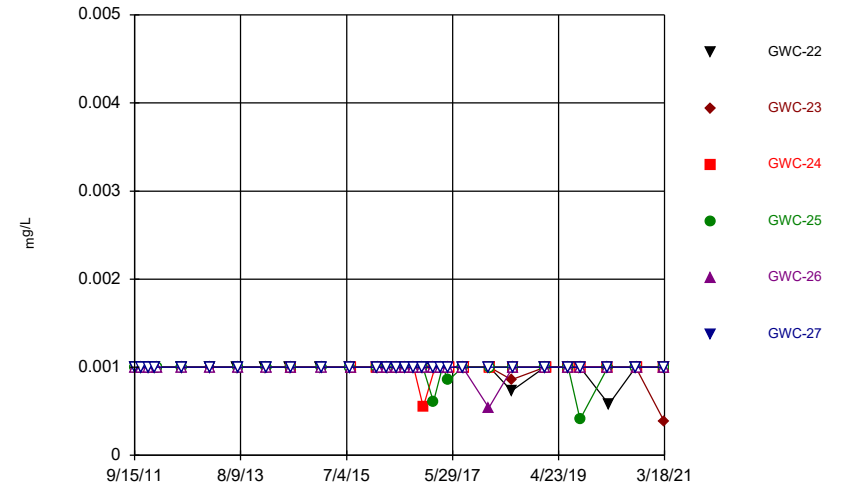
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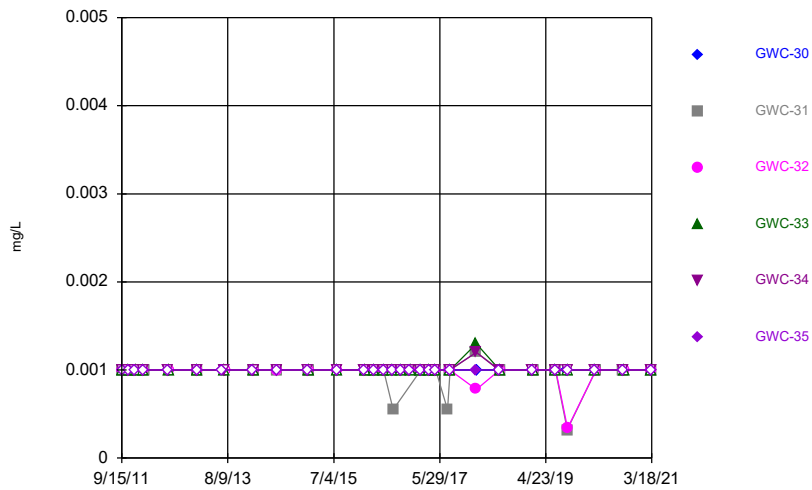
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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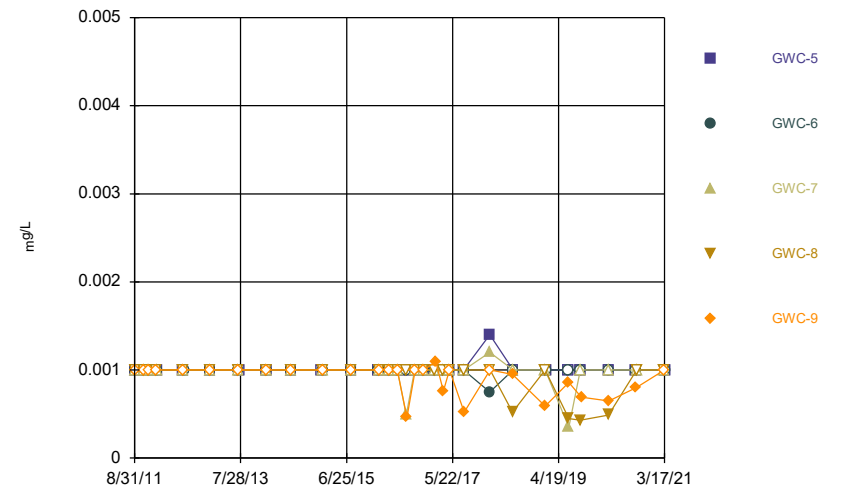
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Plant Wansley Client: Southern Company Data: Wansley Landfill

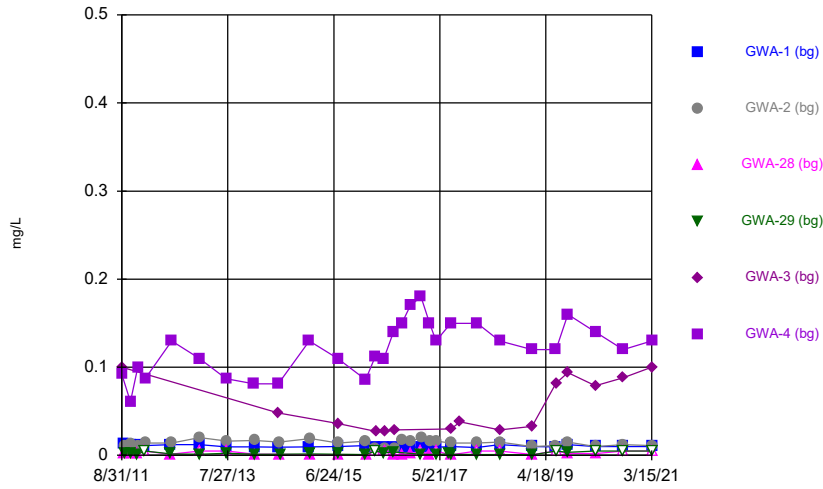
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Hollow symbols indicate censored values.

Time Series



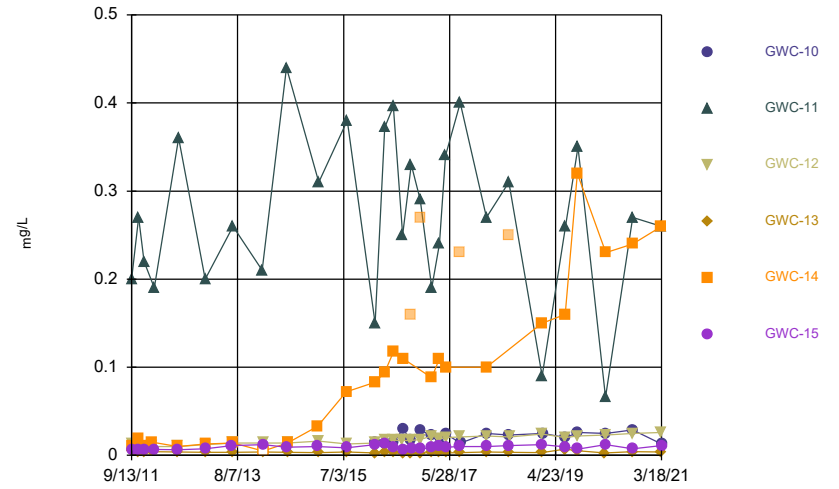
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Time Series



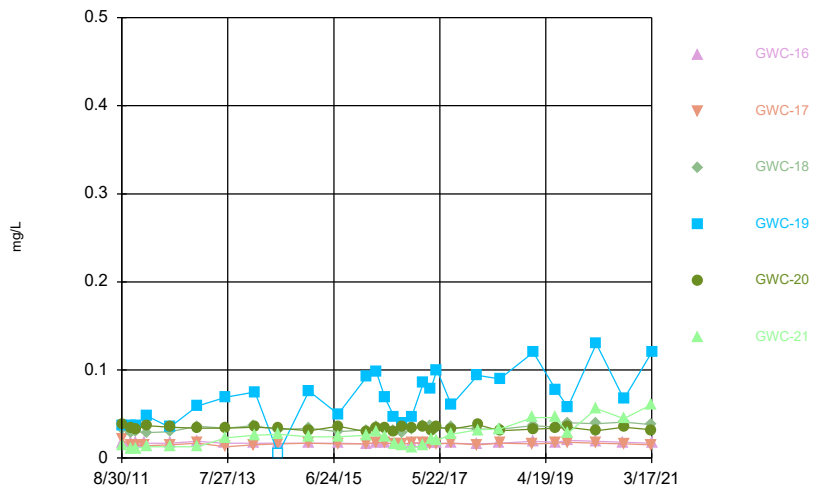
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Time Series



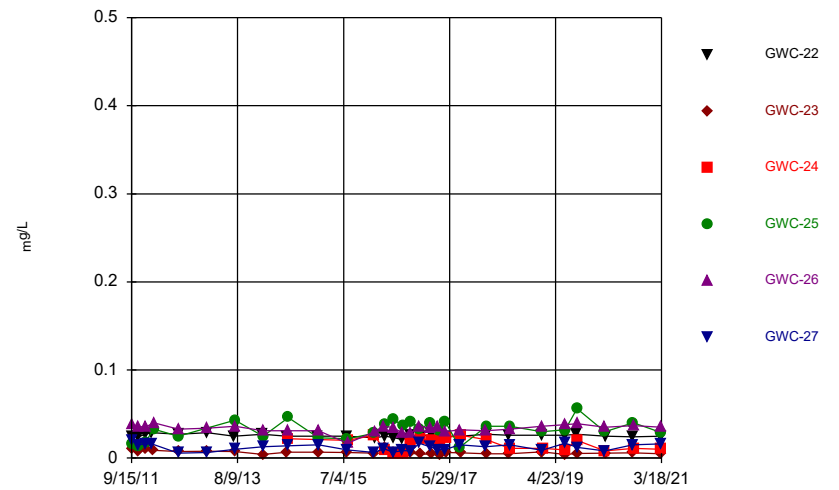
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Time Series



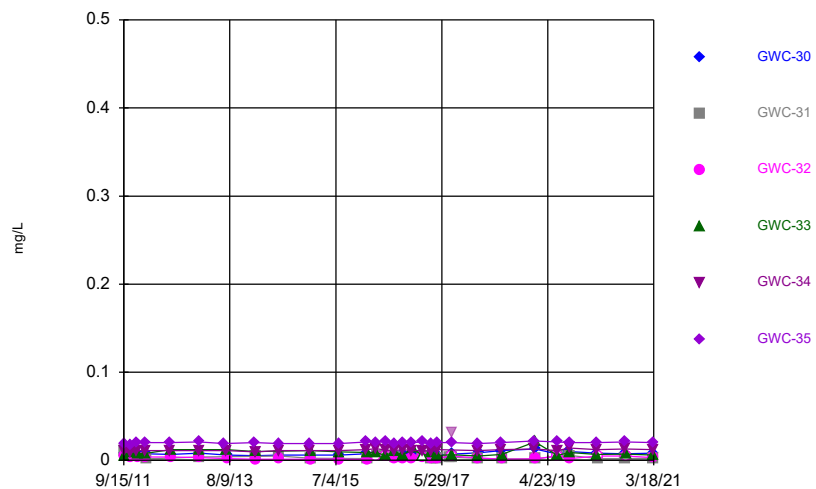
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Time Series



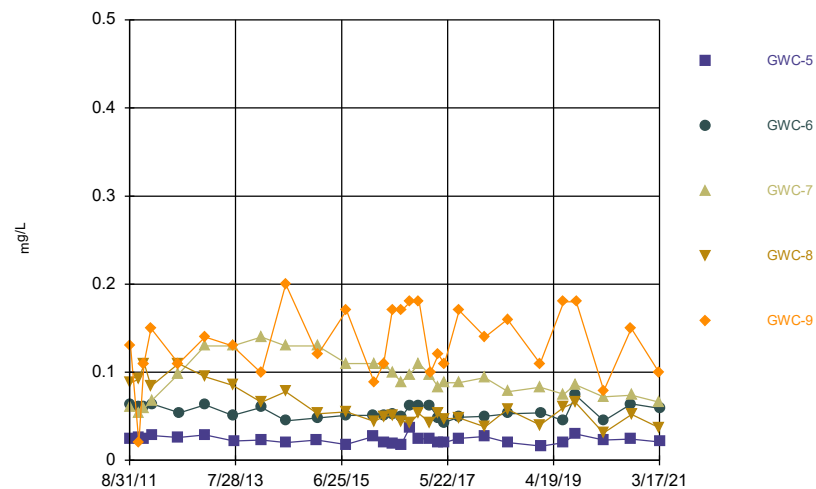
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Time Series



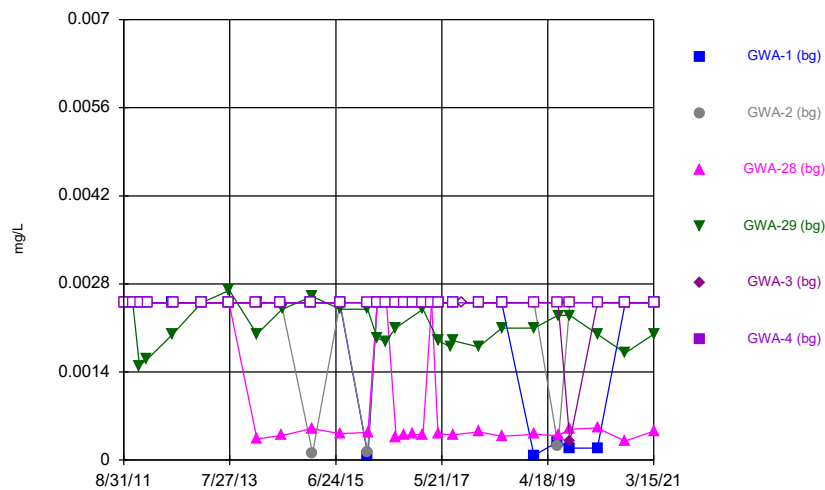
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Time Series



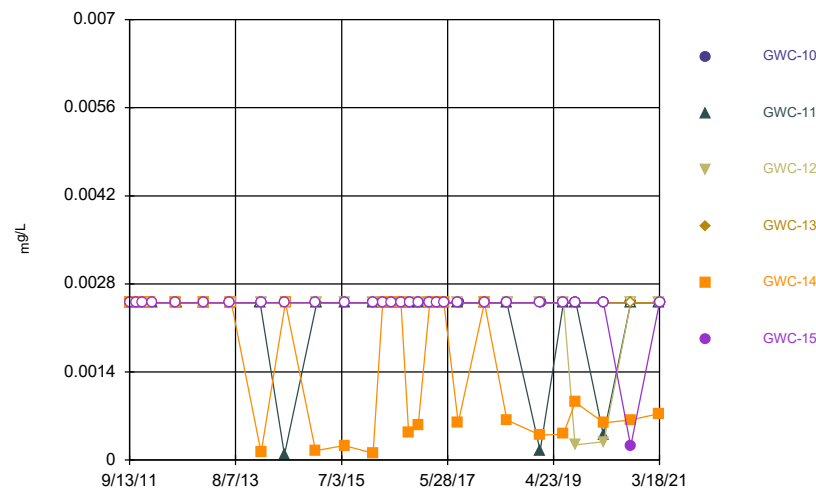
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



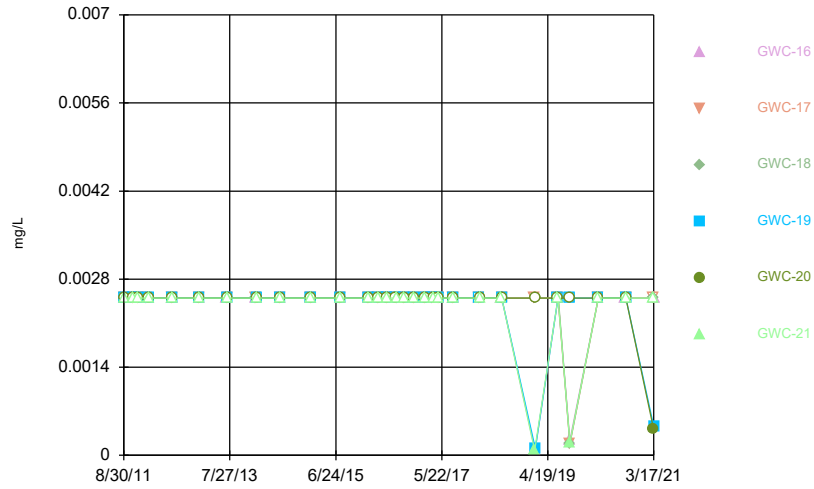
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Time Series



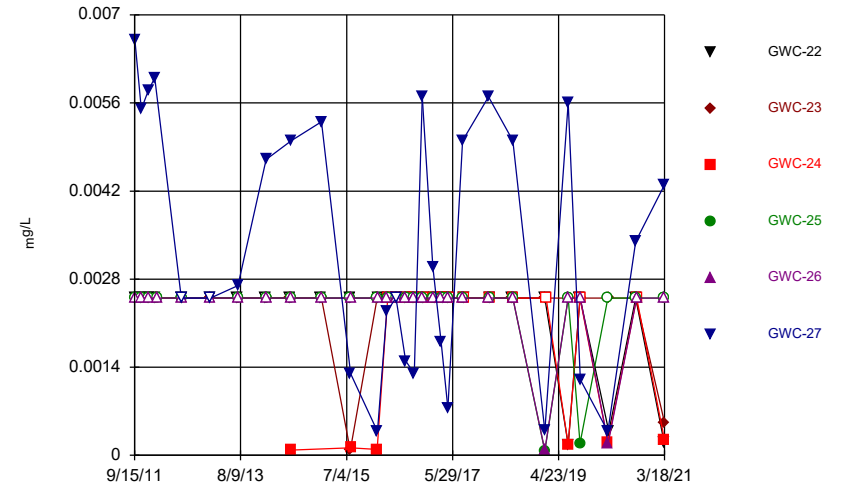
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Time Series



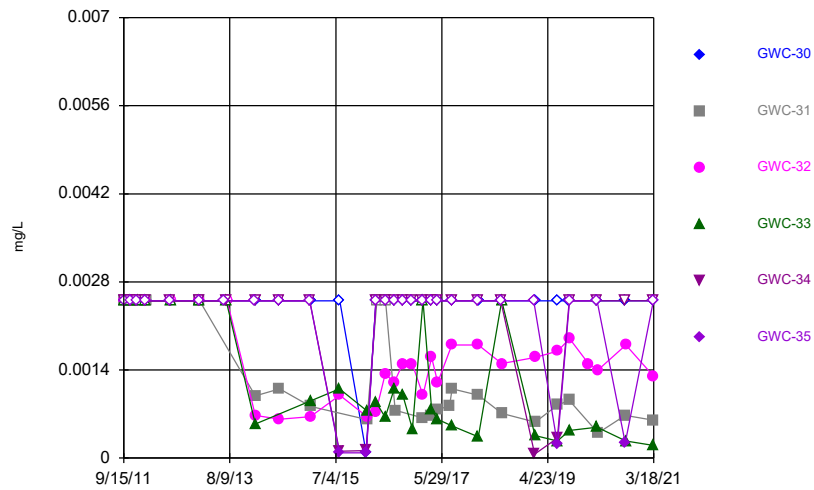
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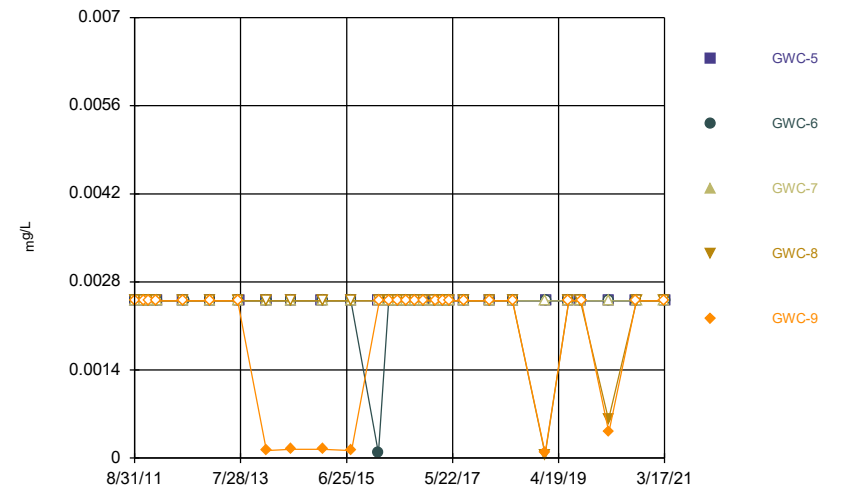
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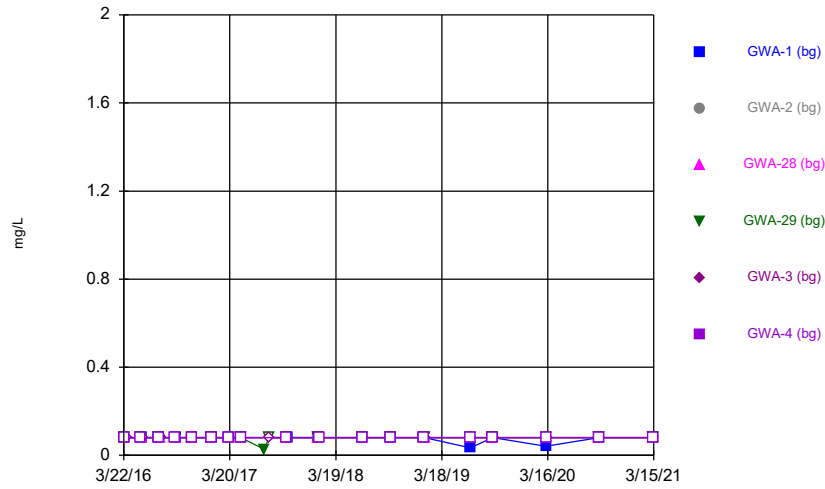
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Time Series



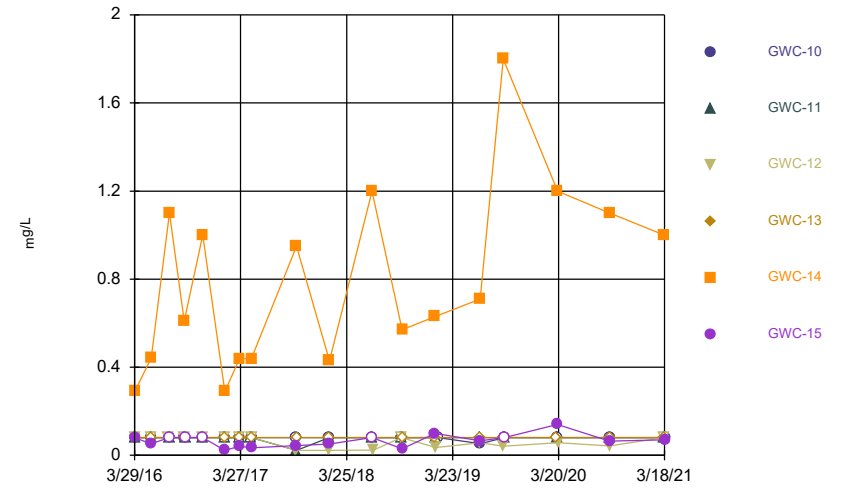
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Time Series



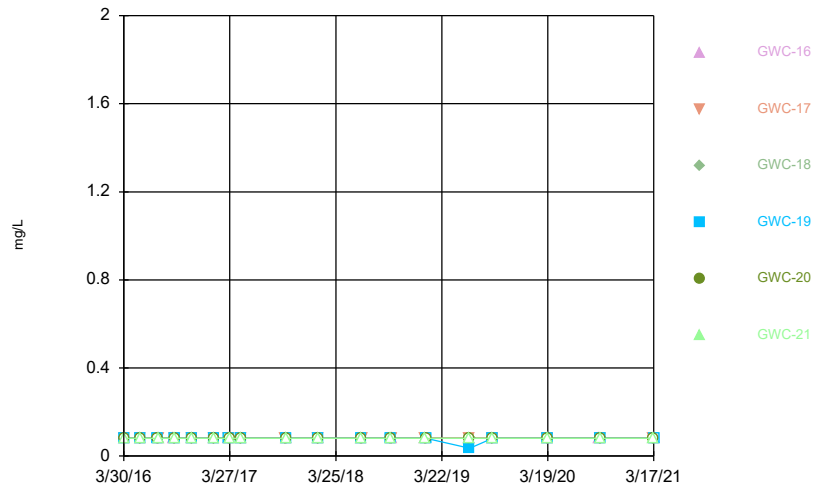
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Time Series



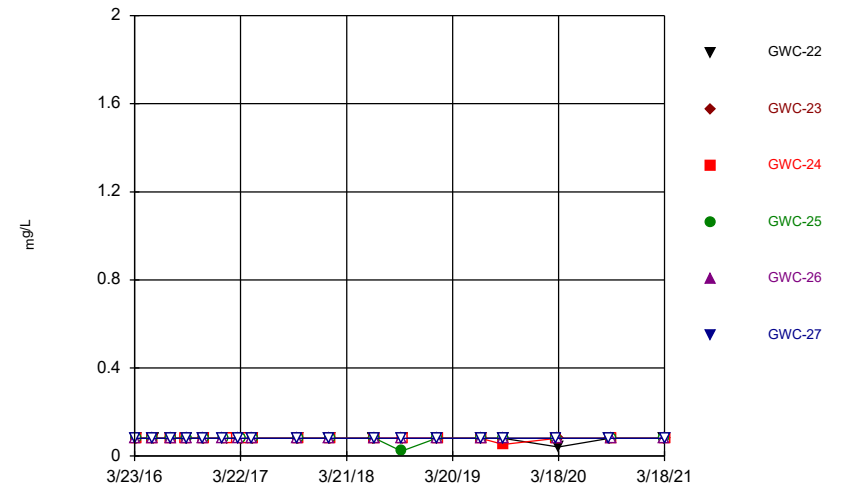
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Time Series



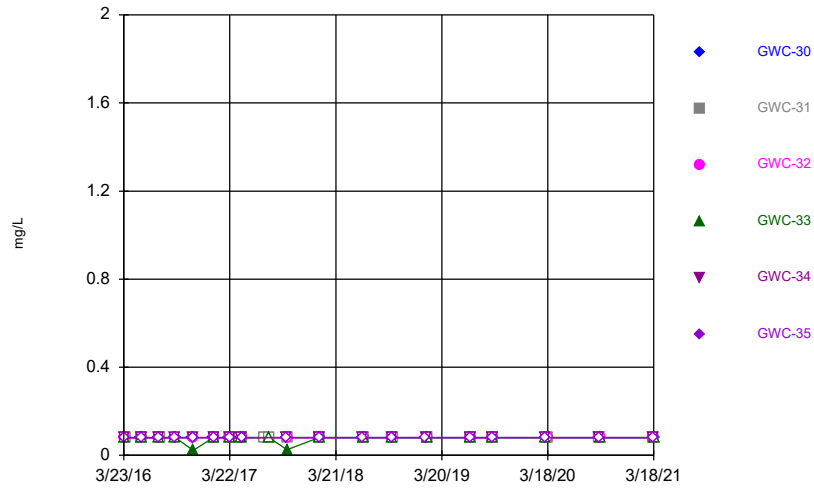
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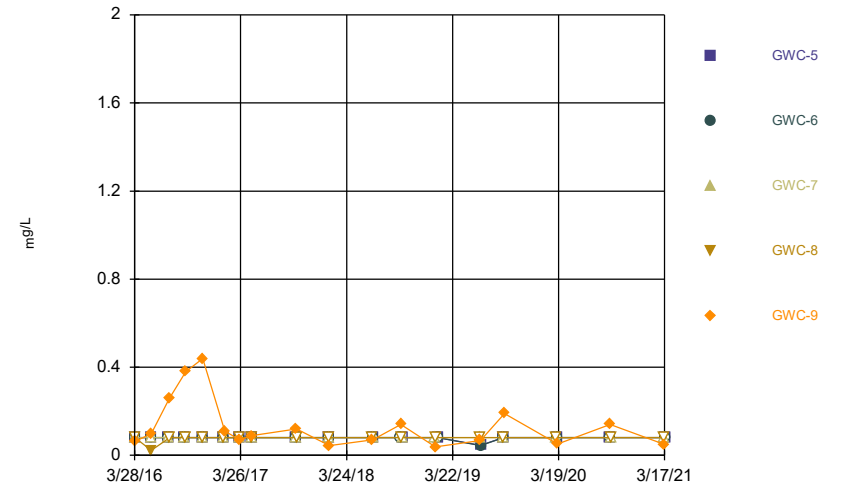
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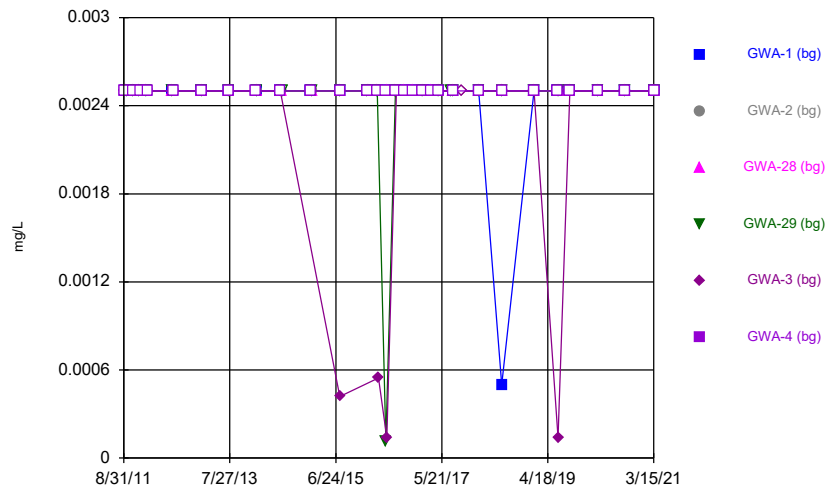
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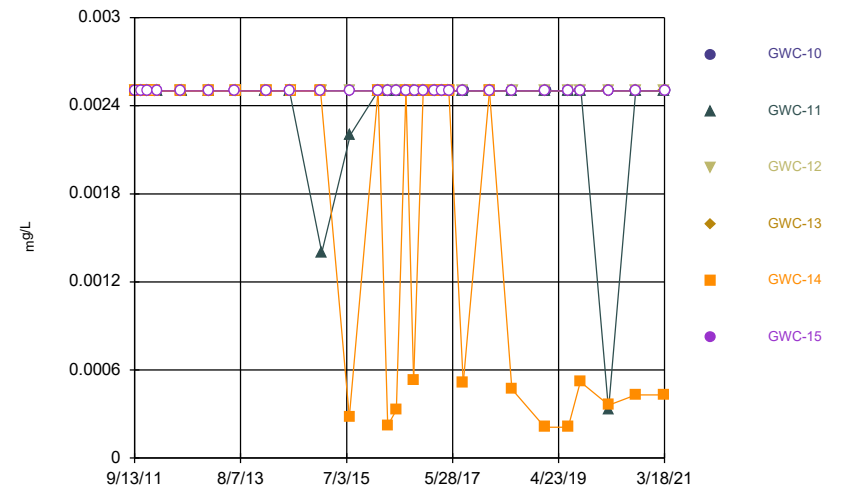
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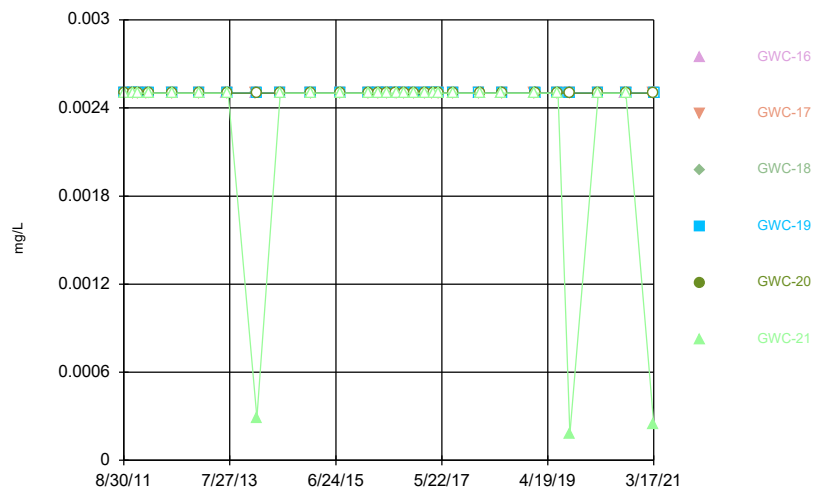
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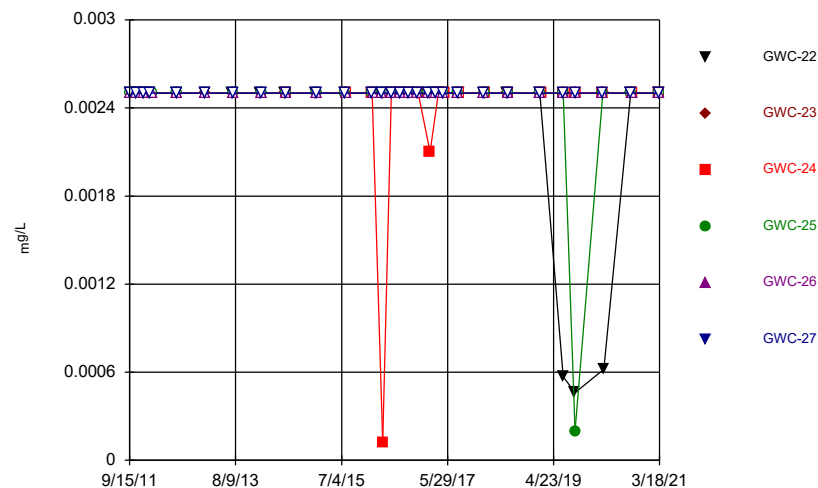
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Time Series



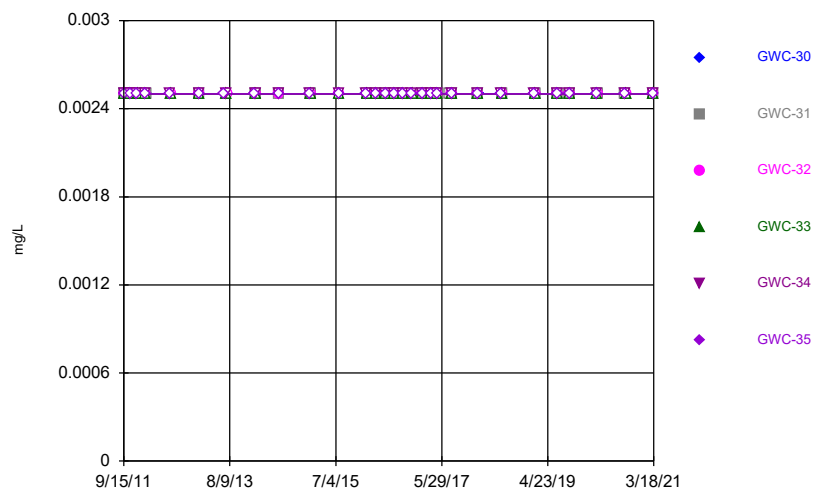
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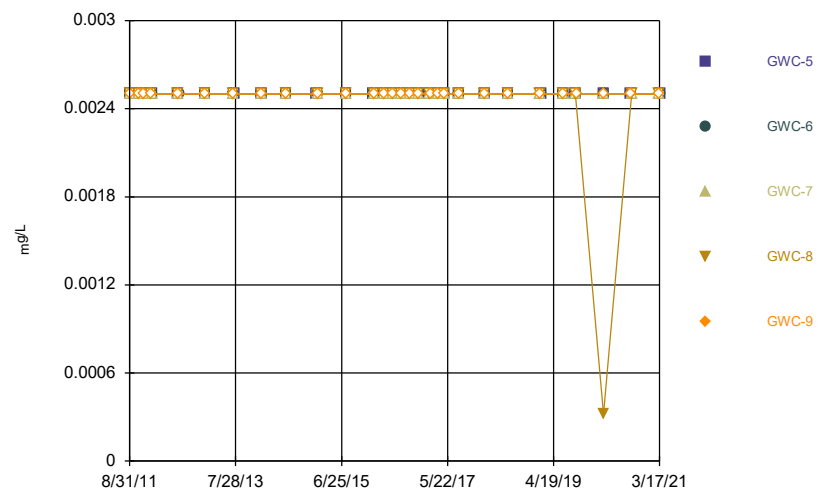
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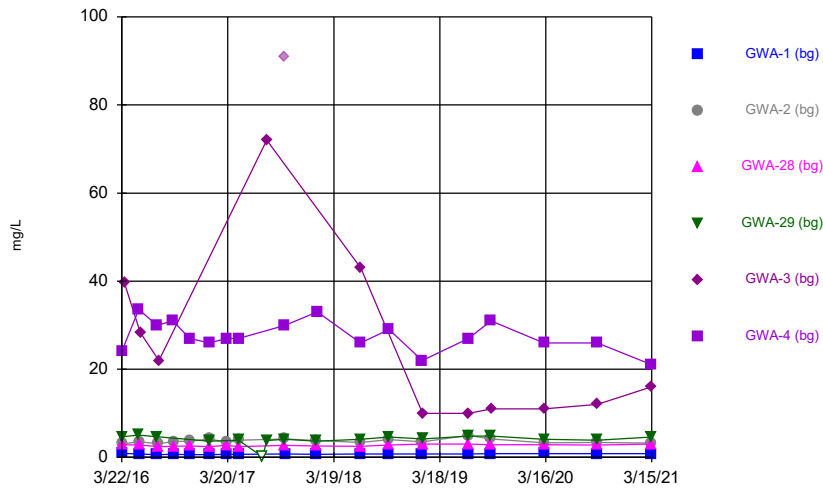
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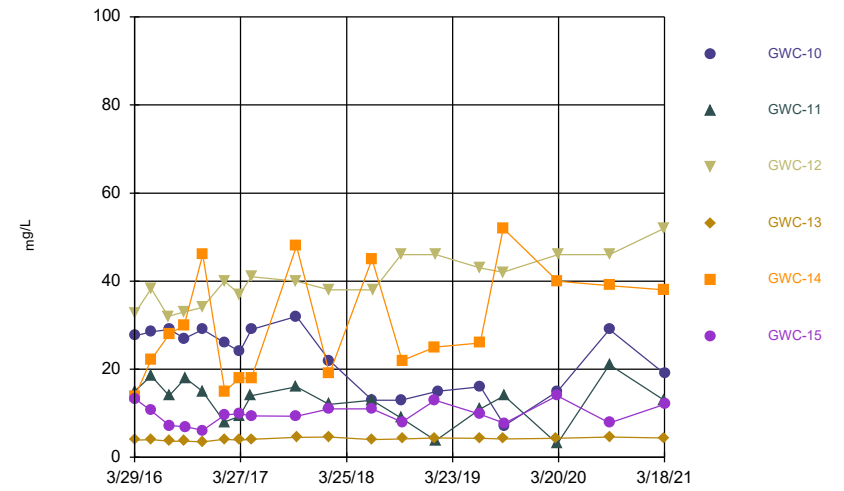
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Time Series



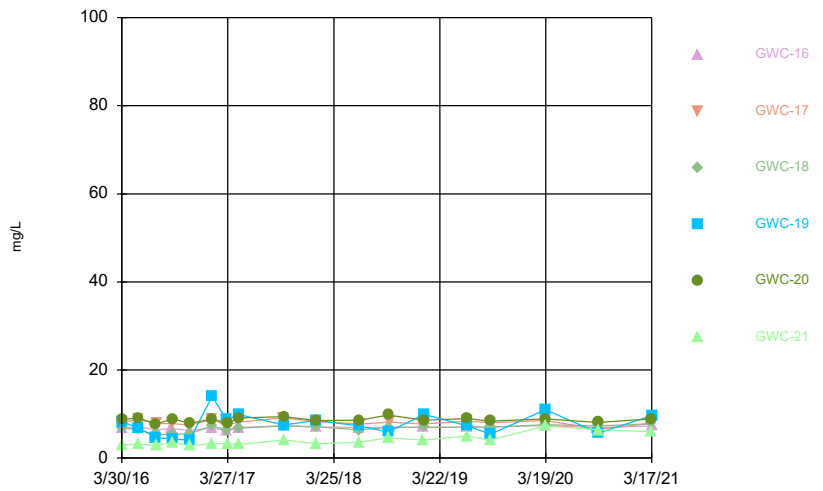
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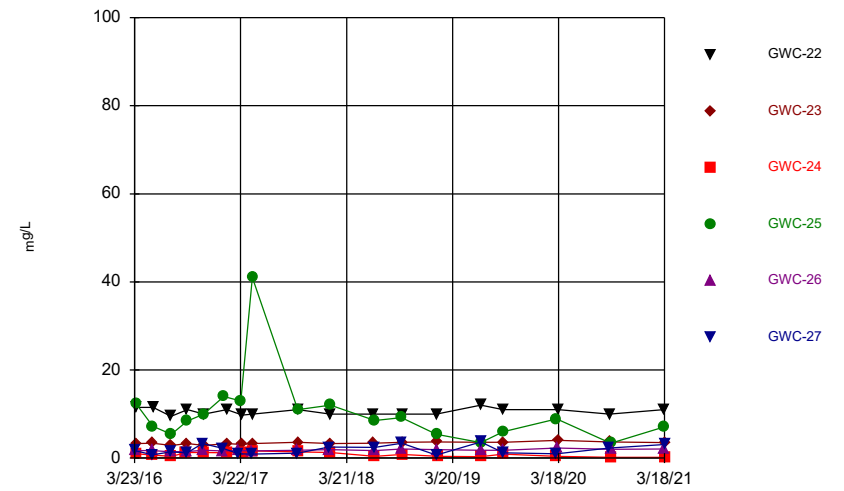
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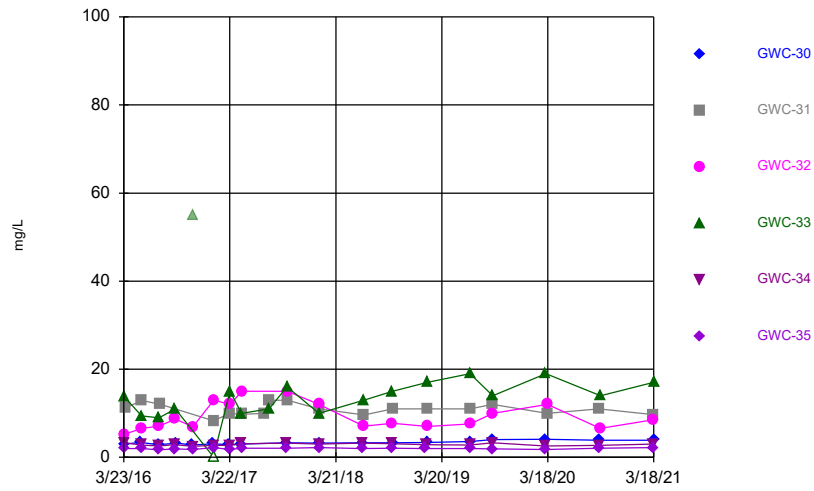
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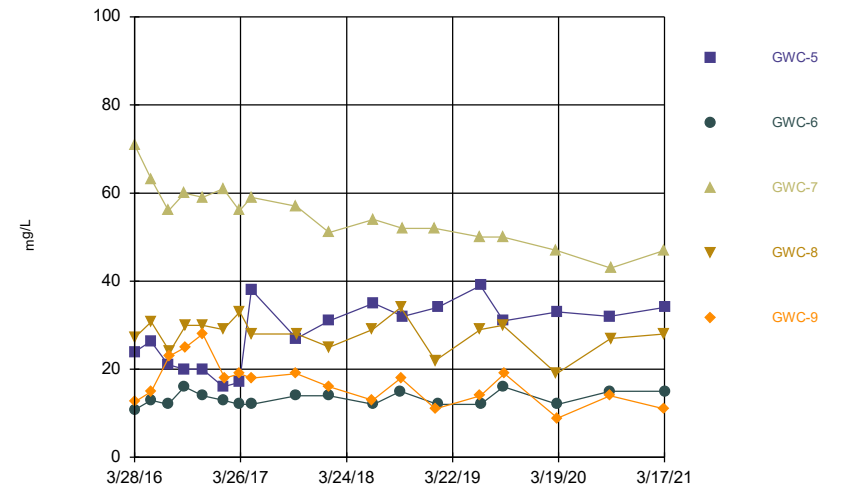
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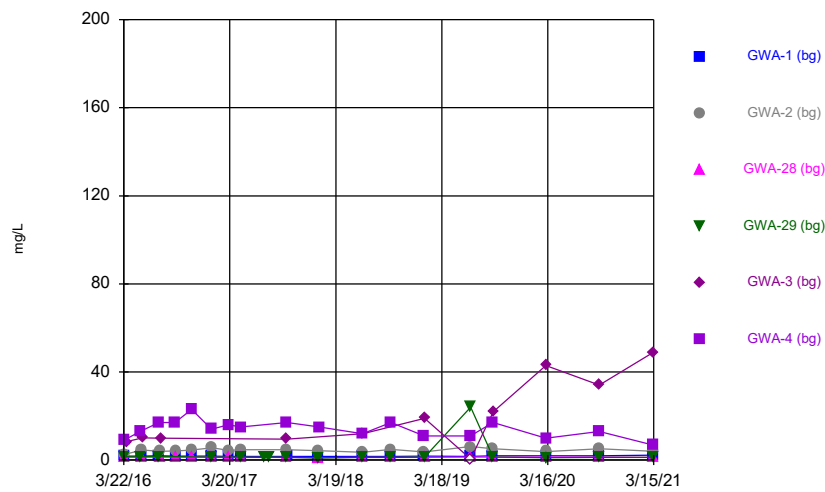
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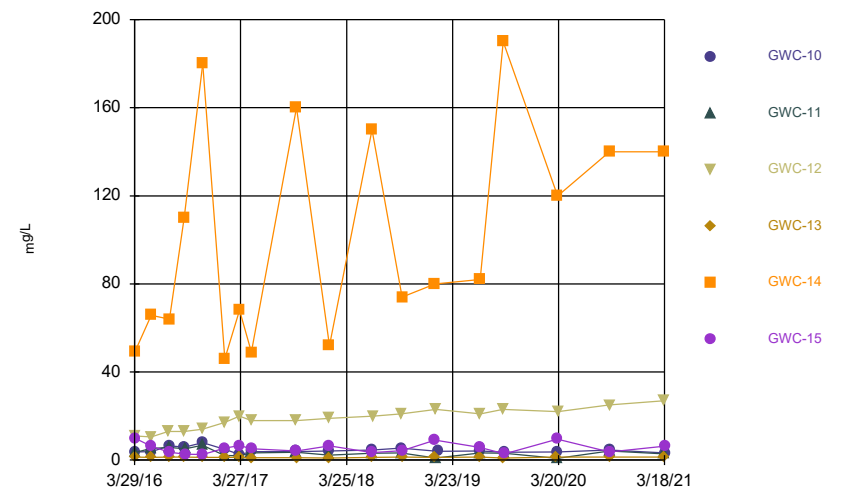
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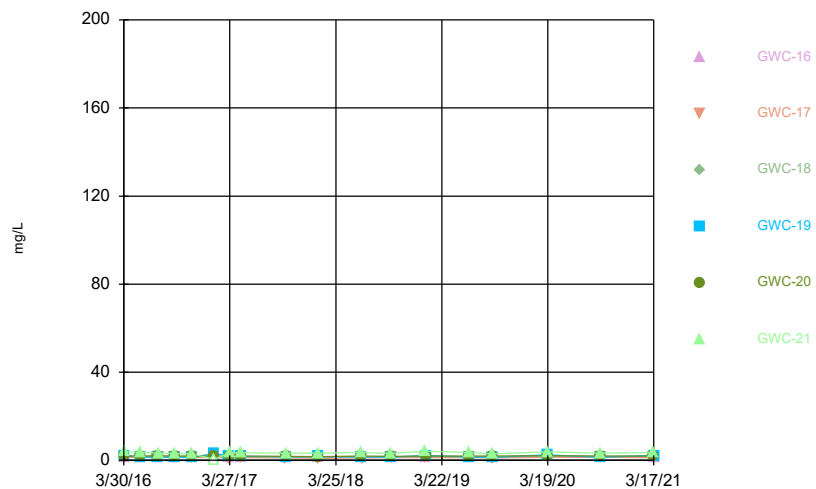
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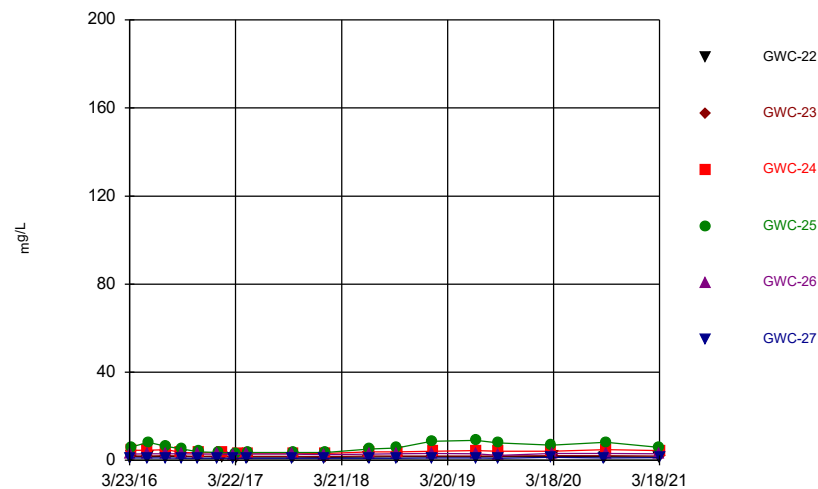
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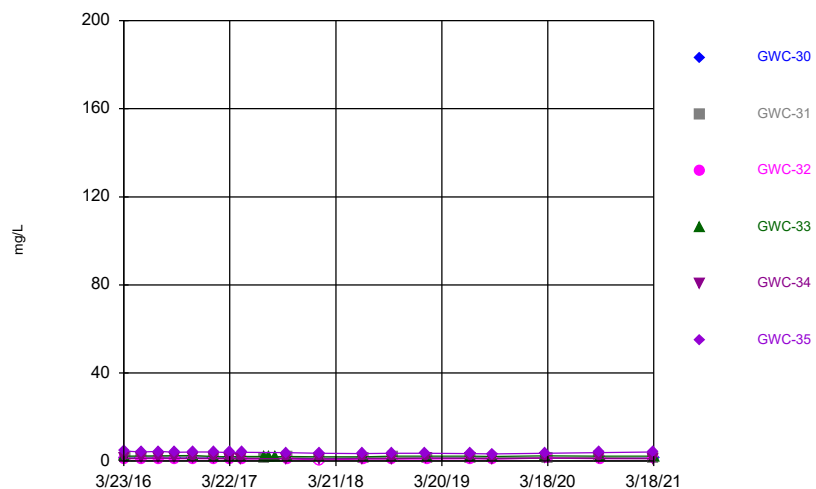
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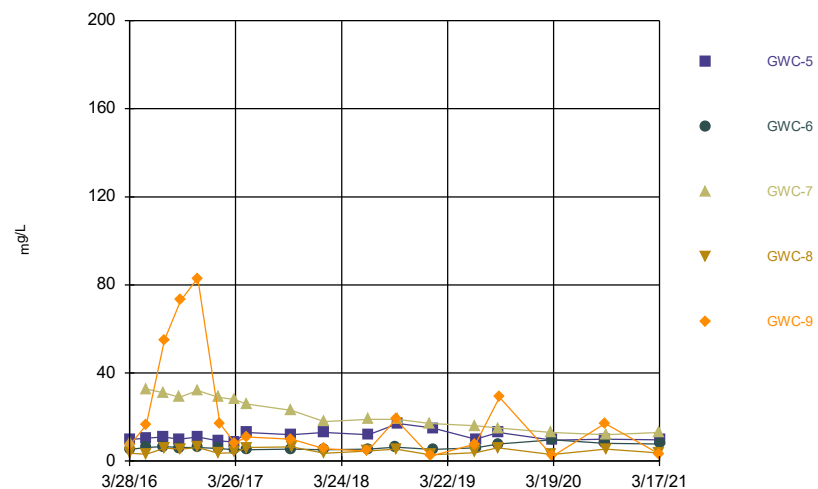
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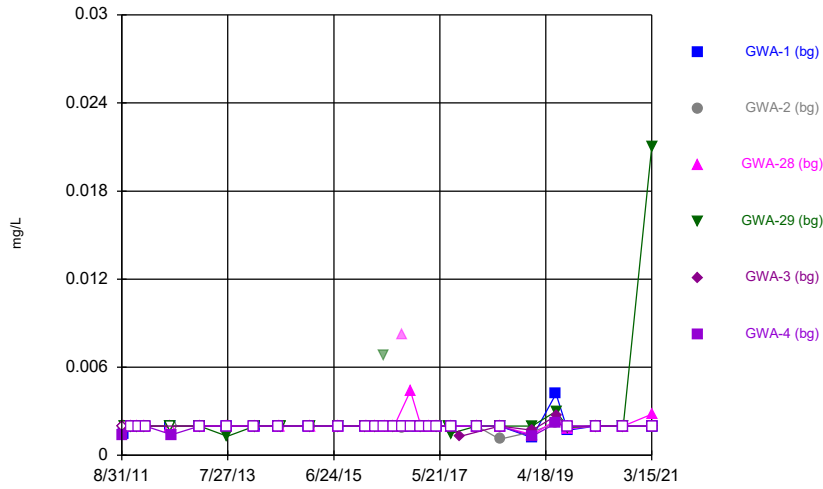
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Time Series



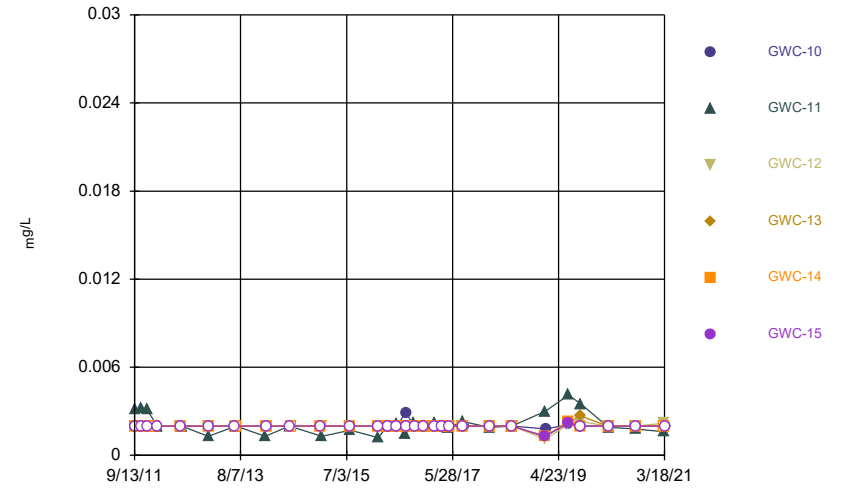
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Time Series



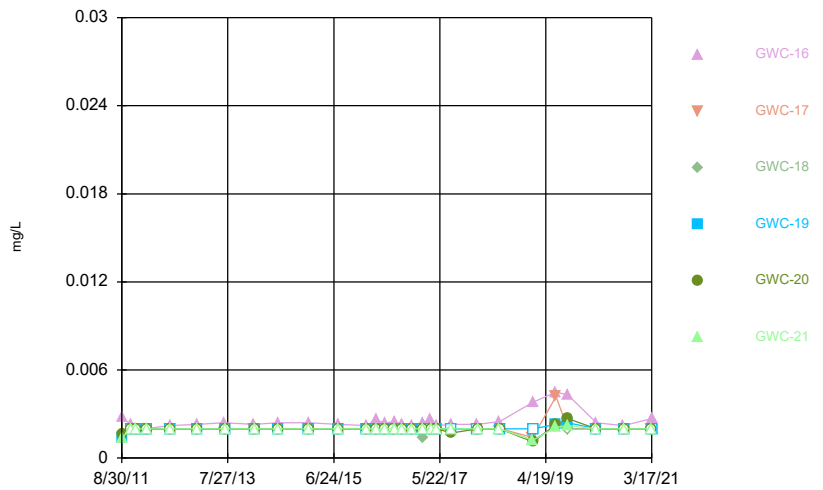
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Time Series



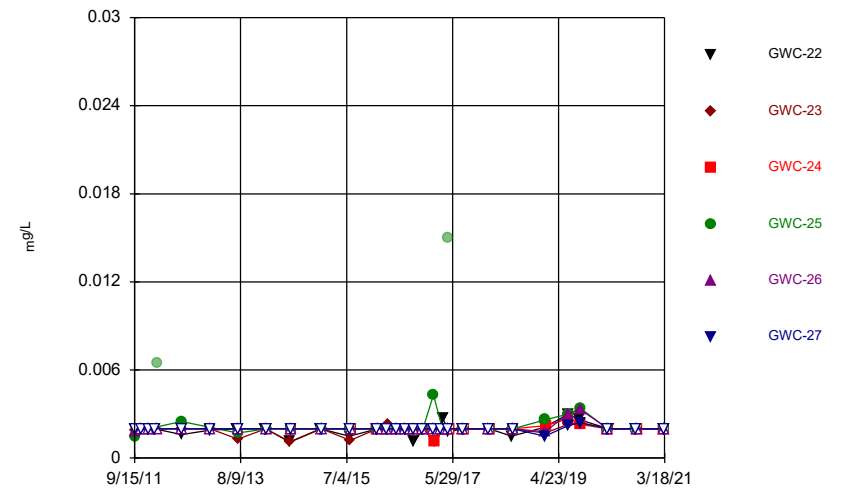
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



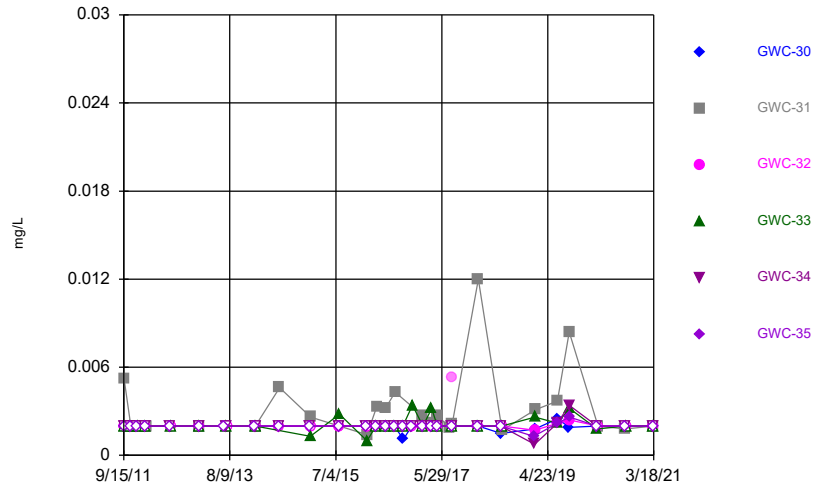
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Time Series



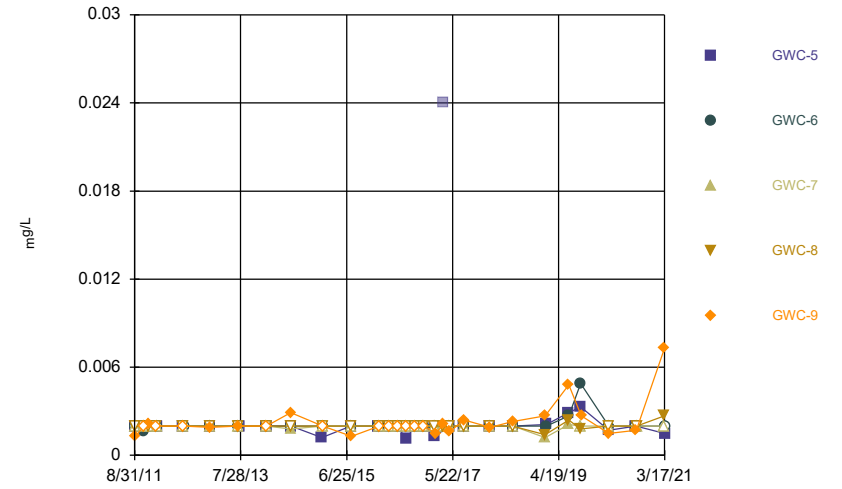
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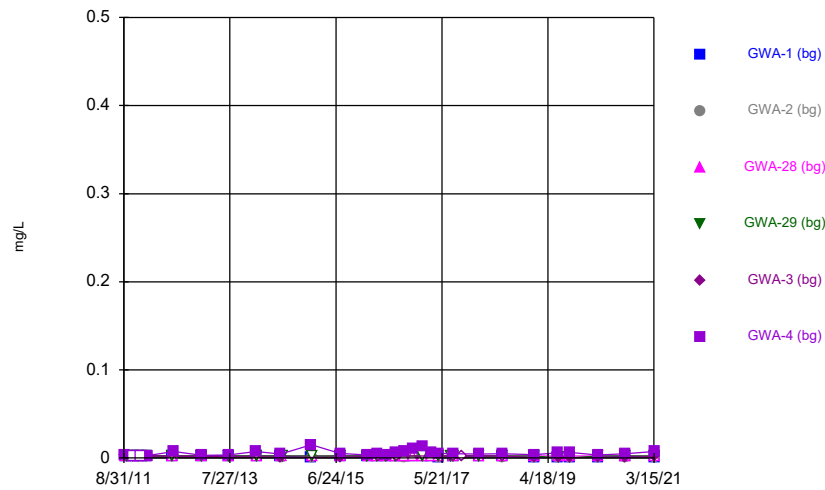
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Time Series



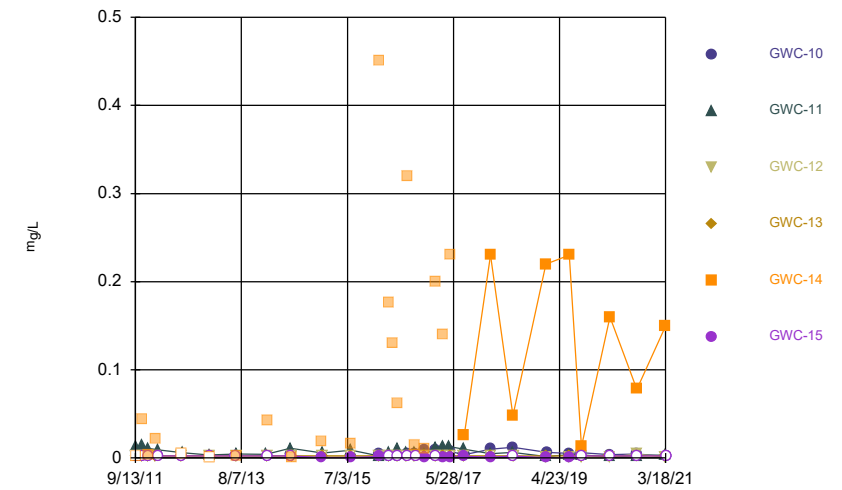
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Time Series



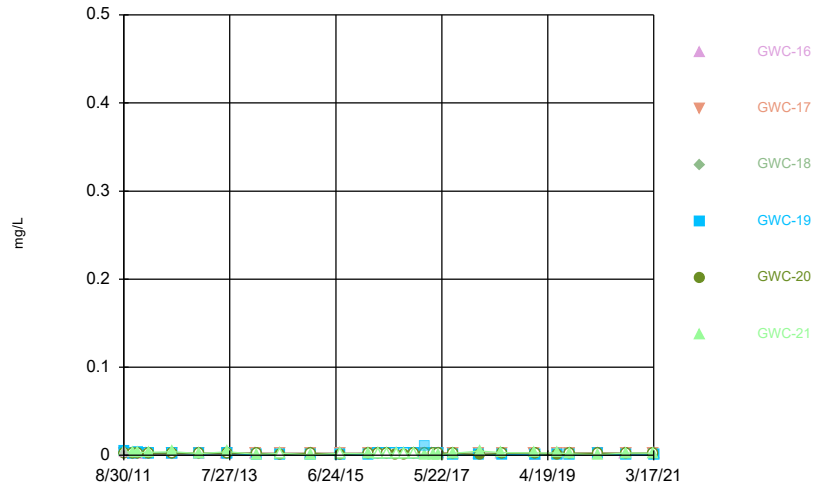
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Time Series



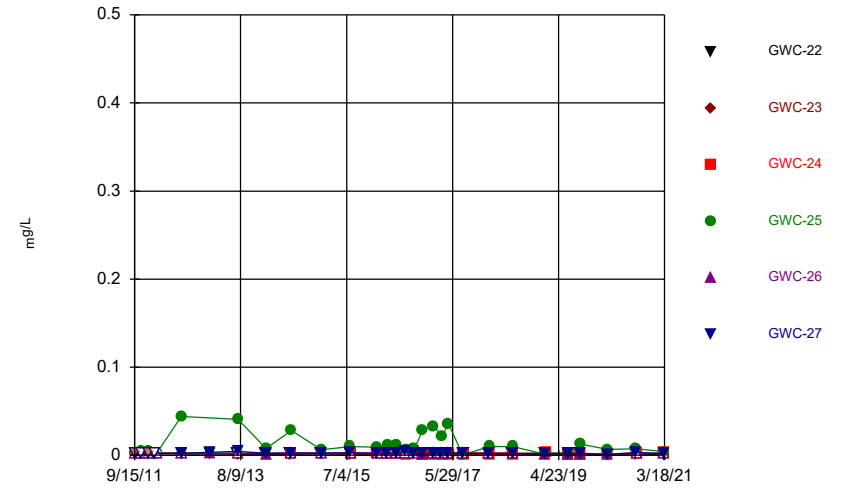
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



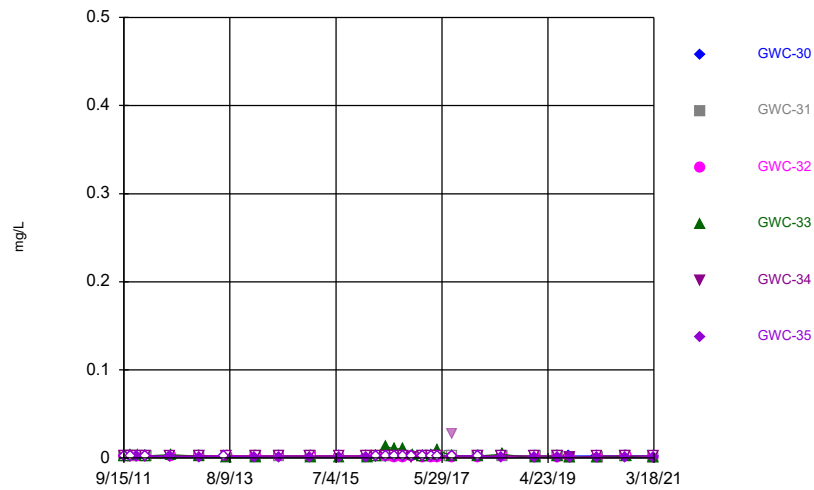
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



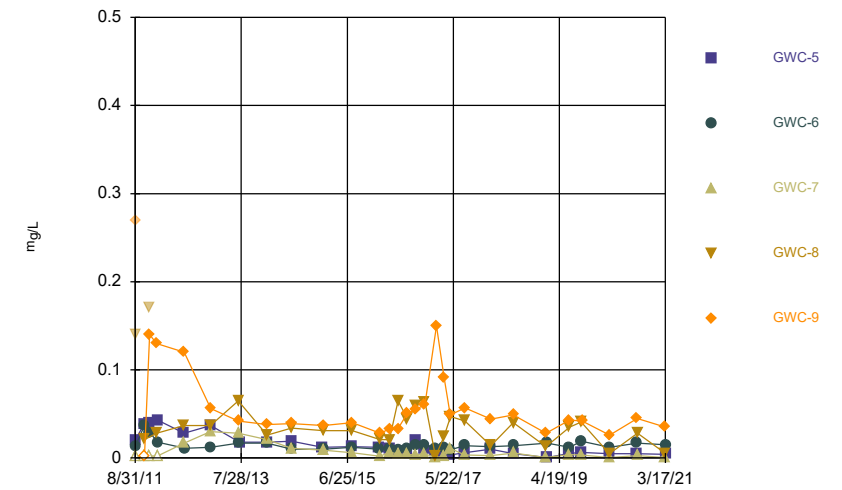
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



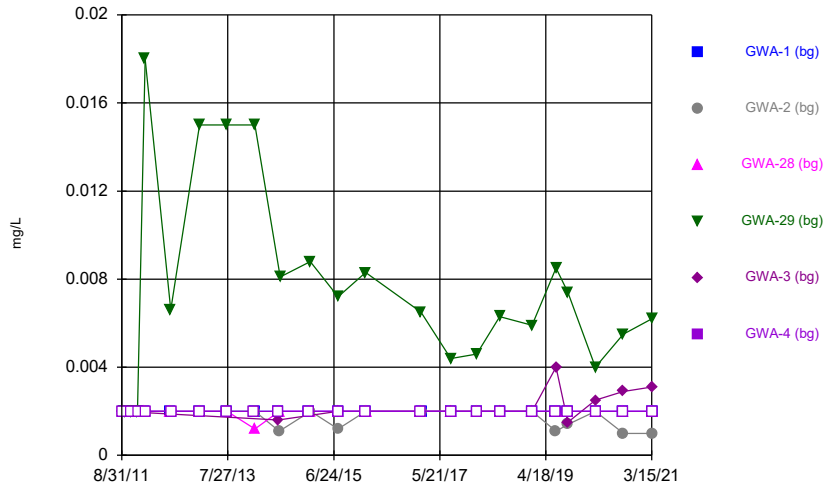
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



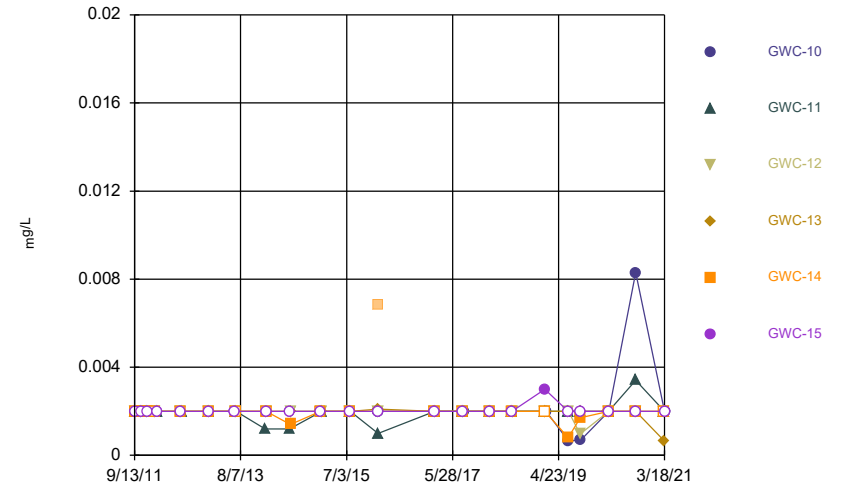
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



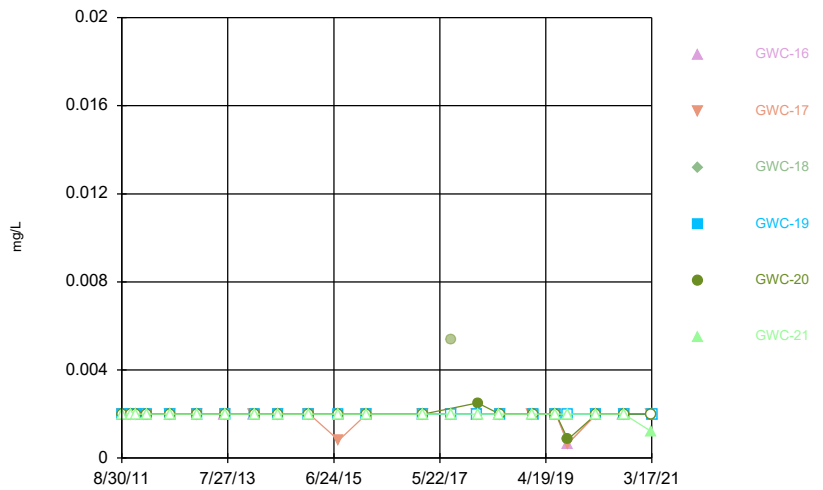
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



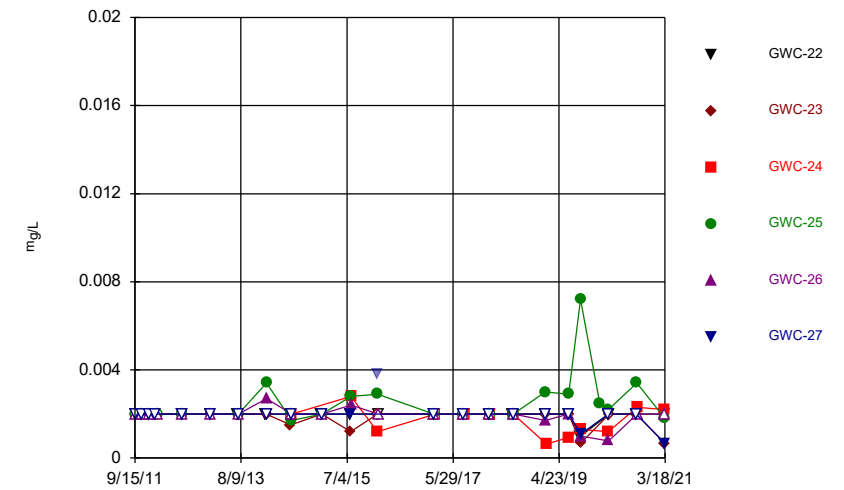
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



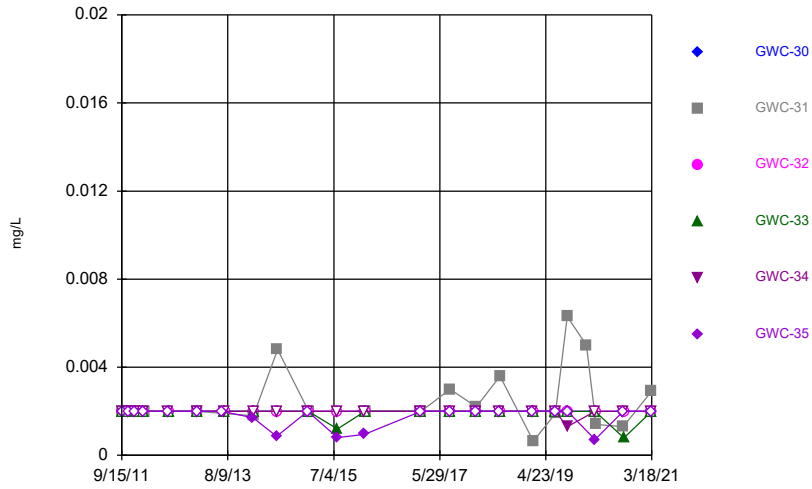
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Time Series



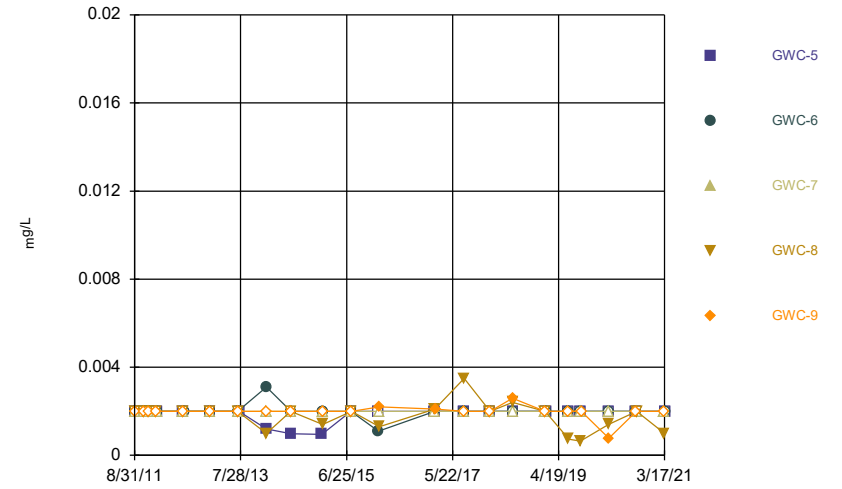
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Time Series



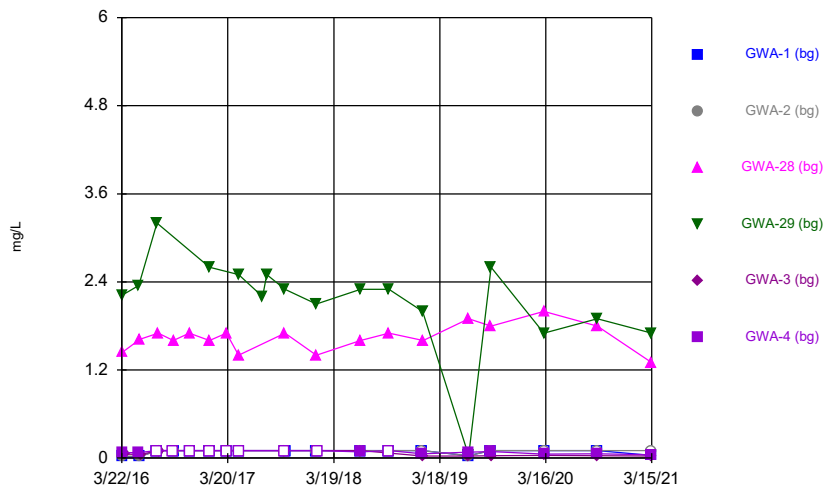
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Time Series



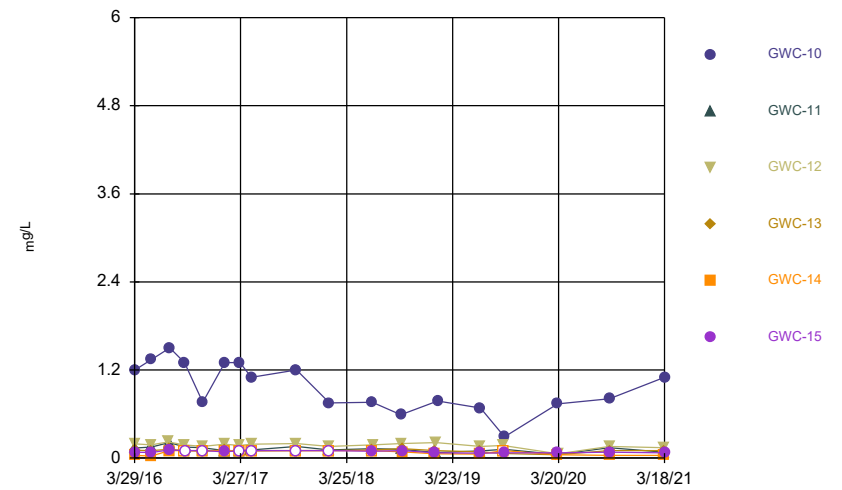
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



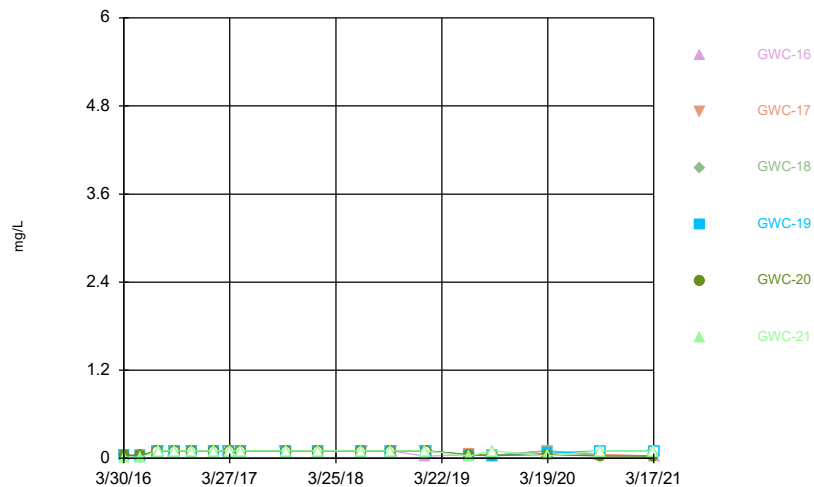
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



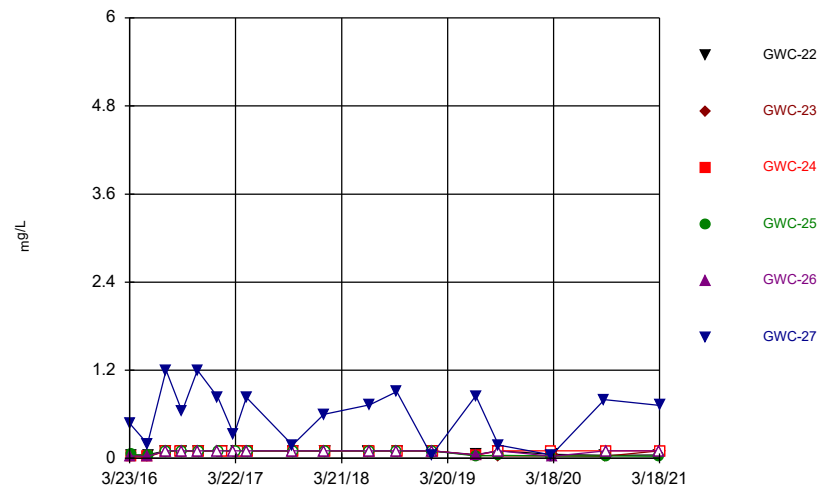
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



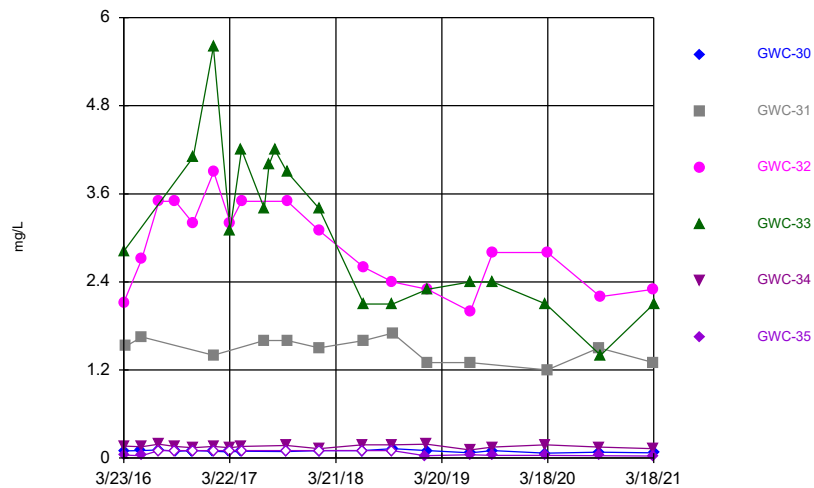
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



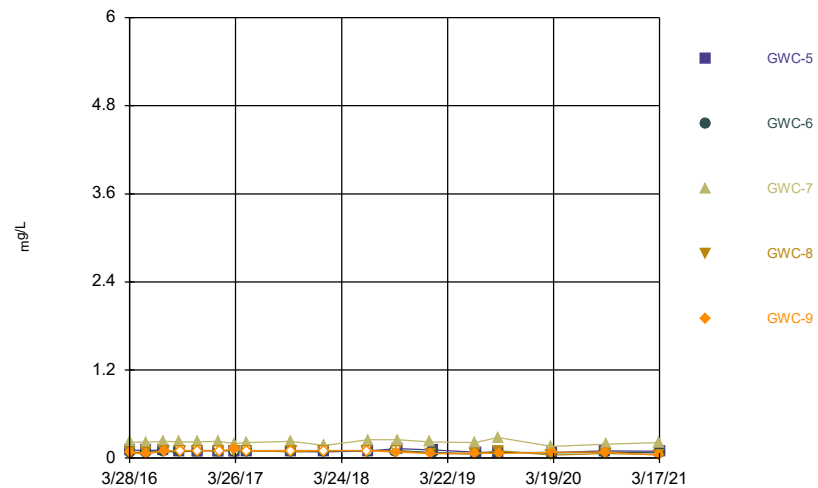
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



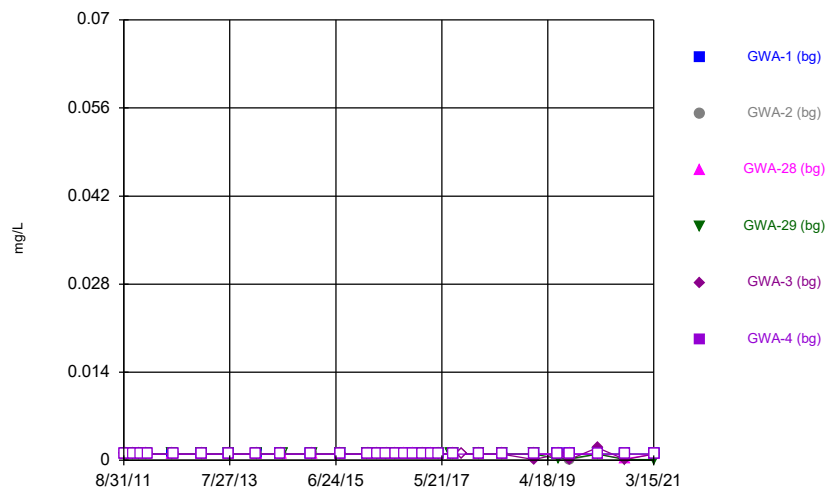
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



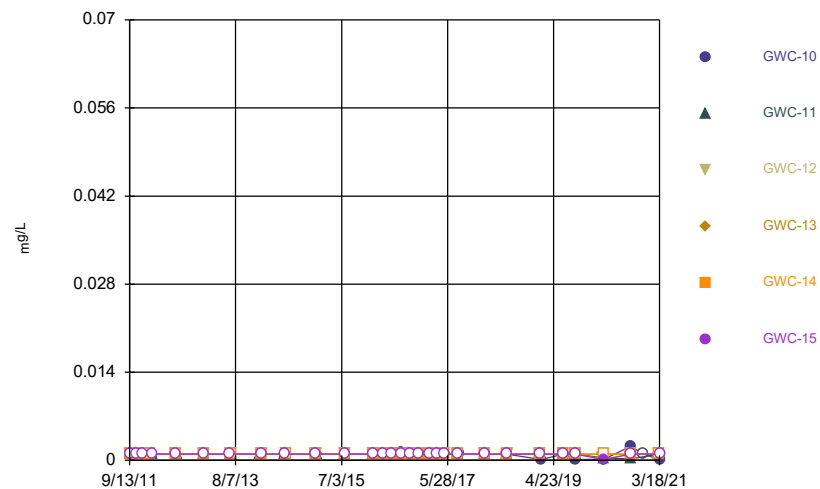
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



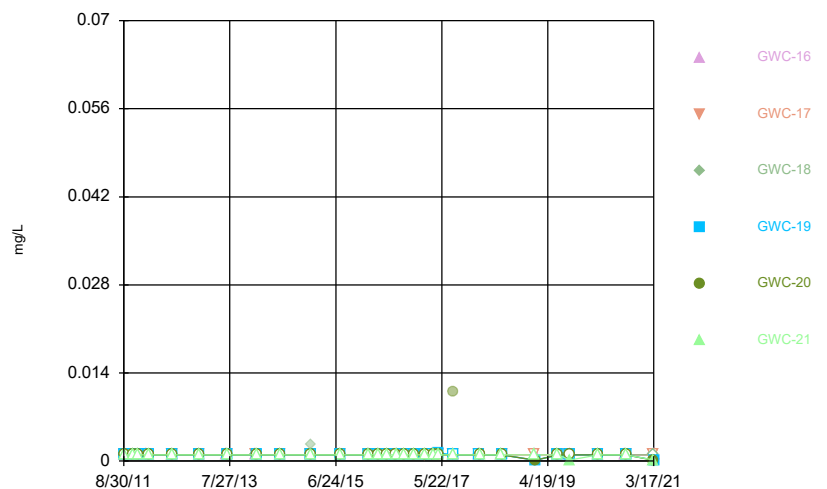
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



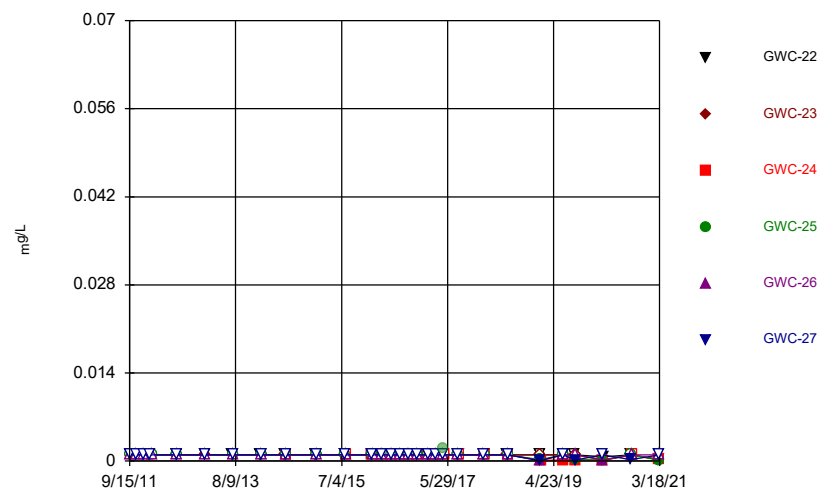
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Lead Analysis Run 4/24/2021 11:44 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

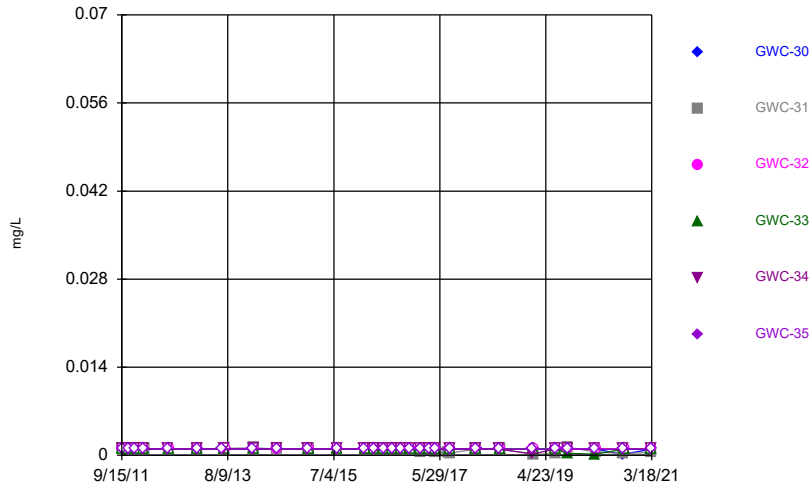
Time Series



Constituent: Lead Analysis Run 4/24/2021 11:44 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

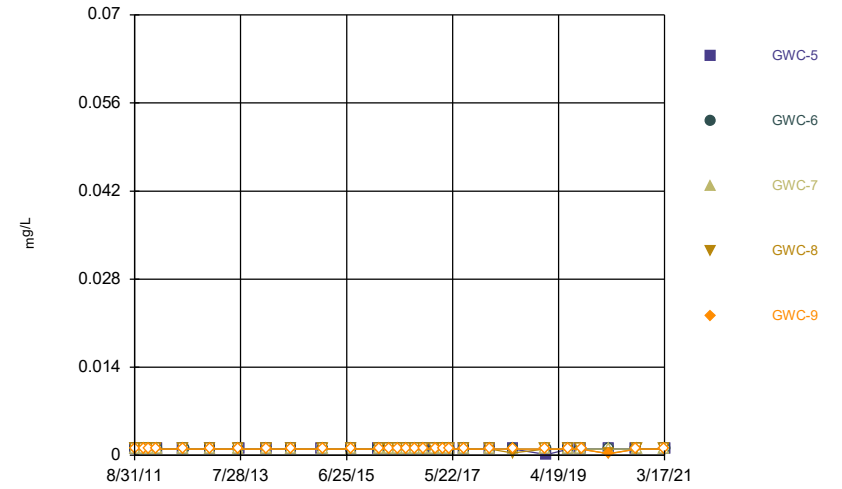
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

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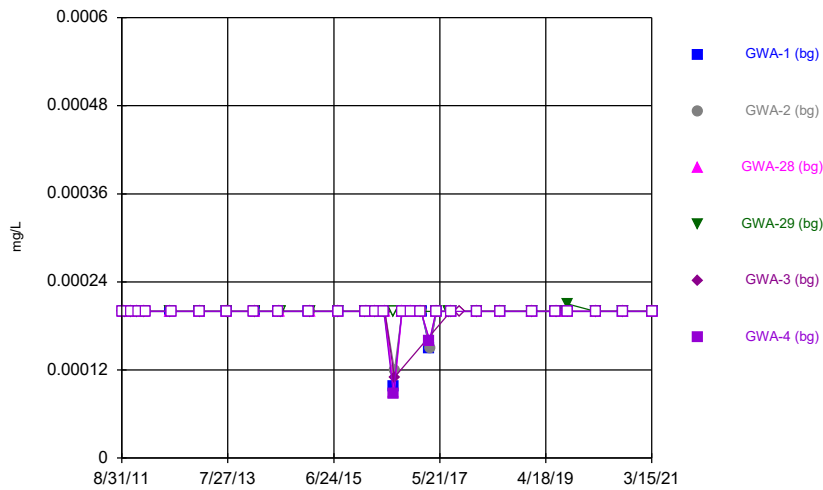
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
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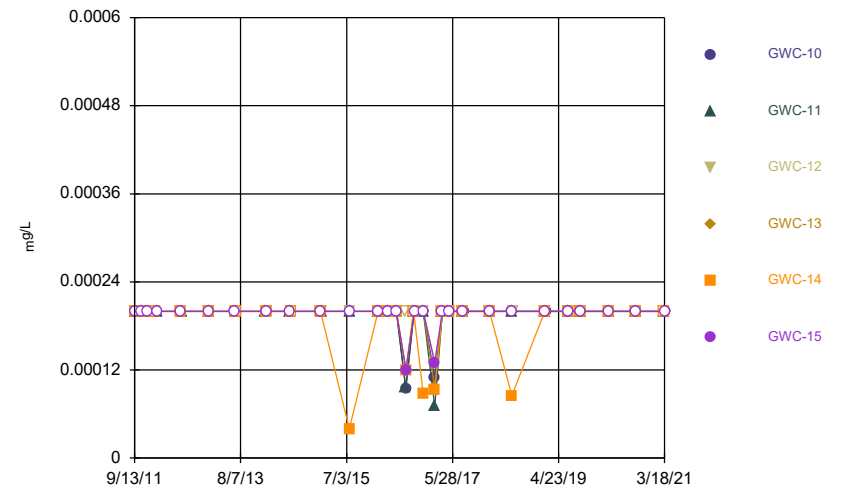
Time Series



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Plant Wansley Client: Southern Company Data: Wansley Landfill

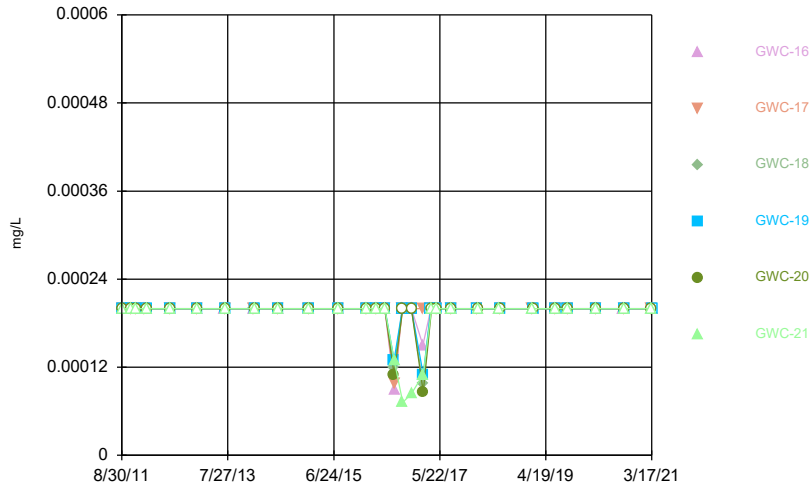
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Hollow symbols indicate censored values.

Time Series



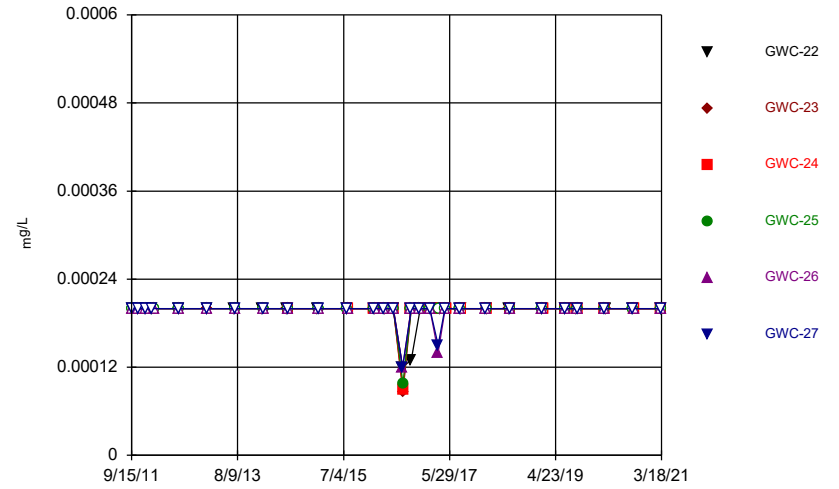
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



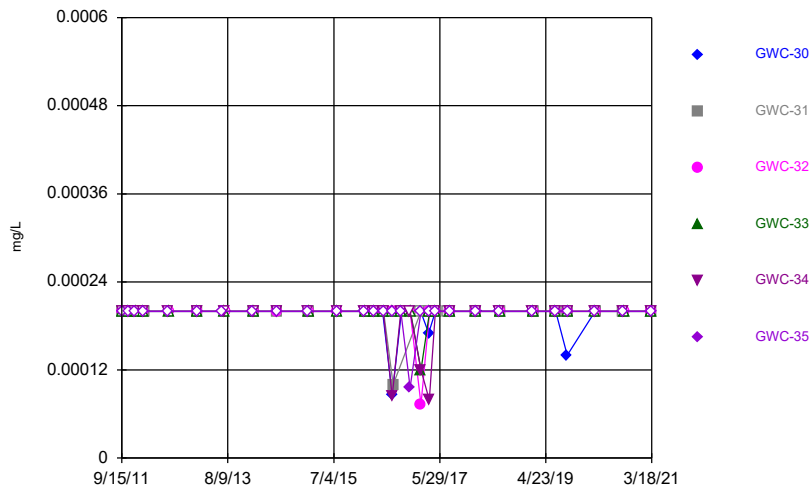
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Time Series



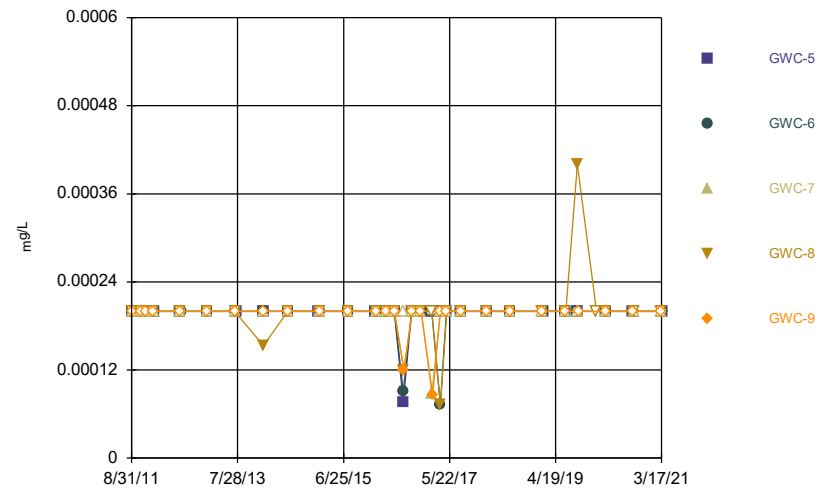
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Time Series



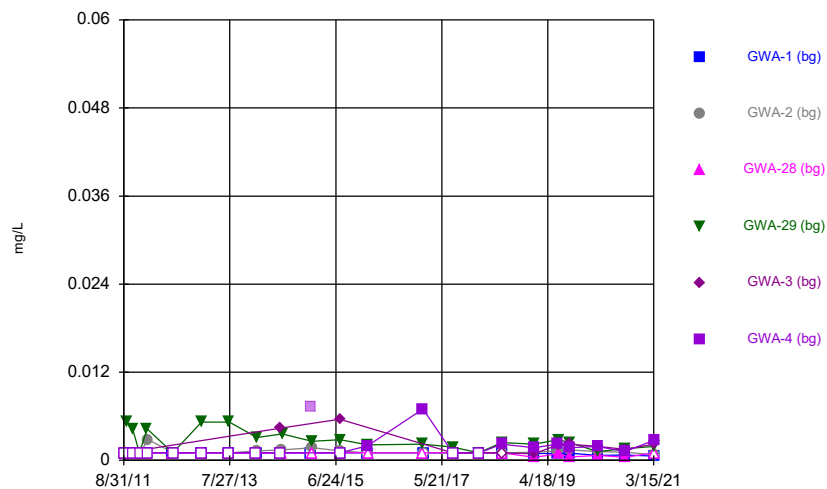
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



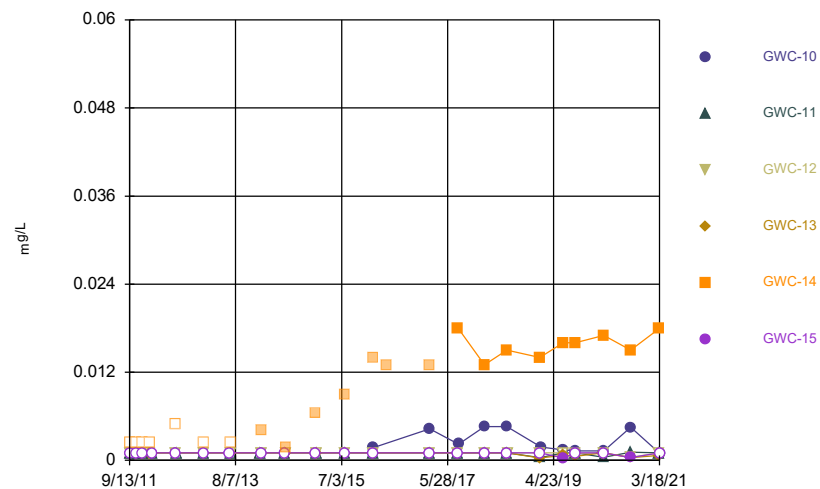
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



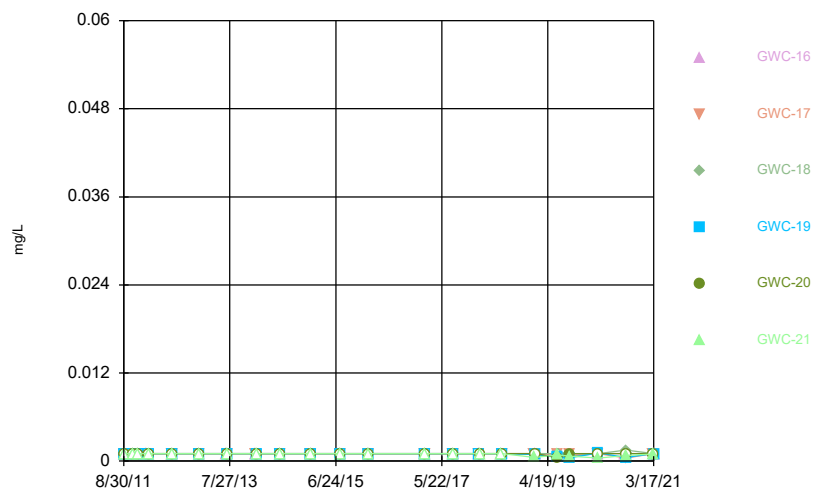
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



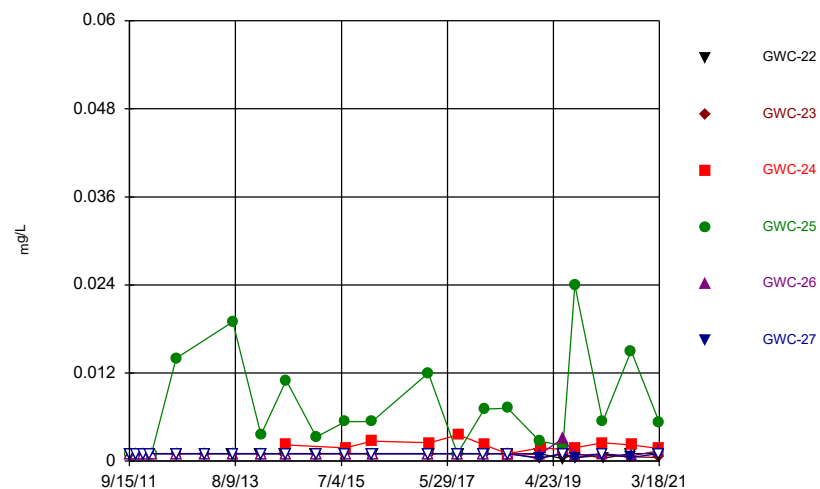
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



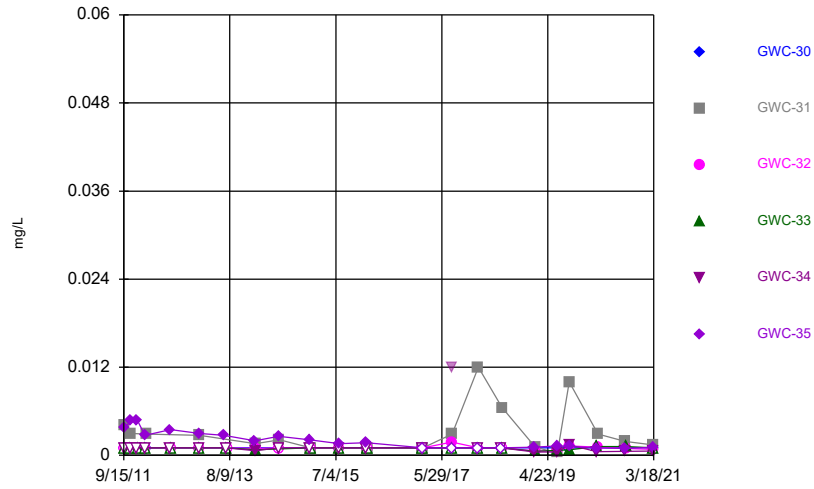
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Time Series



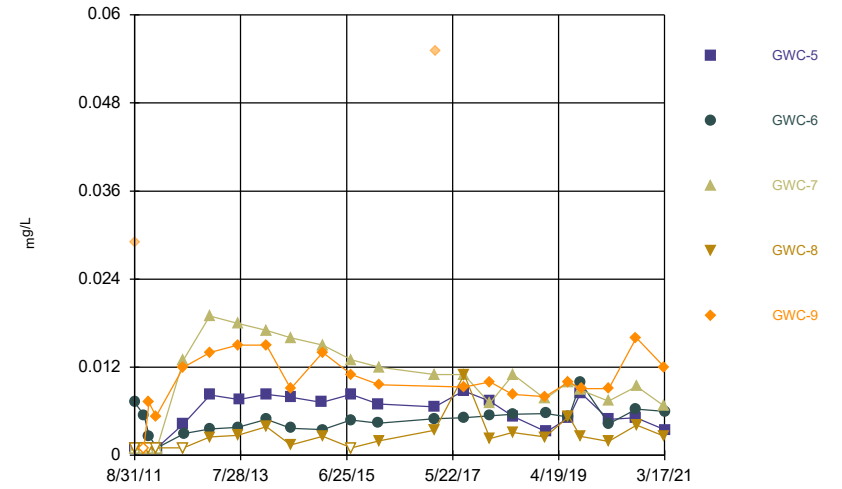
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Time Series



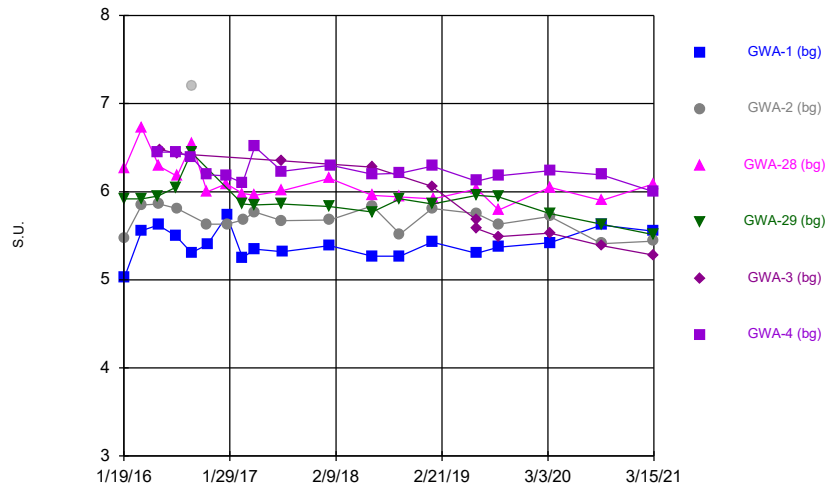
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Time Series



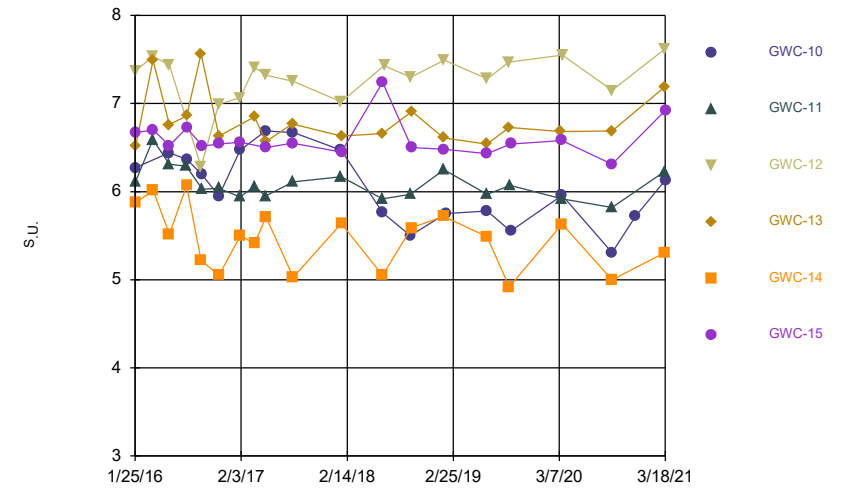
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Time Series



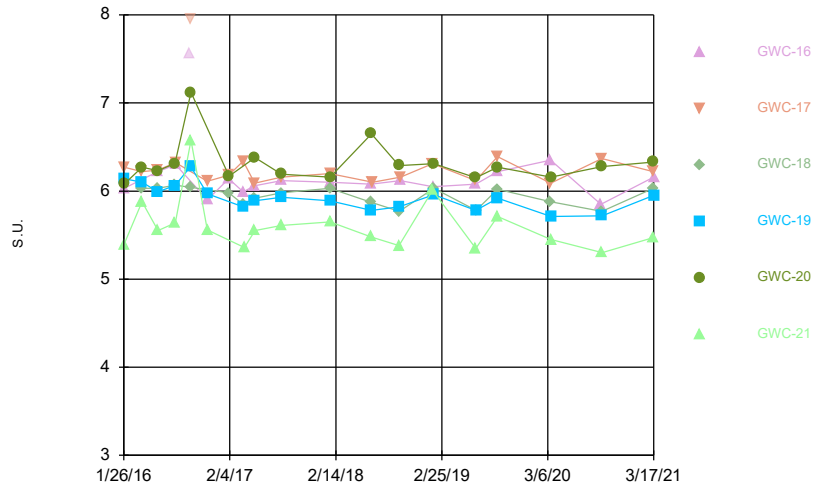
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



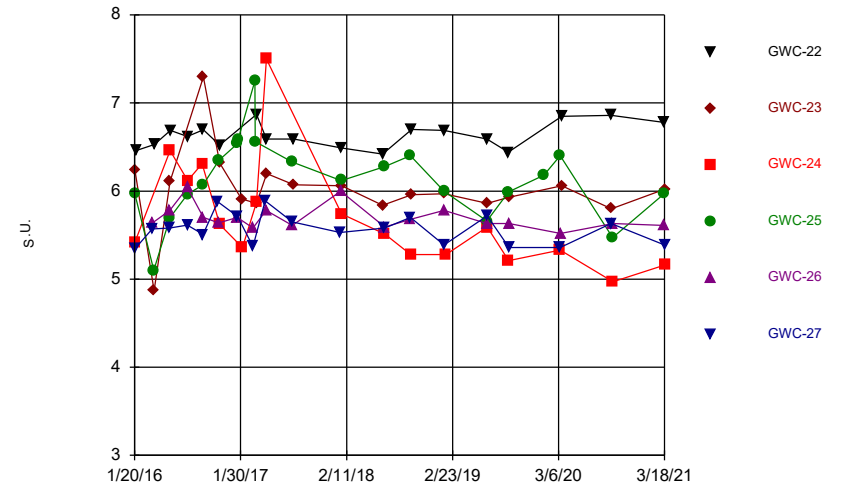
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Time Series



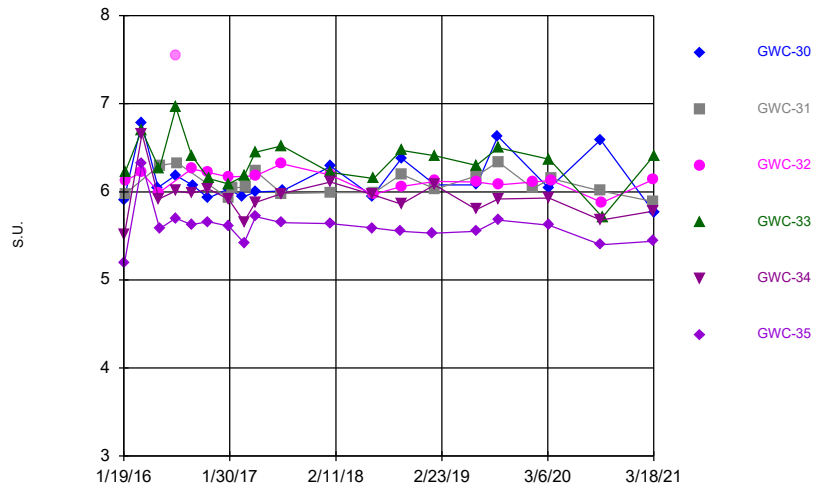
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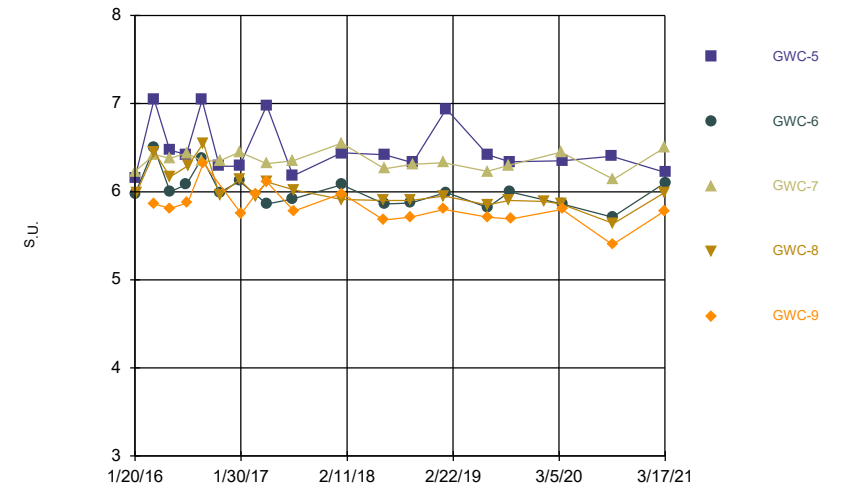
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Time Series



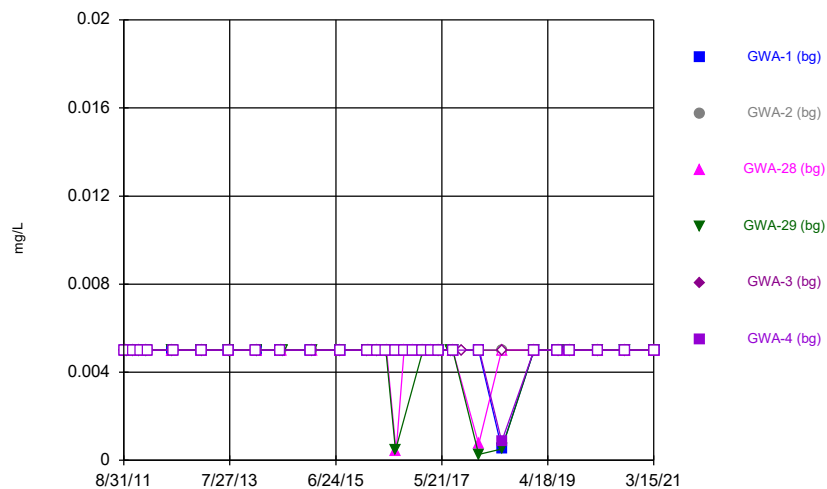
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Time Series



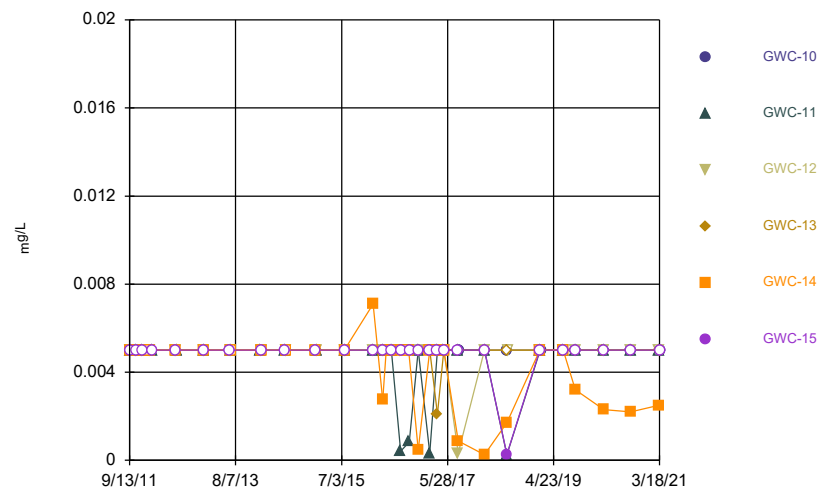
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



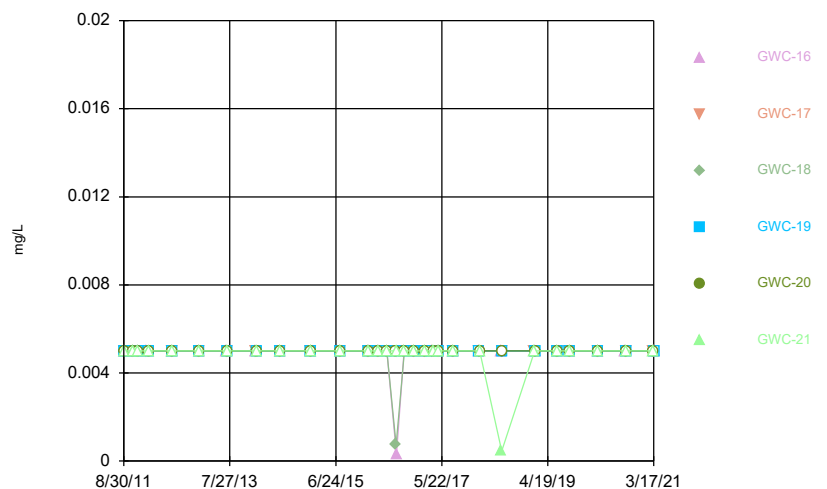
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Time Series



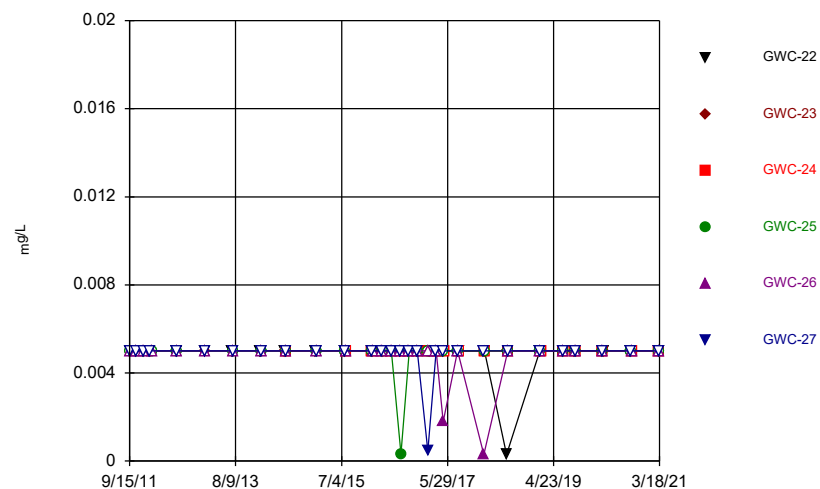
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Time Series



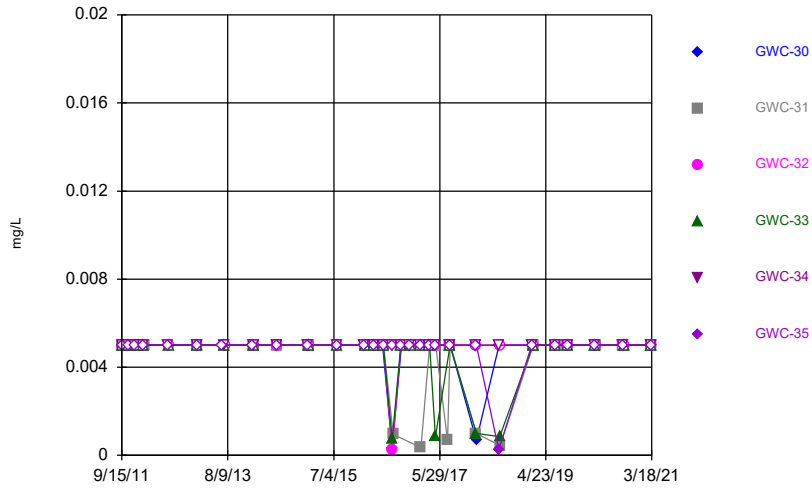
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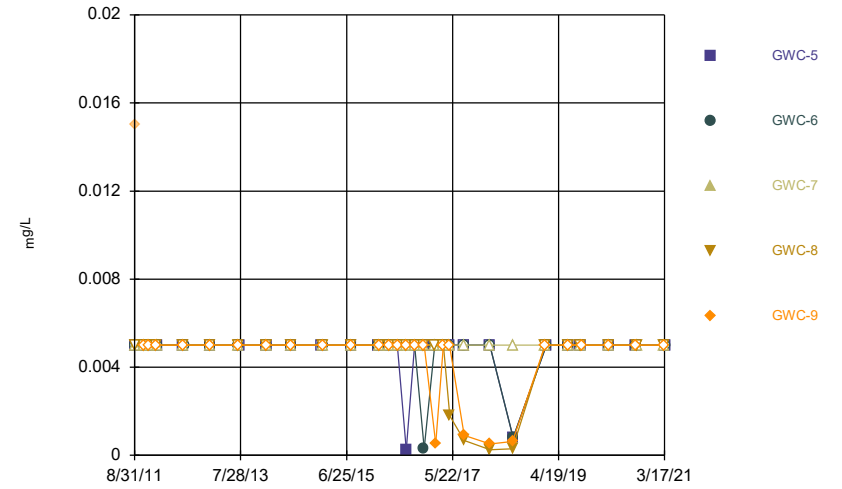
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Time Series



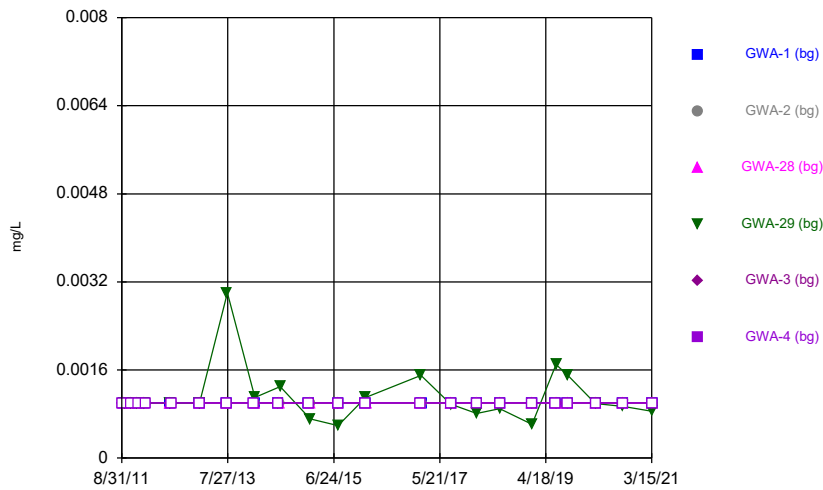
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Time Series



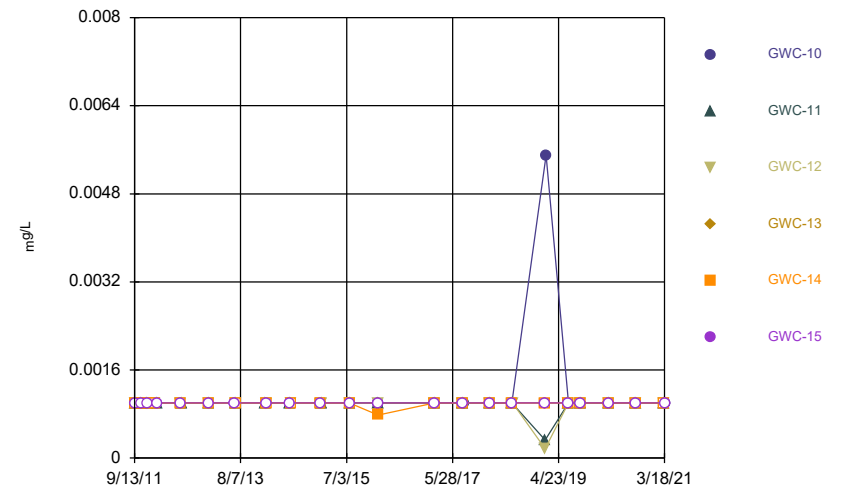
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



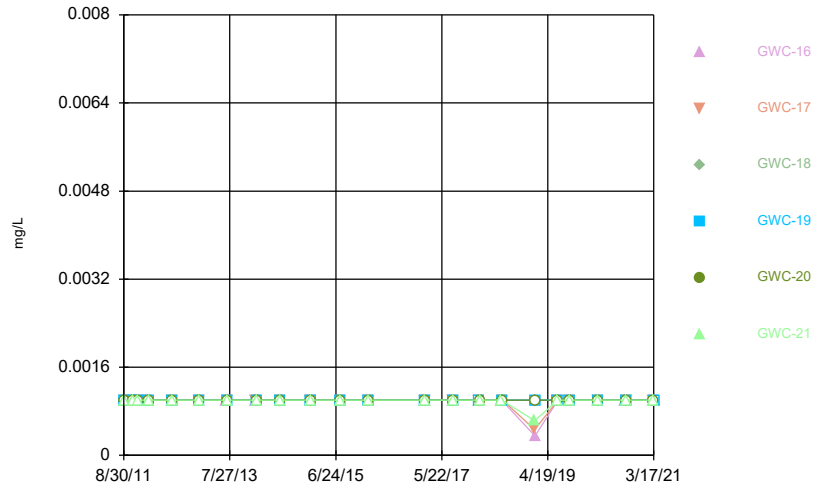
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



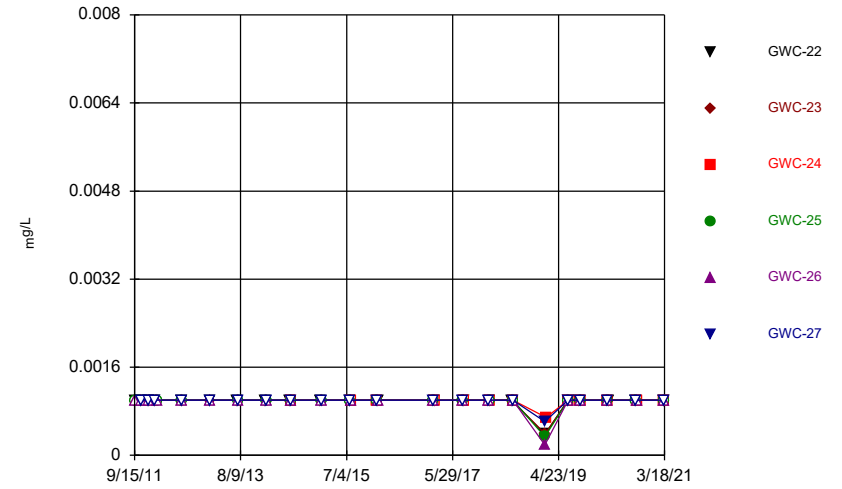
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



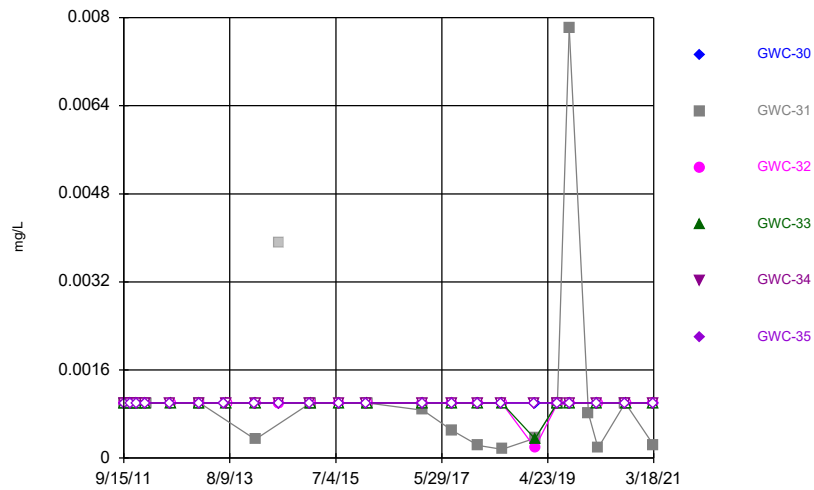
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Time Series



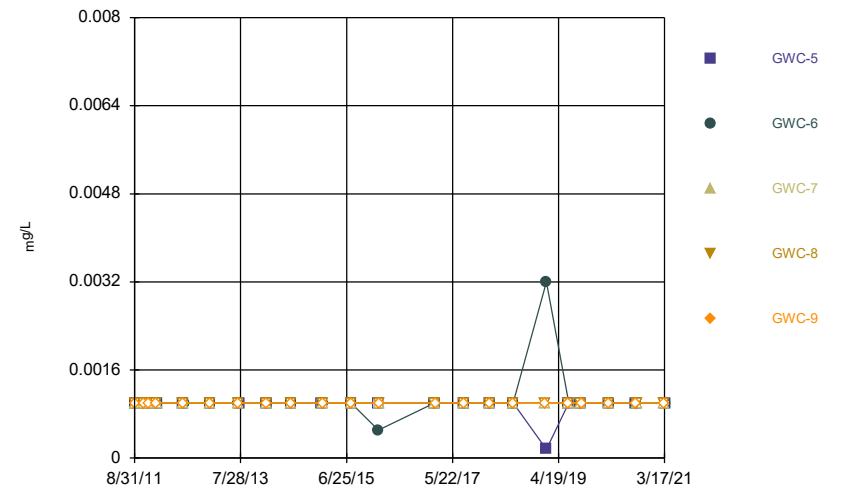
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Time Series



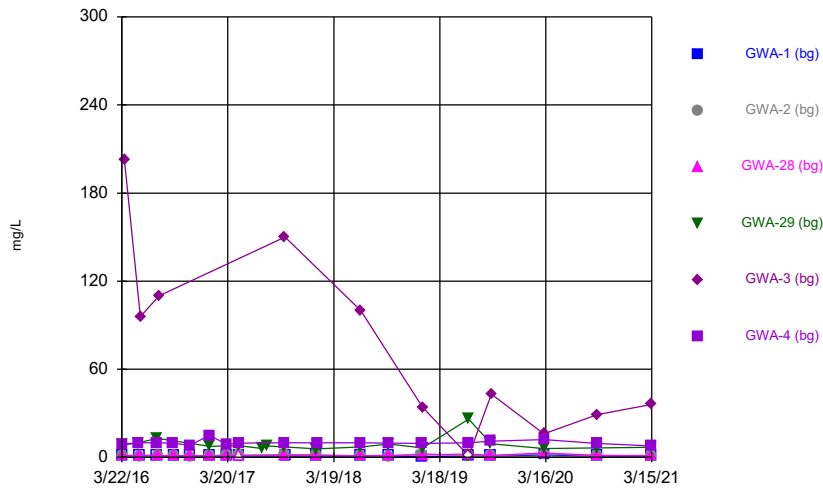
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Time Series



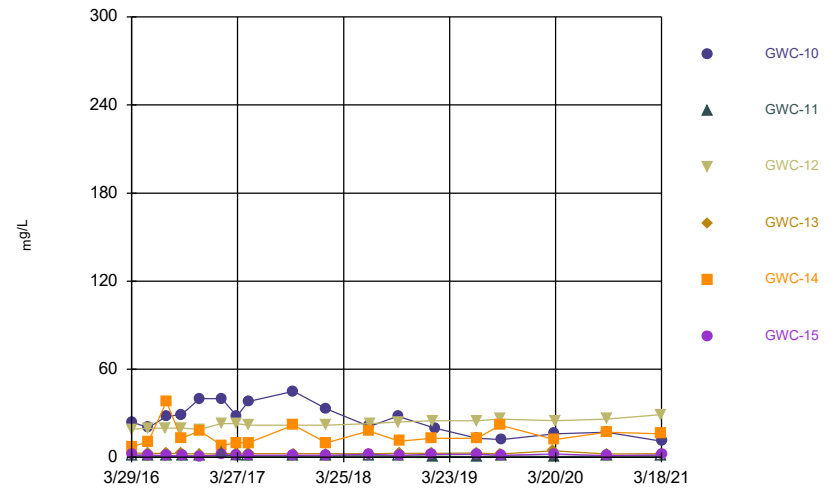
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Time Series



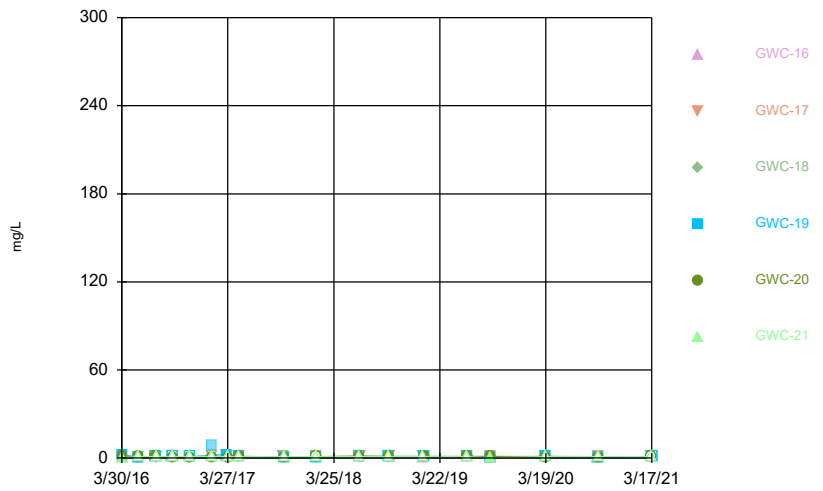
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



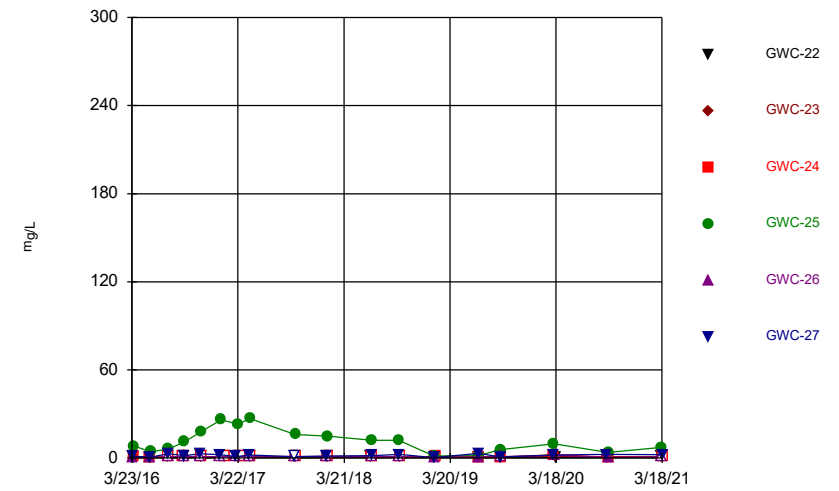
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Time Series



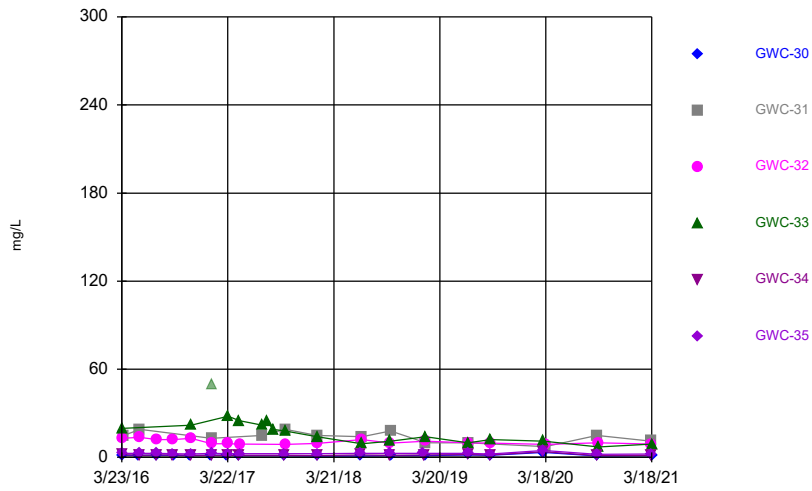
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



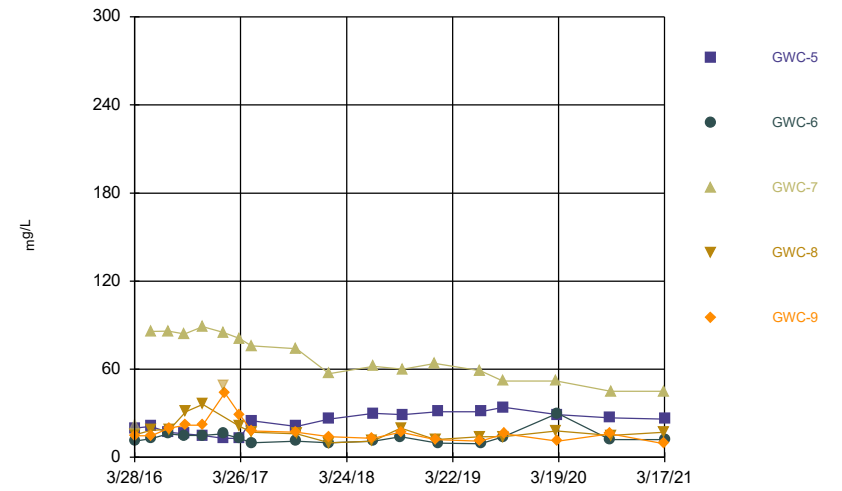
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



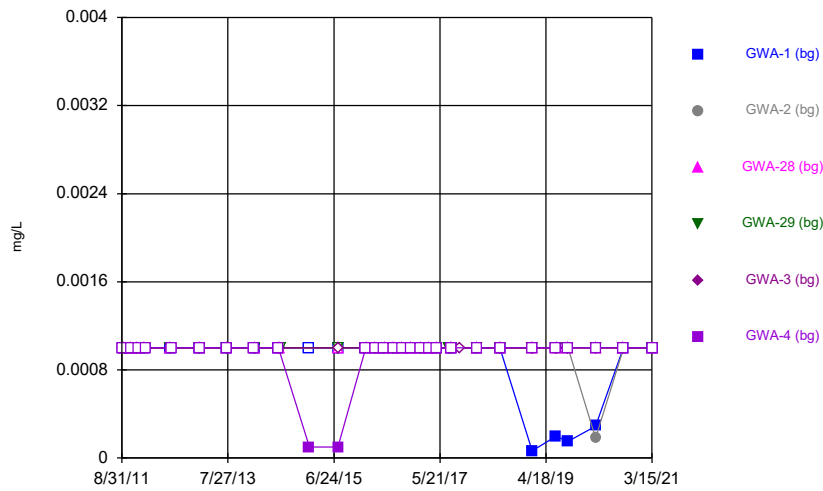
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



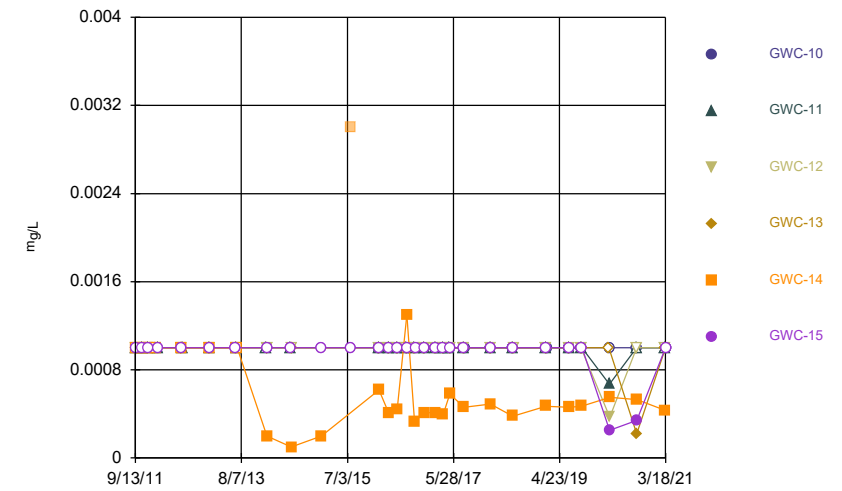
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



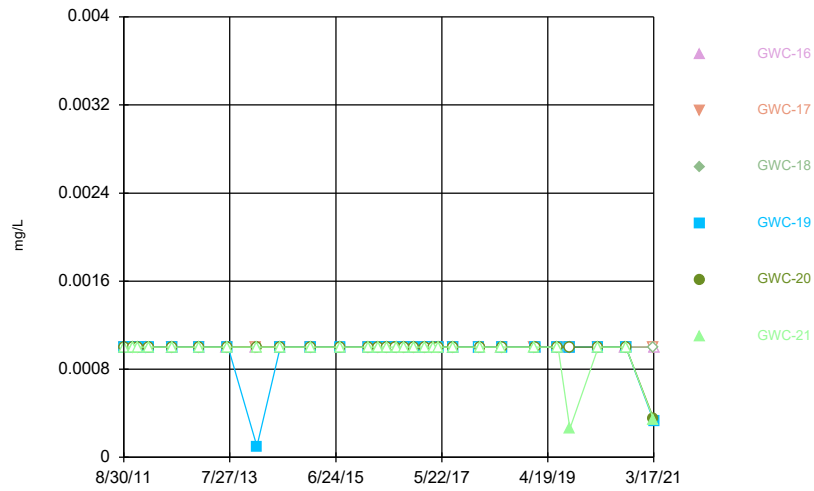
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



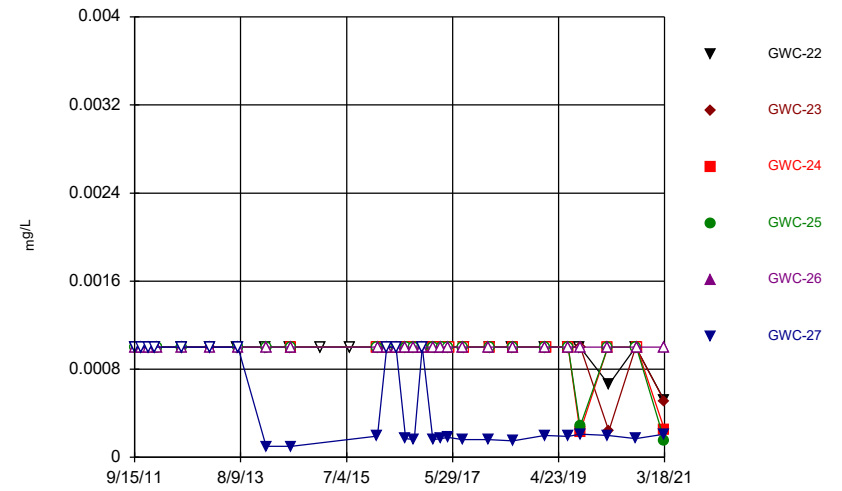
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Time Series



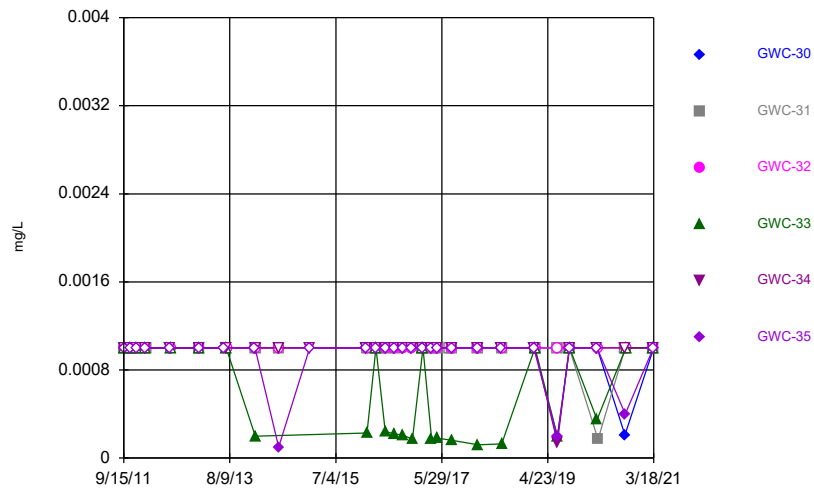
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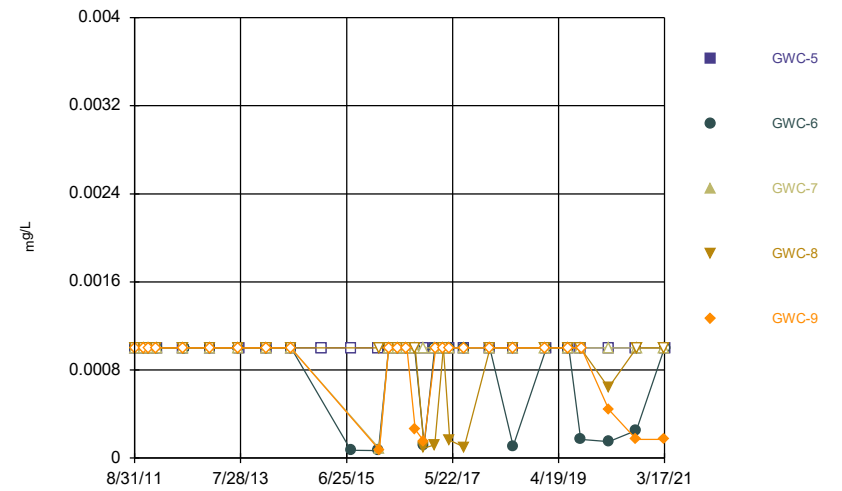
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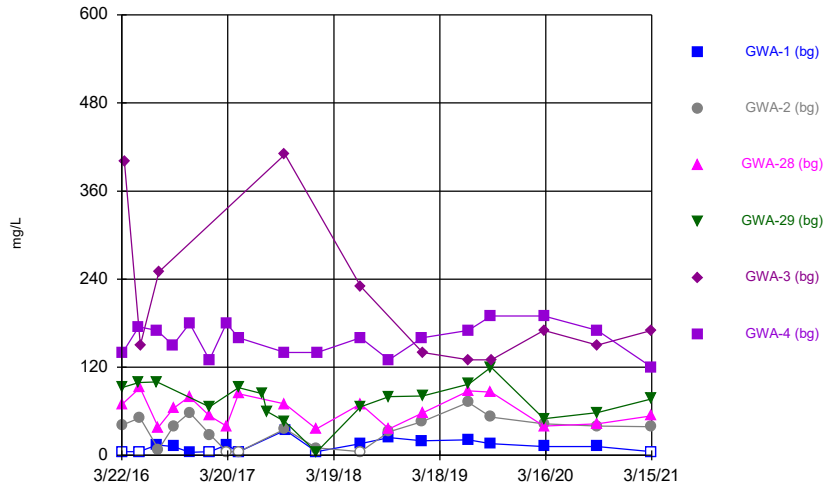
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



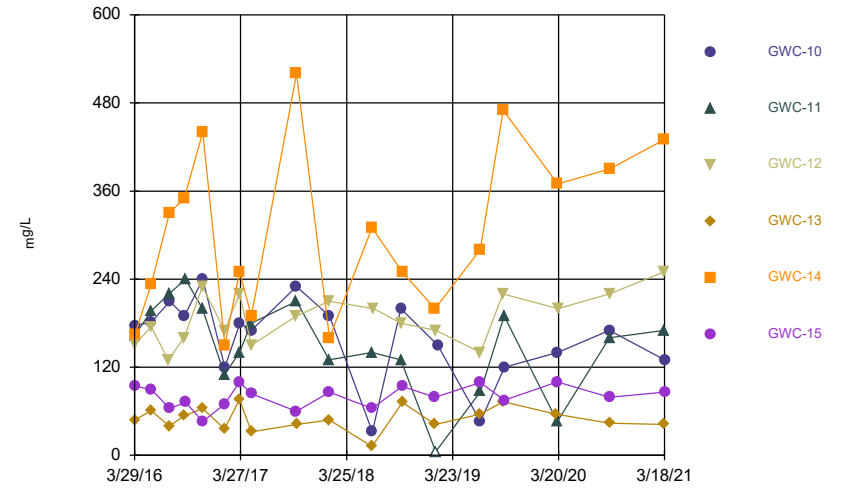
Constituent: Thallium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



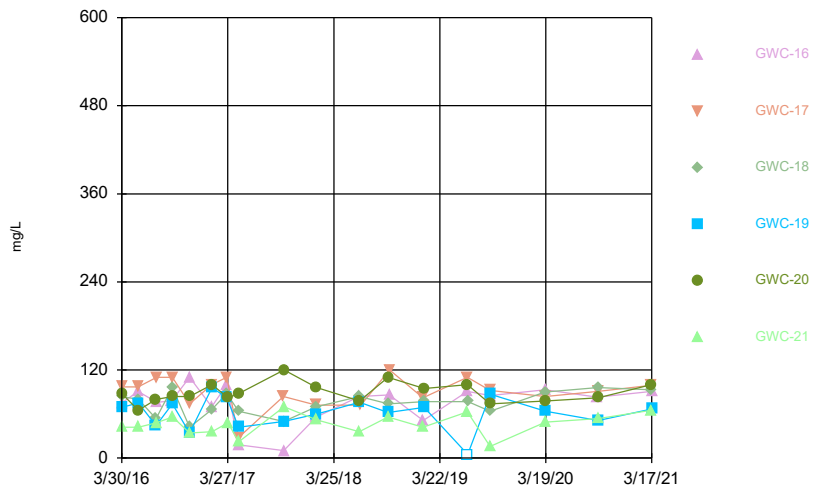
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



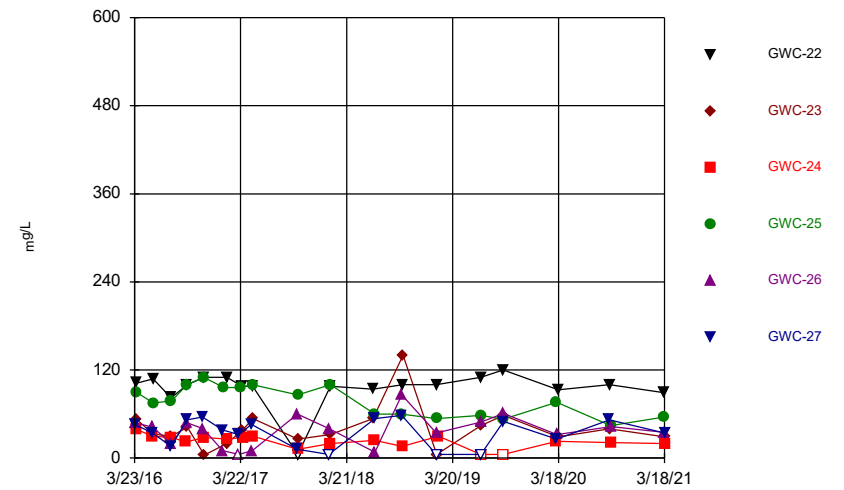
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



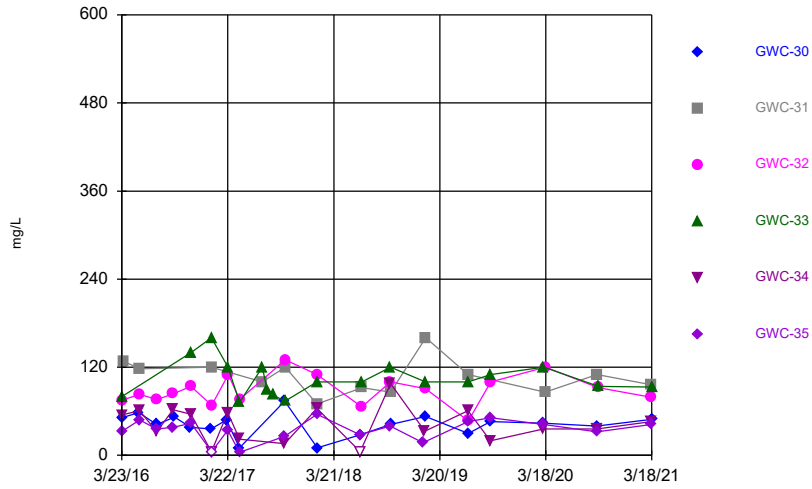
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



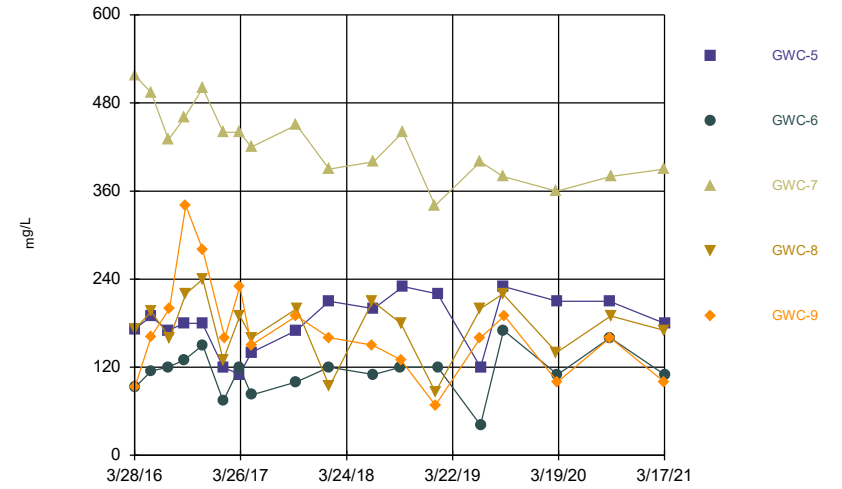
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



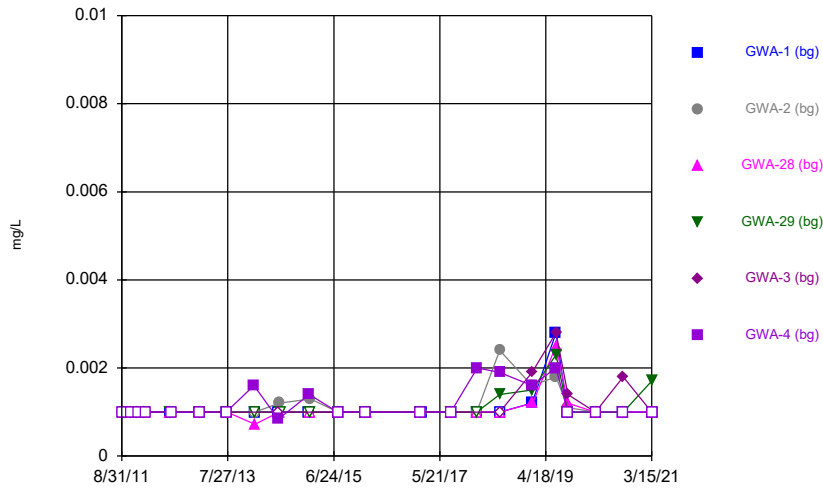
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



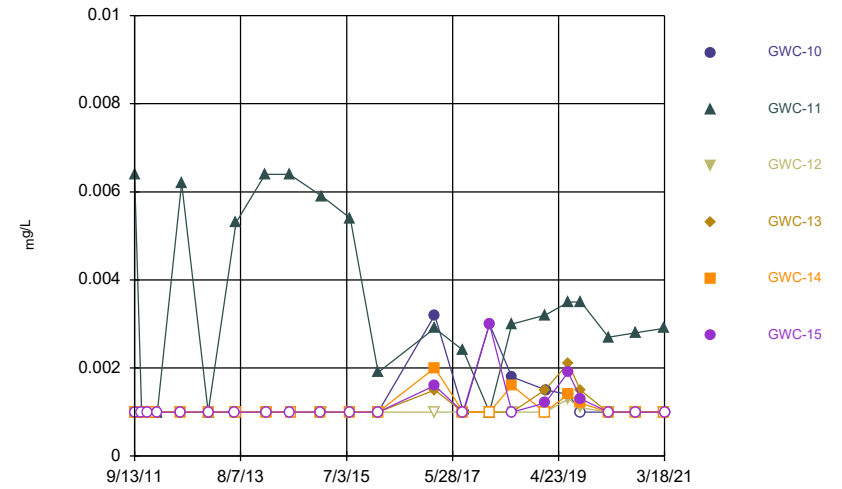
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



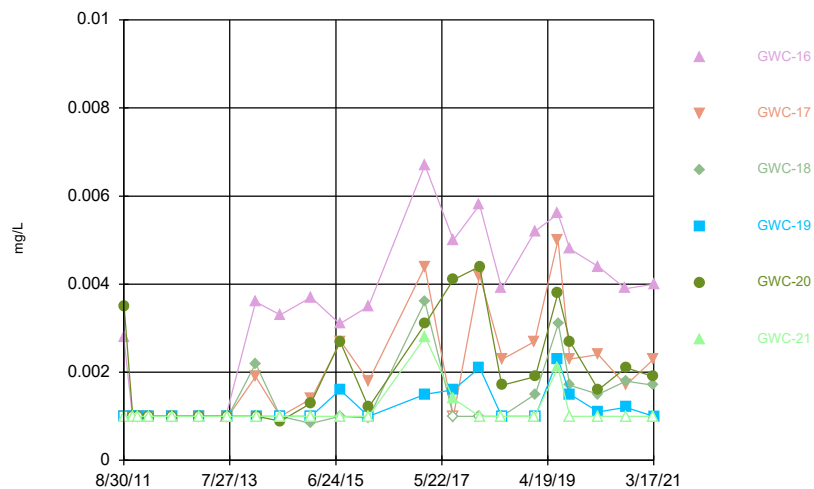
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



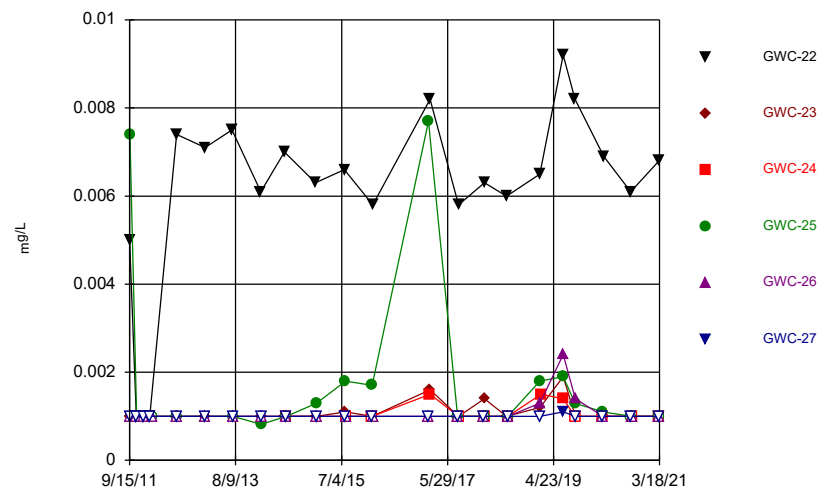
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



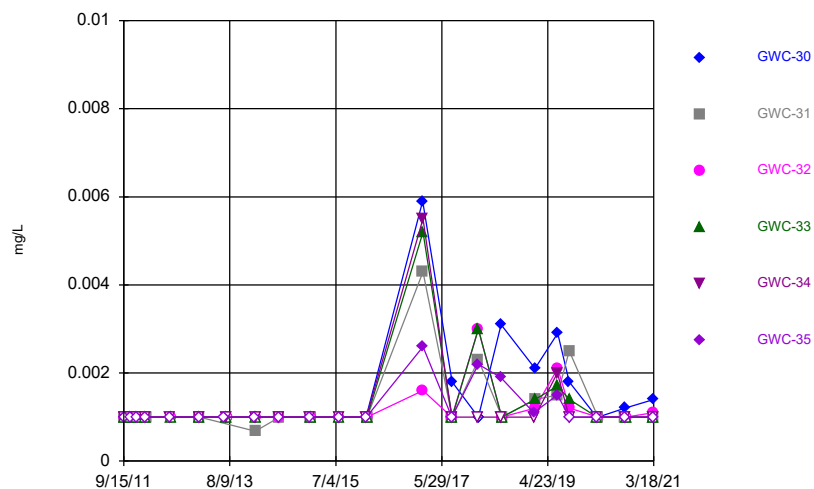
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



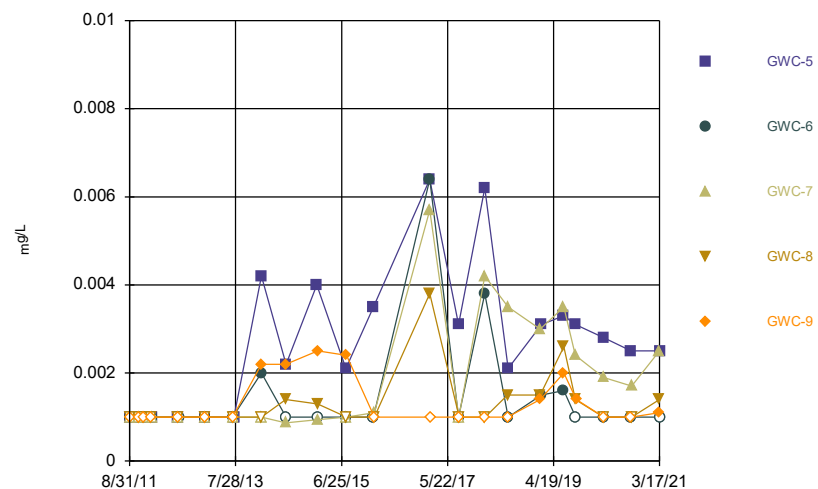
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



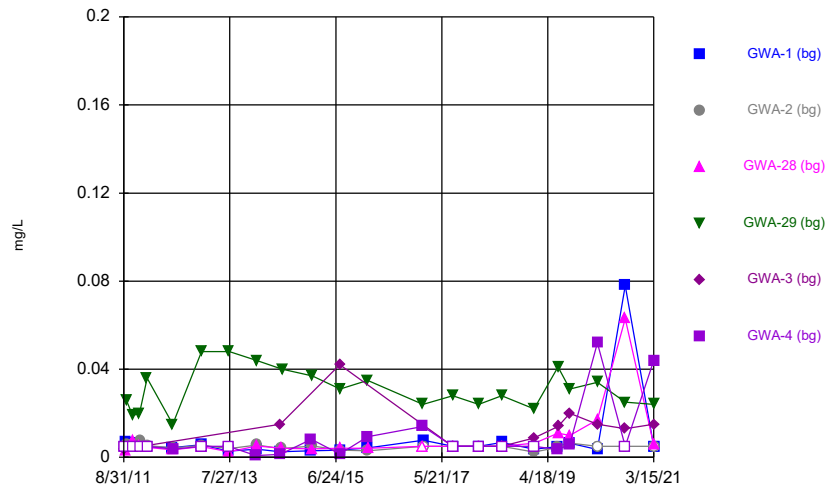
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



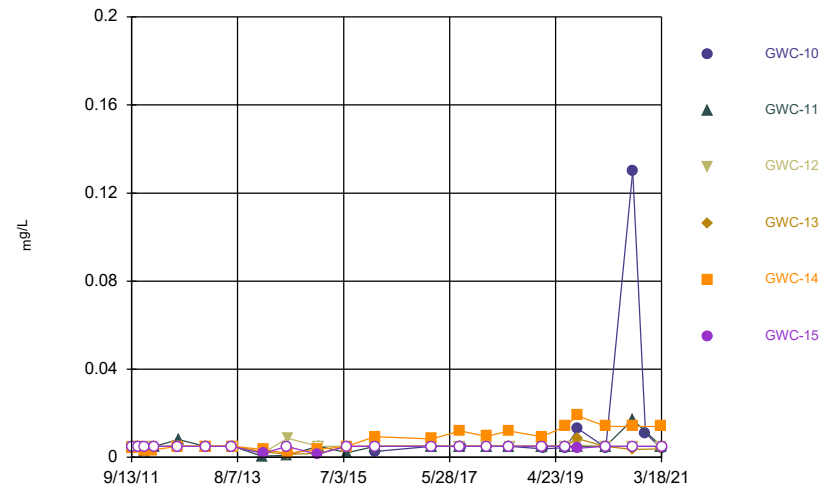
Constituent: Vanadium Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



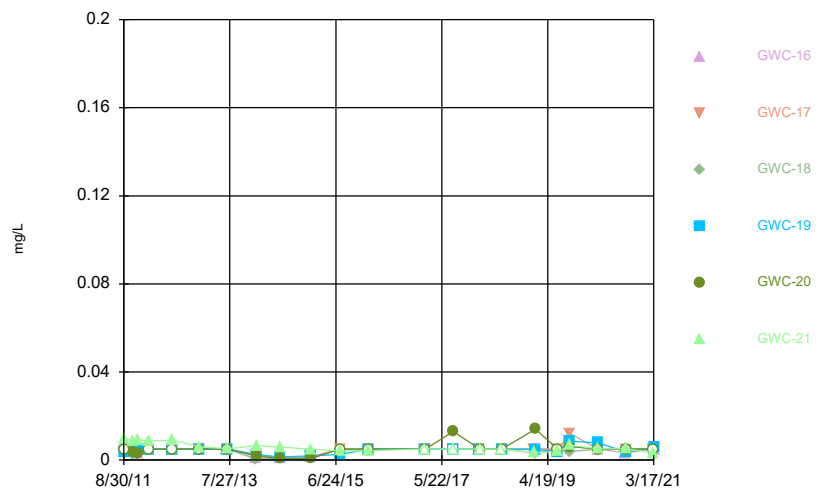
Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



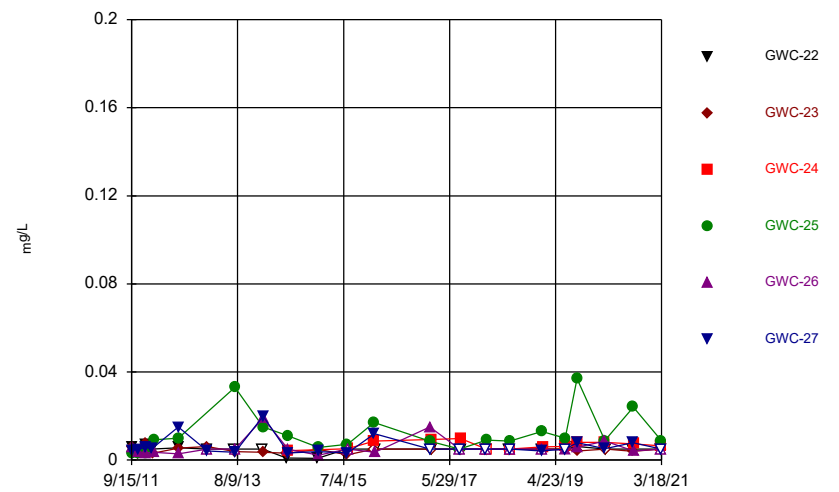
Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



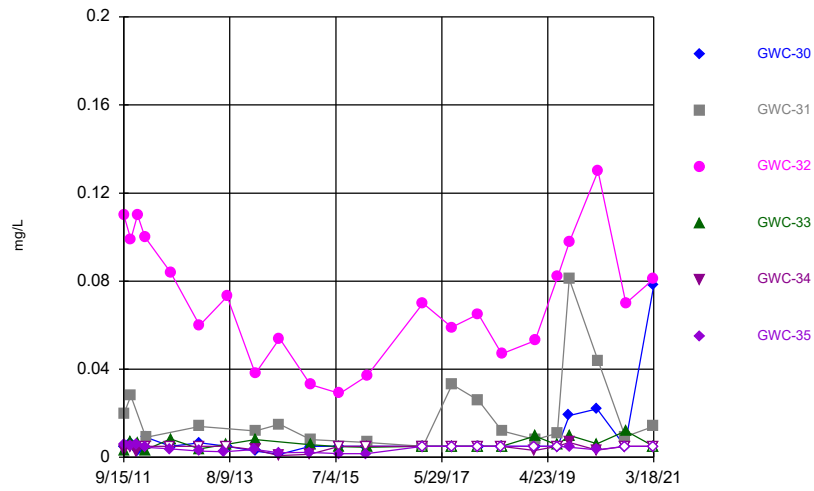
Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



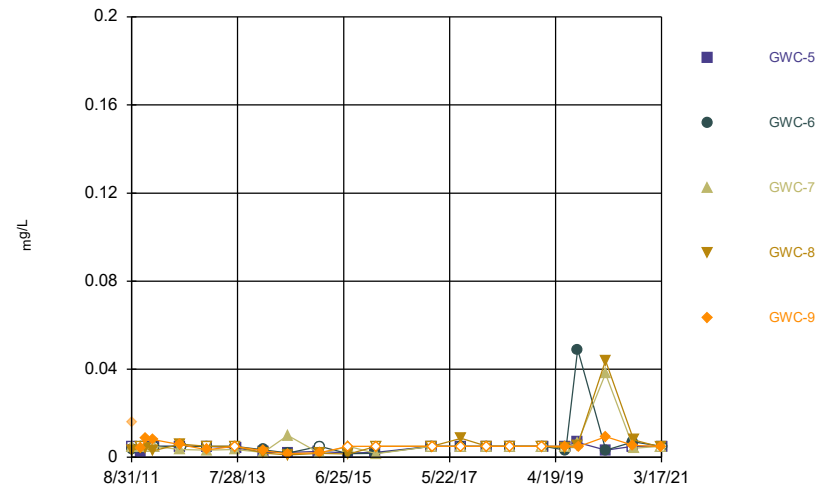
Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Zinc Analysis Run 4/24/2021 11:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<0.002
1/25/2012			<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					
7/23/2012		<0.002				<0.002
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	<0.002		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		<0.002		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	<0.002	<0.002		
6/25/2014	<0.002				<0.002	<0.002
7/1/2014		<0.002	<0.002			
7/8/2014				<0.002 (D)		
1/14/2015	<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		
1/19/2016				<0.002 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
3/22/2016			<0.002	0.00113 (J)		
3/23/2016	<0.002	0.00069 (J)				<0.002
3/31/2016					0.000602 (J)	
5/19/2016				0.00103 (J)		<0.002
5/20/2016	<0.002					
5/23/2016			0.00103 (J)			
5/24/2016		<0.002				
5/25/2016					0.000642 (J)	
7/21/2016	<0.002			0.0013 (J)		<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)			
9/16/2016		<0.002				
11/9/2016			<0.002			

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.002				<0.002
11/11/2016	<0.002					
1/17/2017			<0.002	<0.002		<0.002
1/19/2017	<0.002	<0.002				
3/16/2017	<0.002		<0.002			<0.002
3/17/2017		<0.002				
4/27/2017			<0.002	<0.002		<0.002
4/28/2017	<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					
10/3/2017					<0.002	
1/19/2018	<0.002	<0.002	<0.002	<0.002		
1/22/2018						<0.002
6/19/2018	<0.002	<0.002	<0.002	<0.002		<0.002
6/20/2018					<0.002	
1/17/2019	<0.002	<0.002				<0.002
1/18/2019				<0.002	<0.002	
1/21/2019			<0.002			
6/24/2019	<0.002	<0.002				<0.002
6/25/2019			<0.002	<0.002	<0.002	
9/9/2019	<0.002					
9/10/2019		<0.002	<0.002	<0.002		<0.002
9/11/2019					<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002
9/10/2020		<0.002				
3/15/2021	<0.002	<0.002	<0.002	0.00047 (J)	<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.002	<0.002	<0.002	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		<0.002	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		<0.002	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/9/2012		<0.002				<0.002
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<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
6/25/2014		<0.002				
7/1/2014			<0.002	<0.002	<0.002	
1/14/2015					<0.002	<0.002
1/21/2015		<0.002	<0.002	<0.002		
7/22/2015					<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			
1/27/2016				<0.002	<0.002	<0.002
3/29/2016		<0.002	<0.002	<0.002		
3/30/2016	<0.002				<0.002	<0.002
5/25/2016	0.000703 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
7/22/2016			<0.002			
7/25/2016		<0.002				
7/26/2016				<0.002	<0.002	<0.002
7/27/2016	<0.002					
9/15/2016			<0.002	<0.002	<0.002	
9/16/2016	<0.002					
9/19/2016		<0.002				
9/20/2016						<0.002
11/16/2016		<0.002	<0.002			
11/17/2016	<0.002			<0.002	<0.002	<0.002
1/31/2017		<0.002	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
3/23/2017		<0.002	<0.002	<0.002	<0.002	<0.002
3/24/2017	<0.002					
5/2/2017		<0.002				
5/3/2017	<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	
8/8/2017	<0.002					
1/24/2018		<0.002	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		<0.002		<0.002	<0.002	<0.002
6/21/2018	<0.002					

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.002			
1/22/2019				<0.002	<0.002	<0.002
1/24/2019		<0.002				
1/25/2019			<0.002			
1/31/2019	0.00048 (J)					
6/25/2019				<0.002	<0.002	<0.002
6/26/2019	<0.002	<0.002	<0.002			
9/11/2019			<0.002			
9/12/2019				<0.002	<0.002	
9/16/2019		<0.002				
9/17/2019	<0.002					<0.002
3/12/2020				<0.002		
3/16/2020		<0.002				<0.002
3/17/2020	<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
3/16/2021			<0.002			
3/17/2021		<0.002		0.00075 (J)	<0.002	
3/18/2021	<0.002					<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.002	<0.002	<0.002	<0.002		
8/31/2011					<0.002	<0.002
10/26/2011	<0.002	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<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	<0.002	
7/17/2012						<0.002
1/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	<0.002					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	<0.002	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002				
1/13/2015	<0.002		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	<0.002					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		<0.002				
1/26/2016						<0.002
1/27/2016	<0.002	<0.002	<0.002	<0.002	<0.002	
3/30/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/25/2016	<0.002	<0.002				
5/26/2016			<0.002	<0.002	<0.002	<0.002
7/25/2016			0.0022 (J)	<0.002	<0.002	
7/26/2016						<0.002
7/27/2016	<0.002	<0.002				
9/16/2016	<0.002					
9/19/2016		<0.002	<0.002	<0.002		
9/20/2016					<0.002	<0.002
11/17/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/1/2017	<0.002	<0.002	<0.002			
2/2/2017				<0.002	<0.002	<0.002
3/24/2017	<0.002	<0.002	<0.002	<0.002		
3/28/2017					<0.002	<0.002
5/3/2017	<0.002	<0.002	<0.002	<0.002		
5/4/2017					<0.002	<0.002
8/7/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1/25/2018	<0.002	<0.002	<0.002	<0.002		
1/26/2018					<0.002	<0.002
6/20/2018	<0.002					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		<0.002				<0.002
1/25/2019	<0.002					
1/28/2019			<0.002	<0.002	<0.002	
6/25/2019	<0.002	<0.002			<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.002		
6/27/2019			<0.002			
9/11/2019	<0.002	<0.002	<0.002		<0.002	<0.002
9/12/2019				<0.002		
3/17/2020	<0.002	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	<0.002					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	<0.002
3/17/2021	<0.002			<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		<0.002				
9/17/2011				<0.002	<0.002	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				<0.002	<0.002	
7/17/2012				<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002				
1/22/2013	<0.002	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		<0.002				
7/24/2013				<0.002	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				<0.002	<0.002	<0.002
6/25/2014	<0.002					
7/1/2014		<0.002				
7/8/2014			<0.002	<0.002	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	<0.002	<0.002				
7/29/2015		<0.002				
7/30/2015				<0.002		<0.002
7/31/2015			<0.002		<0.002	
1/20/2016			<0.002			
1/21/2016		<0.002		<0.002		
1/22/2016						<0.002
1/25/2016					<0.002	
1/26/2016	<0.002					
3/23/2016						<0.002
3/24/2016					0.000653 (J)	
3/28/2016				<0.002		
3/29/2016		0.000665 (J)				
3/30/2016			0.00174 (J)			
3/31/2016	<0.002					
5/24/2016						<0.002
5/25/2016		<0.002	0.00163 (J)	0.00151 (J)	0.000943 (J)	
5/26/2016	<0.002					
7/26/2016	0.001 (J)				<0.002	0.0013 (J)
7/27/2016		<0.002	0.0019 (J)	<0.002		
9/16/2016			0.002 (J)			
9/19/2016				<0.002	<0.002	<0.002
9/20/2016	<0.002	<0.002				
11/11/2016						<0.002
11/14/2016					<0.002	
11/15/2016				<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.002					
11/18/2016		<0.002	0.0011 (J)			
1/19/2017					<0.002	
1/20/2017						0.0014 (J)
1/24/2017				<0.002		
2/3/2017	<0.002	<0.002	<0.002			
3/16/2017					<0.002	<0.002
3/23/2017				<0.002		
3/28/2017	<0.002	<0.002				
3/29/2017			<0.002			
4/28/2017						<0.002
5/1/2017					<0.002	
5/2/2017				<0.002		
5/3/2017	<0.002					
5/4/2017		<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	<0.002	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	<0.002			<0.002	<0.002	<0.002
1/25/2019		<0.002				
1/31/2019			0.00048 (J)			
6/25/2019	<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	<0.002
3/12/2020			<0.002	<0.002		<0.002
3/13/2020					<0.002	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				<0.002		
9/15/2020			<0.002		<0.002	
3/15/2021	<0.002					
3/17/2021				<0.002	<0.002	
3/18/2021		<0.002	<0.002			<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						<0.002
1/23/2014	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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	<0.002		
1/21/2015		<0.002				
7/28/2015						<0.002
7/29/2015				<0.002	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	<0.002
1/25/2016		<0.002	<0.002	<0.002		
3/23/2016	<0.002		<0.002	<0.002		
3/24/2016					<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		
5/25/2016		0.00129 (J)				
7/21/2016	<0.002				<0.002	<0.002
7/22/2016			<0.002	<0.002		
7/27/2016		0.0027				
9/15/2016					<0.002	<0.002
9/16/2016			<0.002	<0.002		
9/20/2016	0.0012 (J)					
11/14/2016	<0.002					
11/15/2016			<0.002		<0.002	<0.002
11/17/2016				<0.002		
1/24/2017	<0.002					
1/25/2017		<0.002		<0.002	<0.002	
1/26/2017			<0.002			<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.002					
3/22/2017					<0.002	<0.002
3/23/2017		<0.002		<0.002		
3/24/2017			<0.002			
5/1/2017	<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
8/4/2017	<0.002	<0.002		<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				
1/21/2019						<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)				
6/26/2019		<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
3/11/2020	<0.002				<0.002	<0.002
3/12/2020				<0.002		
3/17/2020		<0.002				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		<0.002			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				<0.002		
3/16/2021		<0.002			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	<0.002
10/27/2011	<0.002				
10/30/2011		<0.002	<0.002	<0.002	<0.002
12/4/2011					<0.002
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			<0.002
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	<0.002
7/17/2013	<0.002				
1/14/2014			<0.002	<0.002	<0.002
1/15/2014	<0.002	<0.002			
6/24/2014			<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002			
1/13/2015	<0.002				
1/20/2015		<0.002	<0.002	<0.002	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	<0.002
1/20/2016	0.0024 (J)	<0.002			
1/26/2016			<0.002	<0.002	<0.002
3/28/2016	<0.002	<0.002			
3/29/2016			<0.002	<0.002	<0.002
5/23/2016	<0.002				
5/24/2016		<0.002	<0.002	<0.002	<0.002
7/21/2016	<0.002	<0.002			
7/22/2016			<0.002		
7/25/2016					<0.002
7/26/2016				<0.002	
9/15/2016	<0.002	<0.002	<0.002		
9/19/2016				<0.002	<0.002
11/15/2016	<0.002				
11/16/2016		<0.002	<0.002	<0.002	<0.002
1/26/2017	<0.002	<0.002	<0.002	<0.002	
1/31/2017					<0.002
3/22/2017	<0.002	<0.002	<0.002		
3/23/2017				<0.002	<0.002
5/2/2017	<0.002	<0.002	<0.002		<0.002
5/3/2017				<0.002	
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				<0.002	<0.002
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	<0.002
6/21/2018				<0.002	<0.002
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			<0.002		
1/22/2019				<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.0004 (J)	0.00039 (J)			
6/25/2019			<0.002	<0.002	<0.002
6/26/2019	<0.002	<0.002			
9/10/2019			<0.002	<0.002	
9/12/2019	<0.002	<0.002			
9/16/2019					<0.002
3/12/2020			<0.002	<0.002	
3/16/2020	<0.002	<0.002			<0.002
9/9/2020	<0.002				
9/11/2020		<0.002			<0.002
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	<0.002	<0.002
3/17/2021	<0.002	<0.002			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<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		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		0.00062 (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			
9/16/2016		<0.001				
11/9/2016			<0.001			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					<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			
1/27/2016				<0.001	<0.001	<0.001
3/29/2016		0.00165 (J)	<0.001	<0.001		
3/30/2016	<0.001				<0.001	<0.001
5/25/2016	<0.001	0.00191 (J)	<0.001	<0.001	<0.001	<0.001
7/22/2016			0.00047 (J)			
7/25/2016		0.0016				
7/26/2016				<0.001	0.00096 (J)	<0.001
7/27/2016	<0.001					
9/15/2016			<0.001	<0.001	<0.001	
9/16/2016	<0.001					
9/19/2016		0.0021				
9/20/2016						<0.001
11/16/2016		0.0012 (J)	<0.001			
11/17/2016	<0.001			<0.001	<0.001	<0.001
1/31/2017		0.001 (J)	<0.001	<0.001		
2/1/2017	<0.001				<0.001	<0.001
3/23/2017		0.00076 (J)	<0.001	0.00067 (J)	<0.001	<0.001
3/24/2017	<0.001					
5/2/2017		0.0012 (J)				
5/3/2017	<0.001		0.0024 (O)	<0.001	<0.001	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		0.0018	<0.001		<0.001	
8/8/2017	<0.001					
1/24/2018		0.0011 (J)	<0.001			
1/25/2018	<0.001			<0.001	<0.001	<0.001
6/20/2018		0.002		0.0012 (J)	<0.001	<0.001
6/21/2018	<0.001					

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.001			
1/22/2019				<0.001	0.00041 (J)	<0.001
1/24/2019		0.00065 (J)				
1/25/2019			<0.001			
1/31/2019	<0.001					
6/25/2019				<0.001	0.00048 (J)	<0.001
6/26/2019	<0.001	0.0015	<0.001			
9/11/2019			0.00036 (J)			
9/12/2019				<0.001	<0.001	
9/16/2019		0.0018				
9/17/2019	<0.001					<0.001
3/12/2020				<0.001		
3/16/2020		0.0009 (J)				<0.001
3/17/2020	<0.001				0.00031 (J)	
3/18/2020			0.00061 (J)			
9/10/2020	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001
3/16/2021			0.00041 (J)			
3/17/2021		0.0012		<0.001	<0.001	
3/18/2021	<0.001					<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<0.001	<0.001	<0.001
7/25/2016			0.00056 (J)	<0.001	<0.001	
7/26/2016						<0.001
7/27/2016	<0.001	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	<0.001		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	0.00084 (J)					<0.001
6/21/2018			0.001 (J)	0.0013	0.00049 (J)	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	0.00038 (J)			<0.001	0.00037 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00047 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00039 (J)	<0.001
3/17/2021	<0.001			0.00031 (J)		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	<0.001
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	<0.001
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.001					
11/18/2016		<0.001	0.00055 (J)			
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.00061 (J)		
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	<0.001
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						<0.001
5/1/2017					<0.001	
5/2/2017				0.00085 (J)		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					0.00054 (J)	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	0.00073 (J)	0.00086 (J)				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	<0.001			<0.001	<0.001	<0.001
1/25/2019		<0.001				
1/31/2019			<0.001			
6/25/2019	<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	0.00041 (J)		
9/12/2019		<0.001			<0.001	<0.001
3/12/2020			<0.001	<0.001		<0.001
3/13/2020					<0.001	
3/18/2020	0.00058 (J)	<0.001				
9/9/2020						<0.001
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	<0.001					
3/17/2021				<0.001	<0.001	
3/18/2021		0.00038 (J)	<0.001			<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<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			
1/14/2015					<0.001	<0.001
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	<0.001		
7/27/2016		0.00055 (J)				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	<0.001		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				<0.001		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.001					
3/22/2017					<0.001	<0.001
3/23/2017		<0.001		<0.001		
3/24/2017			<0.001			
5/1/2017	<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
8/4/2017	<0.001	<0.001		<0.001		
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				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		<0.001				
6/26/2019		<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			0.00034 (J)	<0.001		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				<0.001		
3/17/2020		<0.001				
3/18/2020			<0.001			
9/10/2020	<0.001					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	<0.001			
1/26/2016			<0.001	<0.001	<0.001
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			0.00049 (J)		
7/25/2016					0.00046 (J)
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	<0.001
11/15/2016	<0.001				
11/16/2016		<0.001	<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					0.0011 (J)
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	0.00076 (J)
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				<0.001	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	0.00052 (J)
1/23/2018	0.0014	0.00075 (J)	0.0012 (J)		
1/24/2018				<0.001	<0.001
6/21/2018				0.00052 (J)	0.00095 (J)
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	0.00059 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.001	<0.001			
6/25/2019			0.00035 (J)	0.00045 (J)	0.00086 (J)
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	0.00043 (J)	
9/12/2019	<0.001	<0.001			
9/16/2019					0.00069 (J)
3/12/2020			<0.001	0.00049 (J)	
3/16/2020	<0.001	<0.001			0.00065 (J)
9/9/2020	<0.001				
9/11/2020		<0.001			0.0008 (J)
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.1	0.092
9/16/2011	0.013		0.0022			
9/17/2011		0.011		0.0016		
10/27/2011	0.012	0.013				0.061
10/28/2011			0.0016	0.0015		
12/12/2011			0.0018	0.0013		
12/13/2011	0.012					
12/14/2011		0.01				0.1
1/25/2012			<0.01			
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					
7/23/2012		0.014				0.13
1/23/2013		0.02				0.11
1/24/2013	0.012		<0.01	0.0013		
7/17/2013	0.0097					0.087
7/23/2013			<0.01			
7/24/2013		0.016		0.0022		
1/15/2014						0.081
1/21/2014	0.0096					
1/22/2014		0.017	0.0013	0.0012 (J)		
6/25/2014	0.0094				0.048	0.081
7/1/2014		0.015	0.0012 (J)			
7/8/2014				0.0013 (D)		
1/14/2015	0.0095					0.13
1/21/2015			0.00042 (J)	0.0015		
1/22/2015		0.019				
7/21/2015	0.0099		0.00055 (J)		0.036	0.11
7/22/2015		0.014		0.0014		
1/19/2016				0.00092 (JD)		
1/20/2016		0.016				0.086
1/21/2016	0.011					
1/22/2016			0.00037 (J)			
3/22/2016			<0.01	<0.01		
3/23/2016	0.00968 (J)	0.00773 (J)				0.112
3/31/2016					0.027	
5/19/2016				0.00265 (J)		0.11
5/20/2016	0.0096 (J)					
5/23/2016			<0.01			
5/24/2016		0.00761 (J)				
5/25/2016					0.027	
7/21/2016	0.0087			0.0038		0.14
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)			
9/16/2016		0.017				
11/9/2016			0.0016 (J)			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		0.016				0.17
11/11/2016	0.0095					
1/17/2017			<0.01	0.0011 (J)		0.18
1/19/2017	0.0087	0.02				
3/16/2017	0.01		0.00055 (J)			0.15
3/17/2017		0.016				
4/27/2017			<0.01	0.00097 (J)		0.13
4/28/2017	0.0091	0.016				
7/18/2017				0.0016 (J)		
8/1/2017			0.00059 (J)	0.0011 (J)	0.03	
8/2/2017		0.014				0.15
8/3/2017	0.0099					
10/3/2017					0.038	
1/19/2018	0.0089	0.014	<0.01	0.00076 (J)		
1/22/2018						0.15
6/19/2018	0.012	0.015	<0.01	0.00078 (J)		0.13
6/20/2018					0.029	
1/17/2019	0.01	0.01				0.12
1/18/2019				0.0007 (J)	0.033	
1/21/2019			0.00088			
6/24/2019	0.0096 (J)	0.011				0.12
6/25/2019			<0.01	<0.01	0.082	
9/9/2019	0.012					
9/10/2019		0.015	0.0022 (J)	0.0033 (J)		0.16
9/11/2019					0.094	
3/10/2020	0.01	0.01	0.0018 (J)	<0.01	0.079	0.14
9/9/2020	0.01		<0.01	<0.01	0.088	0.12
9/10/2020		0.012				
3/15/2021	0.01	0.011	<0.01	<0.01	0.1	0.13

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.2	0.013	0.0043	0.01	
9/16/2011						0.0061
10/27/2011					0.019	0.0068
10/28/2011		0.27	0.0092	0.0041		
12/3/2011					0.011	0.0067
12/4/2011		0.22	0.0089	0.0037		
1/24/2012			0.0099	0.0042	0.015	
2/9/2012		0.19				0.0066
7/11/2012			0.0099	0.0038	0.01	0.0064
7/18/2012		0.36				
1/8/2013		0.2	0.012	0.0034	0.013	0.0075
7/2/2013						0.011
7/9/2013		0.26				
7/10/2013			0.014	0.0035	0.014	
1/15/2014		0.21				
1/21/2014			0.014	0.0037	<0.01	0.012
6/24/2014						0.0094
6/25/2014		0.44				
7/1/2014			0.014	0.0035	0.014	
1/14/2015					0.033	0.01
1/21/2015		0.31	0.016	0.0031		
7/22/2015					0.072	0.0084
7/28/2015		0.38	0.013	0.0039		
1/25/2016	0.014					
1/26/2016		0.15	0.014			
1/27/2016				0.0026	0.083	0.012
3/29/2016		0.372	0.0179	0.00337 (J)		
3/30/2016	0.0127				0.0943	0.0136
5/25/2016	0.014	0.396	0.0173	0.0028 (J)	0.117	0.00957 (J)
7/22/2016			0.017			
7/25/2016		0.25				
7/26/2016				0.0023 (J)	0.11	0.0068
7/27/2016	0.03					
9/15/2016			0.017	0.0026	0.16 (O)	
9/16/2016	0.017					
9/19/2016		0.33				
9/20/2016						0.007
11/16/2016		0.29	0.018			
11/17/2016	0.028			0.0027	0.27 (O)	0.0072
1/31/2017		0.19	0.022	0.0029		
2/1/2017	0.023				0.088	0.009
3/23/2017		0.24	0.019	0.0032	0.11	0.011
3/24/2017	0.012					
5/2/2017		0.34				
5/3/2017	0.024		0.02	0.0028	0.1	0.0092
8/4/2017				0.0032		0.01
8/7/2017		0.4	0.021		0.23 (O)	
8/8/2017	0.014					
1/24/2018		0.27	0.022			
1/25/2018	0.025			0.0037	0.1	0.01
6/20/2018		0.31		0.0035	0.25 (O)	0.011
6/21/2018	0.023					

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			0.021			
1/22/2019				0.0029	0.15	0.012
1/24/2019		0.09				
1/25/2019			0.024			
1/31/2019	0.025					
6/25/2019				0.0069 (J)	0.16	0.0096 (J)
6/26/2019	0.02	0.26	0.02			
9/11/2019			0.022			
9/12/2019				0.0054 (J)	0.32	
9/16/2019		0.35				
9/17/2019	0.026					0.0072 (J)
3/12/2020				0.0026 (J)		
3/16/2020		0.066				0.012
3/17/2020	0.025				0.23	
3/18/2020			0.023			
9/10/2020	0.029	0.27	0.025	0.0041 (J)	0.24	0.0076 (J)
3/16/2021			0.026			
3/17/2021		0.26		0.0039 (J)	0.26	
3/18/2021	0.013					0.011

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.018	0.021	0.033	0.037		
8/31/2011					0.038	0.015
10/26/2011	0.017	0.014	0.028	0.037		
10/27/2011					0.034	0.01
12/3/2011	0.018	0.015	0.03	0.037		
12/4/2011					0.033	0.011
1/25/2012	0.017	0.014				
2/8/2012				0.048	0.037	0.013
2/9/2012			0.029			
7/11/2012	0.017	0.015	0.03	0.035	0.035	
7/17/2012						0.013
1/8/2013	0.019	0.017	0.036	0.059	0.034	
1/9/2013						0.013
7/2/2013	0.017					
7/16/2013		0.013	0.034	0.069	0.034	0.023
1/14/2014	0.017	0.015	0.037			
1/21/2014				0.075	0.035	0.026
6/24/2014			0.032	<0.01	0.034	0.027
6/25/2014	0.017	0.016				
1/13/2015	0.017		0.034	0.076	0.031	0.024
1/14/2015		0.017				
7/22/2015	0.017					
7/23/2015			0.03	0.05	0.036	0.024
7/28/2015		0.016				
1/26/2016						0.026
1/27/2016	0.016	0.016	0.032	0.092	0.03	
3/30/2016	0.0174	0.0178	0.0349	0.0986	0.0344	0.0293
5/25/2016	0.0173	0.0169				
5/26/2016			0.0323	0.0687	0.0336	0.0237
7/25/2016			0.031	0.047	0.03	
7/26/2016						0.016
7/27/2016	0.016	0.016				
9/16/2016	0.016					
9/19/2016		0.016	0.028	0.039		
9/20/2016					0.035	0.014
11/17/2016	0.017	0.017	0.033	0.046	0.034	0.012
2/1/2017	0.018	0.017	0.037			
2/2/2017				0.085	0.035	0.014
3/24/2017	0.017	0.016	0.037	0.079		
3/28/2017					0.031	0.021
5/3/2017	0.017	0.016	0.034	0.1		
5/4/2017					0.035	0.02
8/7/2017	0.017	0.017	0.035	0.06	0.033	0.027
1/25/2018	0.016	0.015	0.033	0.094		
1/26/2018					0.038	0.032
6/20/2018	0.017					0.033
6/21/2018			0.033	0.09	0.031	
6/26/2018		0.017				
1/24/2019		0.016				0.046
1/25/2019	0.019					
1/28/2019			0.037	0.12	0.033	
6/25/2019	0.018	0.017			0.034	0.046

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				0.077		
6/27/2019			0.035			
9/11/2019	0.02	0.018	0.04		0.035	0.028
9/12/2019				0.058		
3/17/2020	0.019	0.017	0.039			
3/18/2020				0.13	0.031	0.056
9/11/2020	0.018					
9/14/2020		0.016	0.041			
9/15/2020				0.067	0.035	0.045
3/16/2021		0.015	0.038		0.032	0.061
3/17/2021	0.017			0.12		

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.025					
9/16/2011		0.011				
9/17/2011				0.016	0.038	0.02
10/29/2011	0.024	0.0075			0.036	0.015
10/31/2011				0.013		
12/13/2011	0.027	0.011				
12/14/2011				0.018	0.035	0.016
1/25/2012	0.029					0.016
1/31/2012		0.009				
2/7/2012				0.033	0.04	
7/17/2012				0.025	0.033	0.0057
7/18/2012	0.027	0.0076				
1/22/2013	0.029	0.0078				
1/24/2013					0.034	0.0062
7/16/2013	0.025					
7/23/2013		0.0075				
7/24/2013				0.043	0.036	0.01
1/21/2014	0.027					
1/22/2014		0.004				
1/23/2014				0.025	0.031	0.013
6/25/2014	0.025					
7/1/2014		0.0066				
7/8/2014			0.022	0.046	0.031	0.014
1/14/2015	0.025					
1/21/2015				0.023	0.031	0.015
1/22/2015		0.0067				
7/23/2015	0.025					
7/29/2015		0.0064				
7/30/2015				0.022		0.0092
7/31/2015			0.02		0.017	
1/20/2016			0.026			
1/21/2016		0.0055		0.028		
1/22/2016						0.0063
1/25/2016					0.03	
1/26/2016	0.023					
3/23/2016						0.0107
3/24/2016					0.0362	
3/28/2016				0.0383		
3/29/2016		0.0114				
3/30/2016			0.00874 (J)			
3/31/2016	0.0249					
5/24/2016						0.00672 (J)
5/25/2016		0.00579 (J)	0.00545 (J)	0.0439	0.0348	
5/26/2016	0.0235					
7/26/2016	0.021				0.028	0.0085
7/27/2016		0.0043	0.0047	0.037		
9/16/2016			0.018			
9/19/2016				0.041	0.029	0.008
9/20/2016	0.026	0.0056				
11/11/2016						0.017
11/14/2016					0.036	
11/15/2016				0.033		

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	0.025					
11/18/2016		0.0043	0.022			
1/19/2017					0.034	
1/20/2017						0.013
1/24/2017				0.04		
2/3/2017	0.027	0.005	0.02			
3/16/2017					0.035	0.0096
3/23/2017				0.032		
3/28/2017	0.024	0.0041				
3/29/2017			0.02			
4/28/2017						0.0097
5/1/2017					0.03	
5/2/2017				0.041		
5/3/2017	0.025					
5/4/2017		0.0063	0.023			
8/3/2017				0.012	0.032	0.015
8/8/2017	0.025	0.006	0.026			
1/19/2018						0.013
1/22/2018					0.031	
1/25/2018	0.027	0.0048	0.021	0.036		
6/20/2018	0.026	0.0047				
6/27/2018			0.011	0.036	0.033	0.015
1/24/2019	0.026			0.03	0.036	0.009
1/25/2019		0.0069				
1/31/2019			0.011			
6/25/2019	0.026			0.032	0.038	
6/26/2019		0.0041 (J)	0.0093 (J)			0.017
9/10/2019	0.027					
9/11/2019			0.02	0.056		
9/12/2019		0.0053 (J)			0.039	0.012
3/12/2020			0.0082 (J)	0.03		0.008 (J)
3/13/2020					0.035	
3/18/2020	0.025	0.0055 (J)				
9/9/2020						0.015
9/10/2020	0.024	0.0059 (J)				
9/14/2020				0.04		
9/15/2020			0.011		0.037	
3/15/2021	0.025					
3/17/2021				0.029	0.035	
3/18/2021		0.005 (J)	0.0099 (J)			0.016

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.01				
10/28/2011	0.0074					
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		
2/1/2012			0.0037	0.0077	0.011	0.02
2/7/2012		0.0016				
2/8/2012	0.0075					
7/16/2012					0.011	0.02
7/17/2012			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	0.0083					
7/2/2013						0.019
7/17/2013				0.012	0.011	
7/24/2013	0.006		0.0019			
1/21/2014						0.02
1/23/2014	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			
1/14/2015					0.011	0.019
1/20/2015	0.0061		0.0012 (J)	0.011		
1/21/2015		0.0022				
7/28/2015						0.019
7/29/2015				0.0095	0.011	
7/30/2015	0.0059		0.0011 (J)			
1/19/2016	0.0075					
1/21/2016					0.012	0.021
1/25/2016		0.002	0.001 (J)	0.009		
3/23/2016	0.00731 (J)		<0.01	0.00902 (J)		
3/24/2016					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			<0.01	0.00573 (J)		
5/25/2016		0.00502 (J)				
7/21/2016	0.0067				0.011	0.019
7/22/2016			0.0014 (J)	0.01		
7/27/2016		0.0033				
9/15/2016					0.012	0.02
9/16/2016			0.0018 (J)	0.0061		
9/20/2016	0.007					
11/14/2016	0.007					
11/15/2016			0.0014 (J)		0.011	0.02
11/17/2016				0.014		
1/24/2017	0.0075					
1/25/2017		0.0051		<0.01	0.011	
1/26/2017			0.003			0.021

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	0.0057			0.0057	0.012	
5/2/2017		0.0026	0.0025			0.02
7/19/2017		0.004				
8/3/2017			<0.01 (*)		0.031 (O)	0.02
8/4/2017	0.0072	0.0033		0.0062		
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		0.0016 (J)				
1/21/2019						0.022
1/28/2019					0.013	
1/30/2019	0.013		0.0017 (J)	0.021		
1/31/2019		0.0016 (J)				
6/26/2019		<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			0.002 (J)	0.009 (J)		0.02
3/11/2020	0.0081 (J)				0.012	0.02
3/12/2020				0.0067 (J)		
3/17/2020		0.002 (J)				
3/18/2020			<0.01			
9/10/2020	0.0076 (J)					
9/11/2020		0.002 (J)			0.013	0.021
9/15/2020			<0.01			
9/16/2020				0.007 (J)		
3/16/2021		0.0022 (J)			0.012	0.02
3/17/2021			0.0031 (J)			
3/18/2021	0.0083 (J)			0.006 (J)		

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	0.024	0.064			
9/7/2011			0.06	0.088	0.13
10/27/2011	0.026				
10/30/2011		0.06	0.053	0.092	0.02
12/4/2011					0.11
12/5/2011	0.024	0.061	0.059	0.11	
1/19/2012				0.084	0.15
1/25/2012	0.028	0.064	0.068		
7/18/2012	0.026		0.098	0.11	0.11
7/24/2012		0.054			
1/7/2013			0.13	0.095	
1/8/2013		0.063			0.14
1/9/2013	0.029				
7/9/2013		0.051	0.13	0.085	0.13
7/17/2013	0.022				
1/14/2014			0.14	0.066	0.099
1/15/2014	0.023	0.06			
6/24/2014			0.13	0.078	0.2
6/25/2014	0.02	0.045			
1/13/2015	0.023				
1/20/2015		0.048	0.13	0.053	0.12
7/24/2015	0.018	0.051			
7/27/2015			0.11	0.055	0.17
1/20/2016	0.027	0.051			
1/26/2016			0.11	0.044	0.088
3/28/2016	0.0207	0.0506			
3/29/2016			0.109	0.05	0.11
5/23/2016	0.0191				
5/24/2016		0.052	0.0996	0.051	0.17
7/21/2016	0.018	0.049			
7/22/2016			0.089		
7/25/2016					0.17
7/26/2016				0.044	
9/15/2016	0.037	0.062	0.097		
9/19/2016				0.043	0.18
11/15/2016	0.024				
11/16/2016		0.062	0.11	0.053	0.18
1/26/2017	0.025	0.062	0.097	0.043	
1/31/2017					0.1
3/22/2017	0.02	0.048	0.083		
3/23/2017				0.053	0.12
5/2/2017	0.02	0.043	0.088		0.11
5/3/2017				0.047	
8/3/2017	0.025	0.049			
8/4/2017			0.088		
8/7/2017				0.048	0.17
1/23/2018	0.027	0.05	0.094		
1/24/2018				0.038	0.14
6/21/2018				0.058	0.16
6/25/2018	0.02	0.053	0.078		
1/21/2019			0.083		
1/22/2019				0.04	0.11

Time Series

Constituent: Barium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.016	0.054			
6/25/2019			0.075	0.06	0.18
6/26/2019	0.02	0.045			
9/10/2019			0.086	0.066	
9/12/2019	0.03	0.074			
9/16/2019					0.18
3/12/2020			0.072	0.031	
3/16/2020	0.023	0.045			0.079
9/9/2020	0.024				
9/11/2020		0.064			0.15
9/14/2020			0.074	0.052	
3/16/2021			0.066	0.037	0.099
3/17/2021	0.021	0.059			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0025	<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
10/28/2011			<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			
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					
7/23/2012		<0.0025				<0.0025
1/23/2013		<0.0025				<0.0025
1/24/2013	<0.0025		<0.0025	0.0025		
7/17/2013	<0.0025					<0.0025
7/23/2013			<0.0025			
7/24/2013		<0.0025		0.0027		
1/15/2014						<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025	0.00034 (J)	0.002		
6/25/2014	<0.0025				<0.0025	<0.0025
7/1/2014		<0.0025	0.00039 (J)			
7/8/2014				0.0024 (D)		
1/14/2015	<0.0025					<0.0025
1/21/2015			0.0005 (J)	0.0026		
1/22/2015		0.00011 (J)				
7/21/2015	<0.0025		0.00042 (J)		<0.0025	<0.0025
7/22/2015		<0.0025		0.0024		
1/19/2016				0.0024 (D)		
1/20/2016		0.00012 (J)				<0.0025
1/21/2016	7.5E-05 (J)					
1/22/2016			0.00044 (J)			
3/22/2016			<0.0025	0.00194 (J)		
3/23/2016	<0.0025	<0.0025				<0.0025
3/31/2016					<0.0025	
5/19/2016				0.00188 (J)		<0.0025
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					<0.0025	
7/21/2016	<0.0025			0.0021 (J)		<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)			
9/16/2016		<0.0025				
11/9/2016			0.00041 (J)			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0025				<0.0025
11/11/2016	<0.0025					
1/17/2017			0.0004 (J)	0.0024 (J)		<0.0025
1/19/2017	<0.0025	<0.0025				
3/16/2017	<0.0025		<0.0025			<0.0025
3/17/2017		<0.0025				
4/27/2017			0.00042 (J)	0.0019 (J)		<0.0025
4/28/2017	<0.0025	<0.0025				
7/18/2017				0.0018 (J)		
8/1/2017			0.0004 (J)	0.0019 (J)	<0.0025	
8/2/2017		<0.0025				<0.0025
8/3/2017	<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
6/19/2018	<0.0025	<0.0025	0.00038 (J)	0.0021 (J)		<0.0025
6/20/2018					<0.0025	
1/17/2019	7.4E-05 (J)	<0.0025				<0.0025
1/18/2019				0.0021 (J)	<0.0025	
1/21/2019			0.00041 (J)			
6/24/2019	0.00029 (J)	0.00023 (J)				<0.0025
6/25/2019			0.00039 (J)	0.0023	<0.0025	
9/9/2019	0.00019 (J)					
9/10/2019		<0.0025	0.00049 (J)	0.0023		<0.0025
9/11/2019					0.0003 (J)	
3/10/2020	0.00019 (J)	<0.0025	0.00051 (J)	0.002 (J)	<0.0025	<0.0025
9/9/2020	<0.0025		0.0003 (J)	0.0017 (J)	<0.0025	<0.0025
9/10/2020		<0.0025				
3/15/2021	<0.0025	<0.0025	0.00046 (J)	0.002 (J)	<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0025	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					<0.0025	<0.0025
10/28/2011		<0.0025	<0.0025	<0.0025		
12/3/2011					<0.0025	<0.0025
12/4/2011		<0.0025	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	<0.0025	
2/9/2012		<0.0025				<0.0025
7/11/2012			<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012		<0.0025				
1/8/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013						<0.0025
7/9/2013		<0.0025				
7/10/2013			<0.0025	<0.0025	<0.0025	
1/15/2014		<0.0025				
1/21/2014			<0.0025	<0.0025	0.00012 (J)	<0.0025
6/24/2014						<0.0025
6/25/2014		8.3E-05 (J)				
7/1/2014			<0.0025	<0.0025	<0.0025	
1/14/2015					0.00015 (J)	<0.0025
1/21/2015		<0.0025	<0.0025	<0.0025		
7/22/2015					0.00023 (J)	<0.0025
7/28/2015		<0.0025	<0.0025	<0.0025		
1/25/2016	<0.0025					
1/26/2016		<0.0025	<0.0025			
1/27/2016				<0.0025	0.00011 (J)	<0.0025
3/29/2016		<0.0025	<0.0025	<0.0025		
3/30/2016	<0.0025				<0.0025	<0.0025
5/25/2016	<0.0025	<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	<0.0025	<0.0025
7/27/2016	<0.0025					
9/15/2016			<0.0025	<0.0025	0.00044 (J)	
9/16/2016	<0.0025					
9/19/2016		<0.0025				
9/20/2016						<0.0025
11/16/2016		<0.0025	<0.0025			
11/17/2016	<0.0025			<0.0025	0.00055 (J)	<0.0025
1/31/2017		<0.0025	<0.0025	<0.0025		
2/1/2017	<0.0025				<0.0025	<0.0025
3/23/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025					
5/2/2017		<0.0025				
5/3/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017				<0.0025		<0.0025
8/7/2017		<0.0025	<0.0025		0.00059 (J)	
8/8/2017	<0.0025					
1/24/2018		<0.0025	<0.0025			
1/25/2018	<0.0025			<0.0025	<0.0025	<0.0025
6/20/2018		<0.0025		<0.0025	0.00064 (J)	<0.0025
6/21/2018	<0.0025					

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.0004 (J)	<0.0025
1/24/2019		0.00015 (J)				
1/25/2019			<0.0025			
1/31/2019	<0.0025					
6/25/2019				<0.0025	0.00041 (J)	<0.0025
6/26/2019	<0.0025	<0.0025	<0.0025			
9/11/2019			0.00024 (J)			
9/12/2019				<0.0025	0.00092 (J)	
9/16/2019		<0.0025				
9/17/2019	<0.0025					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.00039 (J)				<0.0025
3/17/2020	<0.0025				0.00059 (J)	
3/18/2020			0.00029 (J)			
9/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.00064 (J)	0.00022 (J)
3/16/2021			<0.0025			
3/17/2021		<0.0025		<0.0025	0.00074 (J)	
3/18/2021	<0.0025					<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0025	<0.0025	<0.0025	<0.0025		
8/31/2011					<0.0025	<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025	<0.0025		
12/4/2011					<0.0025	<0.0025
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						<0.0025
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
1/9/2013						<0.0025
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				<0.0025	<0.0025	<0.0025
6/24/2014			<0.0025	<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	<0.0025	<0.0025	<0.0025
7/28/2015		<0.0025				
1/26/2016						<0.0025
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	<0.0025	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					<0.0025	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025	<0.0025		
3/28/2017					<0.0025	<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025	<0.0025		
5/4/2017					<0.0025	<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/26/2018					<0.0025	<0.0025
6/20/2018	<0.0025					<0.0025
6/21/2018			<0.0025	<0.0025	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				7.9E-05 (J)
1/25/2019	7.2E-05 (J)					
1/28/2019			<0.0025	0.00011 (J)	<0.0025	
6/25/2019	<0.0025	<0.0025			<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0025		
6/27/2019			<0.0025			
9/11/2019	0.00024 (J)	0.00018 (J)	0.00019 (J)		<0.0025	0.0002 (J)
9/12/2019				<0.0025		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				<0.0025	<0.0025	<0.0025
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				<0.0025	<0.0025	<0.0025
3/16/2021		<0.0025	<0.0025		0.00041 (J)	<0.0025
3/17/2021	<0.0025			0.00046 (J)		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		<0.0025				
9/17/2011				<0.0025	<0.0025	0.0066
10/29/2011	<0.0025	<0.0025			<0.0025	0.0055
10/31/2011				<0.0025		
12/13/2011	<0.0025	<0.0025				
12/14/2011				<0.0025	<0.0025	0.0058
1/25/2012	<0.0025					0.006
1/31/2012		<0.0025				
2/7/2012				<0.0025	<0.0025	
7/17/2012				<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025				
1/22/2013	<0.0025	<0.0025				
1/24/2013					<0.0025	<0.0025
7/16/2013	<0.0025					
7/23/2013		<0.0025				
7/24/2013				<0.0025	<0.0025	0.0027
1/21/2014	<0.0025					
1/22/2014		<0.0025				
1/23/2014				<0.0025	<0.0025	0.0047
6/25/2014	<0.0025					
7/1/2014		<0.0025				
7/8/2014			8.3E-05 (J)	<0.0025	<0.0025	0.005
1/14/2015	<0.0025					
1/21/2015				<0.0025	<0.0025	0.0053
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		8E-05 (J)				
7/30/2015				<0.0025		0.0013
7/31/2015			0.00012 (J)		<0.0025	
1/20/2016			9.3E-05 (J)			
1/21/2016		<0.0025		<0.0025		
1/22/2016						0.00038 (J)
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						0.00229 (J)
3/24/2016					<0.0025	
3/28/2016				<0.0025		
3/29/2016		<0.0025				
3/30/2016			<0.0025			
3/31/2016	<0.0025					
5/24/2016						<0.0025
5/25/2016		<0.0025	<0.0025	<0.0025	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	0.0015 (J)
7/27/2016		<0.0025	<0.0025	<0.0025		
9/16/2016			<0.0025			
9/19/2016				<0.0025	<0.0025	0.0013 (J)
9/20/2016	<0.0025	<0.0025				
11/11/2016						0.0057
11/14/2016					<0.0025	
11/15/2016				<0.0025		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	<0.0025			
1/19/2017					<0.0025	
1/20/2017						0.003
1/24/2017				<0.0025		
2/3/2017	<0.0025	<0.0025	<0.0025			
3/16/2017					<0.0025	0.0018 (J)
3/23/2017				<0.0025		
3/28/2017	<0.0025	<0.0025				
3/29/2017			<0.0025			
4/28/2017						0.00075 (J)
5/1/2017					<0.0025	
5/2/2017				<0.0025		
5/3/2017	<0.0025					
5/4/2017		<0.0025	<0.0025			
8/3/2017				<0.0025	<0.0025	0.005
8/8/2017	<0.0025	<0.0025	<0.0025			
1/19/2018						0.0057
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
6/20/2018	<0.0025	<0.0025				
6/27/2018			<0.0025	<0.0025	<0.0025	0.005
1/24/2019	<0.0025			6.7E-05 (J)	8.1E-05 (J)	0.00039 (J)
1/25/2019		<0.0025				
1/31/2019			<0.0025			
6/25/2019	0.00017 (J)			<0.0025	<0.0025	
6/26/2019		<0.0025	0.00017 (J)			0.0056
9/10/2019	<0.0025					
9/11/2019			<0.0025	0.00019 (J)		
9/12/2019		<0.0025			<0.0025	0.0012
3/12/2020			0.0002 (J)	<0.0025		0.00038 (J)
3/13/2020					0.00019 (J)	
3/18/2020	0.00038 (J)	<0.0025				
9/9/2020						0.0034
9/10/2020	<0.0025	<0.0025				
9/14/2020				<0.0025		
9/15/2020			<0.0025		<0.0025	
3/15/2021	0.0002 (J)					
3/17/2021				<0.0025	<0.0025	
3/18/2021		0.00052 (J)	0.00024 (J)			0.0043

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	<0.0025
7/17/2012			<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					
7/2/2013						<0.0025
7/17/2013				<0.0025	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						<0.0025
1/23/2014	<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)			
1/14/2015					<0.0025	<0.0025
1/20/2015	<0.0025		0.00066 (J)	0.00091 (J)		
1/21/2015		0.00082 (J)				
7/28/2015						8.5E-05 (J)
7/29/2015				0.0011 (J)	0.00011 (J)	
7/30/2015	<0.0025		0.001 (J)			
1/19/2016	9E-05 (J)					
1/21/2016					0.00012 (J)	8.5E-05 (J)
1/25/2016		0.00061 (J)	0.00066 (J)	0.00075 (J)		
3/23/2016	<0.0025		0.000735 (J)	0.000892 (J)		
3/24/2016					<0.0025	<0.0025
3/30/2016		<0.0025				
5/20/2016	<0.0025					
5/23/2016					<0.0025	<0.0025
5/24/2016			0.00134 (J)	0.00065 (J)		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			0.0012 (J)	0.0011 (J)		
7/27/2016		0.00076 (J)				
9/15/2016					<0.0025	<0.0025
9/16/2016			0.0015 (J)	0.001 (J)		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			0.0015 (J)		<0.0025	<0.0025
11/17/2016				0.00046 (J)		
1/24/2017	<0.0025					
1/25/2017		0.00064 (J)		<0.0025	<0.0025	
1/26/2017			0.001 (J)			<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	<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			0.0018 (J)		<0.0025	<0.0025
8/4/2017	<0.0025	0.0011 (J)		0.00051 (J)		
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		0.00071 (J)				
1/21/2019						<0.0025
1/28/2019					6.1E-05 (J)	
1/30/2019	<0.0025		0.0016 (J)	0.00036 (J)		
1/31/2019		0.00057 (J)				
6/26/2019		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			0.0019	0.00044 (J)		<0.0025
1/14/2020			0.0015			
3/11/2020	<0.0025				<0.0025	<0.0025
3/12/2020				0.00049 (J)		
3/17/2020		0.0004 (J)				
3/18/2020			0.0014 (J)			
9/10/2020	<0.0025					
9/11/2020		0.00068 (J)			<0.0025	0.00024 (J)
9/15/2020			0.0018 (J)			
9/16/2020				0.00027 (J)		
3/16/2021		0.0006 (J)			<0.0025	<0.0025
3/17/2021			0.0013 (J)			
3/18/2021	<0.0025			0.0002 (J)		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0025	<0.0025			
9/7/2011			<0.0025	<0.0025	<0.0025
10/27/2011	<0.0025				
10/30/2011		<0.0025	<0.0025	<0.0025	<0.0025
12/4/2011					<0.0025
12/5/2011	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2012				<0.0025	<0.0025
1/25/2012	<0.0025	<0.0025	<0.0025		
7/18/2012	<0.0025		<0.0025	<0.0025	<0.0025
7/24/2012		<0.0025			
1/7/2013			<0.0025	<0.0025	
1/8/2013		<0.0025			<0.0025
1/9/2013	<0.0025				
7/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
7/17/2013	<0.0025				
1/14/2014			<0.0025	<0.0025	0.00012 (J)
1/15/2014	<0.0025	<0.0025			
6/24/2014			<0.0025	<0.0025	0.00014 (J)
6/25/2014	<0.0025	<0.0025			
1/13/2015	<0.0025				
1/20/2015		<0.0025	<0.0025	<0.0025	0.00014 (J)
7/24/2015	<0.0025	<0.0025			
7/27/2015			<0.0025	<0.0025	0.00012 (J)
1/20/2016	<0.0025	7.8E-05 (J)			
1/26/2016			<0.0025	<0.0025	<0.0025
3/28/2016	<0.0025	<0.0025			
3/29/2016			<0.0025	<0.0025	<0.0025
5/23/2016	<0.0025				
5/24/2016		<0.0025	<0.0025	<0.0025	<0.0025
7/21/2016	<0.0025	<0.0025			
7/22/2016			<0.0025		
7/25/2016					<0.0025
7/26/2016				<0.0025	
9/15/2016	<0.0025	<0.0025	<0.0025		
9/19/2016				<0.0025	<0.0025
11/15/2016	<0.0025				
11/16/2016		<0.0025	<0.0025	<0.0025	<0.0025
1/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/31/2017					<0.0025
3/22/2017	<0.0025	<0.0025	<0.0025		
3/23/2017				<0.0025	<0.0025
5/2/2017	<0.0025	<0.0025	<0.0025		<0.0025
5/3/2017				<0.0025	
8/3/2017	<0.0025	<0.0025			
8/4/2017			<0.0025		
8/7/2017				<0.0025	<0.0025
1/23/2018	<0.0025	<0.0025	<0.0025		
1/24/2018				<0.0025	<0.0025
6/21/2018				<0.0025	<0.0025
6/25/2018	<0.0025	<0.0025	<0.0025		
1/21/2019			<0.0025		
1/22/2019				5.8E-05 (J)	7.9E-05 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0025	<0.0025			
6/25/2019			<0.0025	<0.0025	<0.0025
6/26/2019	<0.0025	<0.0025			
9/10/2019			<0.0025	<0.0025	
9/12/2019	<0.0025	<0.0025			
9/16/2019					<0.0025
3/12/2020			<0.0025	0.00061 (J)	
3/16/2020	<0.0025	<0.0025			0.00041 (J)
9/9/2020	<0.0025				
9/11/2020		<0.0025			<0.0025
9/14/2020			<0.0025	<0.0025	
3/16/2021			<0.0025	<0.0025	<0.0025
3/17/2021	<0.0025	<0.0025			

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			<0.08	<0.08		
3/23/2016	<0.08	<0.08				<0.08
3/31/2016					<0.08	
5/19/2016				<0.08		<0.08
5/20/2016	<0.08					
5/23/2016			<0.08			
5/24/2016		<0.08				
5/25/2016					<0.08	
7/21/2016	<0.08			<0.08		<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			
9/16/2016		<0.08				
11/9/2016			<0.08			
11/10/2016		<0.08				<0.08
11/11/2016	<0.08					
1/17/2017			<0.08	<0.08		<0.08
1/19/2017	<0.08	<0.08				
3/16/2017	<0.08		<0.08			<0.08
3/17/2017		<0.08				
4/27/2017			<0.08	<0.08		<0.08
4/28/2017	<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
10/4/2017	<0.08					
1/19/2018	<0.08	<0.08	<0.08	<0.08		
1/22/2018						<0.08
6/19/2018	<0.08	<0.08	<0.08	<0.08		<0.08
6/20/2018					<0.08	
9/25/2018	<0.08	<0.08	<0.08	<0.08		<0.08
1/17/2019	<0.08	<0.08				<0.08
1/18/2019				<0.08	<0.08	
1/21/2019			<0.08			
6/24/2019	0.034 (J)	<0.08				<0.08
6/25/2019			<0.08	<0.08	<0.08	
9/9/2019	<0.08					
9/10/2019		<0.08	<0.08	<0.08		<0.08
9/11/2019					<0.08	
3/10/2020	0.041 (J)	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08		<0.08	<0.08	<0.08	<0.08
9/10/2020		<0.08				
3/15/2021	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		<0.08	<0.08	<0.08		
3/30/2016	<0.08				0.291	0.0787 (J)
5/25/2016	<0.08	<0.08	<0.08	<0.08	0.443	0.0536 (J)
7/22/2016			<0.08			
7/25/2016		<0.08				
7/26/2016				<0.08	1.1	<0.08
7/27/2016	<0.08					
9/15/2016			<0.08	<0.08	0.61	
9/16/2016	<0.08					
9/19/2016		<0.08				
9/20/2016						<0.08
11/16/2016		<0.08	<0.08			
11/17/2016	<0.08			<0.08	1	<0.08
1/31/2017		<0.08	<0.08	<0.08		
2/1/2017	<0.08				0.29	0.023 (J)
3/23/2017		<0.08	<0.08	<0.08	0.44	0.042 (J)
3/24/2017	<0.08					
5/2/2017		<0.08				
5/3/2017	<0.08		<0.08	<0.08	0.44	0.034 (J)
10/4/2017	<0.08	0.022 (J)	0.022 (J)		0.95	0.044 (J)
10/5/2017				<0.08		
1/24/2018		<0.08	0.023 (J)			
1/25/2018	<0.08			<0.08	0.43	0.052
6/20/2018		<0.08		<0.08	1.2	<0.08
6/21/2018	<0.08					
6/26/2018			0.024 (J)			
9/27/2018	<0.08	<0.08				
9/28/2018			<0.08			
10/1/2018					0.57	0.03 (J)
10/2/2018				<0.08		
1/22/2019				<0.08	0.63	0.1
1/24/2019		<0.08				
1/25/2019			0.036 (J)			
1/31/2019	<0.08					
6/25/2019				<0.08	0.71	0.066 (J)
6/26/2019	0.053 (J)	<0.08	0.057 (J)			
9/11/2019			0.042 (J)			
9/12/2019				<0.08	1.8	
9/16/2019		<0.08				
9/17/2019	<0.08					<0.08
3/12/2020				<0.08		
3/16/2020		<0.08				0.14
3/17/2020	<0.08				1.2	
3/18/2020			0.058 (J)			
9/10/2020	<0.08	<0.08	0.043 (J)	<0.08	1.1	0.064 (J)
3/16/2021			<0.08			
3/17/2021		<0.08		<0.08	1	
3/18/2021	<0.08					0.071 (J)

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
5/25/2016	<0.08	<0.08				
5/26/2016			<0.08	<0.08	<0.08	<0.08
7/25/2016			<0.08	<0.08	<0.08	
7/26/2016						<0.08
7/27/2016	<0.08	<0.08				
9/16/2016	<0.08					
9/19/2016		<0.08	<0.08	<0.08		
9/20/2016					<0.08	<0.08
11/17/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
2/1/2017	<0.08	<0.08	<0.08			
2/2/2017				<0.08	<0.08	<0.08
3/24/2017	<0.08	<0.08	<0.08	<0.08		
3/28/2017					<0.08	<0.08
5/3/2017	<0.08	<0.08	<0.08	<0.08		
5/4/2017					<0.08	<0.08
10/4/2017		<0.08				
10/5/2017	<0.08		<0.08	<0.08		
10/6/2017					<0.08	<0.08
1/25/2018	<0.08	<0.08	<0.08	<0.08		
1/26/2018					<0.08	<0.08
6/20/2018	<0.08					<0.08
6/21/2018			<0.08	<0.08	<0.08	
6/26/2018		<0.08				
9/27/2018				<0.08	<0.08	<0.08
9/28/2018			<0.08			
10/1/2018	<0.08					
10/2/2018		<0.08				
1/24/2019		<0.08				<0.08
1/25/2019	<0.08					
1/28/2019			<0.08	<0.08	<0.08	
6/25/2019	<0.08	<0.08			<0.08	<0.08
6/26/2019				0.036 (J)		
6/27/2019			<0.08			
9/11/2019	<0.08	<0.08	<0.08		<0.08	<0.08
9/12/2019				<0.08		
3/17/2020	<0.08	<0.08	<0.08			
3/18/2020				<0.08	<0.08	<0.08
9/11/2020	<0.08					
9/14/2020		<0.08	<0.08			
9/15/2020				<0.08	<0.08	<0.08
3/16/2021		<0.08	<0.08		<0.08	<0.08
3/17/2021	<0.08			<0.08		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						<0.08
3/24/2016					<0.08	
3/28/2016				<0.08		
3/29/2016		<0.08				
3/30/2016			<0.08			
3/31/2016	<0.08					
5/24/2016						<0.08
5/25/2016		<0.08	<0.08	<0.08	<0.08	
5/26/2016	<0.08					
7/26/2016	<0.08				<0.08	<0.08
7/27/2016		<0.08	<0.08	<0.08		
9/16/2016			<0.08			
9/19/2016				<0.08	<0.08	<0.08
9/20/2016	<0.08	<0.08				
11/11/2016						<0.08
11/14/2016					<0.08	
11/15/2016				<0.08		
11/17/2016	<0.08					
11/18/2016		<0.08	<0.08			
1/19/2017					<0.08	
1/20/2017						<0.08
1/24/2017				<0.08		
2/3/2017	<0.08	<0.08	<0.08			
3/16/2017					<0.08	<0.08
3/23/2017				<0.08		
3/28/2017	<0.08	<0.08				
3/29/2017			<0.08			
4/28/2017						<0.08
5/1/2017					<0.08	
5/2/2017				<0.08		
5/3/2017	<0.08					
5/4/2017		<0.08	<0.08			
10/3/2017						<0.08
10/4/2017					<0.08	
10/5/2017	<0.08	<0.08	<0.08	<0.08		
1/19/2018						<0.08
1/22/2018					<0.08	
1/25/2018	<0.08	<0.08	<0.08	<0.08		
6/20/2018	<0.08	<0.08				
6/27/2018			<0.08	<0.08	<0.08	<0.08
9/26/2018				0.023 (J)		
9/27/2018					<0.08	<0.08
9/28/2018			<0.08			
10/1/2018	<0.08	<0.08				
1/24/2019	<0.08			<0.08	<0.08	<0.08
1/25/2019		<0.08				
1/31/2019			<0.08			
6/25/2019	<0.08			<0.08	<0.08	
6/26/2019		<0.08	<0.08			<0.08
9/10/2019	<0.08					
9/11/2019			0.053 (J)	<0.08		
9/12/2019		<0.08			<0.08	<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			<0.08	<0.08		<0.08
3/13/2020					<0.08	
3/18/2020	0.041 (J)	<0.08				
9/9/2020						<0.08
9/10/2020	<0.08	<0.08				
9/14/2020				<0.08		
9/15/2020			<0.08		<0.08	
3/15/2021	<0.08					
3/17/2021				<0.08	<0.08	
3/18/2021		<0.08	<0.08			<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	<0.08		<0.08	<0.08		
3/24/2016					<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		
5/25/2016		<0.08				
7/21/2016	<0.08				<0.08	<0.08
7/22/2016			<0.08	<0.08		
7/27/2016		<0.08				
9/15/2016					<0.08	<0.08
9/16/2016			<0.08	<0.08		
9/20/2016	<0.08					
11/14/2016	<0.08					
11/15/2016			<0.08		<0.08	<0.08
11/17/2016				0.023 (J)		
1/24/2017	<0.08					
1/25/2017		<0.08		<0.08	<0.08	
1/26/2017			<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			
5/1/2017	<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
10/4/2017	<0.08					
10/5/2017				0.025 (J)		
10/6/2017		<0.08	<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				
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
1/28/2019					<0.08	
1/30/2019	<0.08		<0.08	<0.08		
1/31/2019		<0.08				
6/26/2019		<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
3/11/2020	<0.08				<0.08	<0.08
3/12/2020				<0.08		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		<0.08				
3/18/2020			<0.08			
9/10/2020	<0.08					
9/11/2020		<0.08			<0.08	<0.08
9/15/2020			<0.08			
9/16/2020				<0.08		
3/16/2021		<0.08			<0.08	<0.08
3/17/2021			<0.08			
3/18/2021	<0.08			<0.08		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	<0.08	<0.08			
3/29/2016			<0.08	<0.08	0.0635 (J)
5/23/2016	<0.08				
5/24/2016		<0.08	<0.08	0.022 (J)	0.0981 (J)
7/21/2016	<0.08	<0.08			
7/22/2016			<0.08		
7/25/2016					0.26
7/26/2016				<0.08	
9/15/2016	<0.08	<0.08	<0.08		
9/19/2016				<0.08	0.38
11/15/2016	<0.08				
11/16/2016		<0.08	<0.08	<0.08	0.44
1/26/2017	<0.08	<0.08	<0.08	<0.08	
1/31/2017					0.11
3/22/2017	<0.08	<0.08	<0.08		
3/23/2017				<0.08	0.071
5/2/2017	<0.08	<0.08	<0.08		0.089
5/3/2017				<0.08	
10/3/2017	<0.08	<0.08	<0.08		0.12
10/5/2017				<0.08	
1/23/2018	<0.08	<0.08	<0.08		
1/24/2018				<0.08	0.044 (J)
6/21/2018				<0.08	0.07
6/25/2018	<0.08	<0.08	<0.08		
9/25/2018		<0.08			
9/26/2018				<0.08	0.14
10/2/2018			<0.08		
10/3/2018	<0.08				
1/21/2019			<0.08		
1/22/2019				<0.08	0.038 (J)
1/30/2019	<0.08	<0.08			
6/25/2019			<0.08	<0.08	0.068 (J)
6/26/2019	0.045 (J)	0.044 (J)			
9/10/2019			<0.08	<0.08	
9/12/2019	<0.08	<0.08			
9/16/2019					0.19
3/12/2020			<0.08	<0.08	
3/16/2020	<0.08	<0.08			0.052 (J)
9/9/2020	<0.08				
9/11/2020		<0.08			0.14
9/14/2020			<0.08	<0.08	
3/16/2021			<0.08	<0.08	0.05 (J)
3/17/2021	<0.08	<0.08			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0025	<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
10/28/2011			<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			
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					
7/23/2012		<0.0025				<0.0025
1/23/2013		<0.0025				<0.0025
1/24/2013	<0.0025		<0.0025	<0.0025		
7/17/2013	<0.0025					<0.0025
7/23/2013			<0.0025			
7/24/2013		<0.0025		<0.0025		
1/15/2014						<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025	<0.0025	<0.0025		
6/25/2014	<0.0025				<0.0025	<0.0025
7/1/2014		<0.0025	<0.0025			
7/8/2014				<0.0025 (D)		
1/14/2015	<0.0025					<0.0025
1/21/2015			<0.0025	<0.0025		
1/22/2015		<0.0025				
7/21/2015	<0.0025		<0.0025		0.00042 (J)	<0.0025
7/22/2015		<0.0025		<0.0025		
1/19/2016				<0.0025 (D)		
1/20/2016		<0.0025				<0.0025
1/21/2016	<0.0025					
1/22/2016			<0.0025			
3/22/2016			<0.0025	<0.0025		
3/23/2016	<0.0025	<0.0025				<0.0025
3/31/2016					0.000546 (J)	
5/19/2016				0.000111 (J)		<0.0025
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					0.000137 (J)	
7/21/2016	<0.0025			<0.0025		<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			
9/16/2016		<0.0025				
11/9/2016			<0.0025			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0025	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					<0.0025	<0.0025
10/28/2011		<0.0025	<0.0025	<0.0025		
12/3/2011					<0.0025	<0.0025
12/4/2011		<0.0025	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	<0.0025	
2/9/2012		<0.0025				<0.0025
7/11/2012			<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012		<0.0025				
1/8/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013						<0.0025
7/9/2013		<0.0025				
7/10/2013			<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
6/25/2014		<0.0025				
7/1/2014			<0.0025	<0.0025	<0.0025	
1/14/2015					<0.0025	<0.0025
1/21/2015		0.0014	<0.0025	<0.0025		
7/22/2015					0.00028 (J)	<0.0025
7/28/2015		0.0022	<0.0025	<0.0025		
1/25/2016	<0.0025					
1/26/2016		<0.0025	<0.0025			
1/27/2016				<0.0025	<0.0025	<0.0025
3/29/2016		<0.0025	<0.0025	<0.0025		
3/30/2016	<0.0025				0.000222 (J)	<0.0025
5/25/2016	<0.0025	<0.0025	<0.0025	<0.0025	0.000327 (J)	<0.0025
7/22/2016			<0.0025			
7/25/2016		<0.0025				
7/26/2016				<0.0025	<0.0025	<0.0025
7/27/2016	<0.0025					
9/15/2016			<0.0025	<0.0025	0.00053 (J)	
9/16/2016	<0.0025					
9/19/2016		<0.0025				
9/20/2016						<0.0025
11/16/2016		<0.0025	<0.0025			
11/17/2016	<0.0025			<0.0025	<0.0025	<0.0025
1/31/2017		<0.0025	<0.0025	<0.0025		
2/1/2017	<0.0025				<0.0025	<0.0025
3/23/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025					
5/2/2017		<0.0025				
5/3/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017				<0.0025		<0.0025
8/7/2017		<0.0025	<0.0025		0.00051 (J)	
8/8/2017	<0.0025					
1/24/2018		<0.0025	<0.0025			
1/25/2018	<0.0025			<0.0025	<0.0025	<0.0025
6/20/2018		<0.0025		<0.0025	0.00047 (J)	<0.0025
6/21/2018	<0.0025					

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.00021 (J)	<0.0025
1/24/2019		<0.0025				
1/25/2019			<0.0025			
1/31/2019	<0.0025					
6/25/2019				<0.0025	0.00021 (J)	<0.0025
6/26/2019	<0.0025	<0.0025	<0.0025			
9/11/2019			<0.0025			
9/12/2019				<0.0025	0.00052 (J)	
9/16/2019		<0.0025				
9/17/2019	<0.0025					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.00033 (J)				<0.0025
3/17/2020	<0.0025				0.00036 (J)	
3/18/2020			<0.0025			
9/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.00043 (J)	<0.0025
3/16/2021			<0.0025			
3/17/2021		<0.0025		<0.0025	0.00043 (J)	
3/18/2021	<0.0025					<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0025	<0.0025	<0.0025	<0.0025		
8/31/2011					<0.0025	<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025	<0.0025		
12/4/2011					<0.0025	<0.0025
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						<0.0025
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
1/9/2013						<0.0025
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				<0.0025	<0.0025	0.00029
6/24/2014			<0.0025	<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	<0.0025	<0.0025	<0.0025
7/28/2015		<0.0025				
1/26/2016						<0.0025
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	<0.0025	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					<0.0025	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025	<0.0025		
3/28/2017					<0.0025	<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025	<0.0025		
5/4/2017					<0.0025	<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/26/2018					<0.0025	<0.0025
6/20/2018	<0.0025					<0.0025
6/21/2018			<0.0025	<0.0025	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				<0.0025
1/25/2019	<0.0025					
1/28/2019			<0.0025	<0.0025	<0.0025	
6/25/2019	<0.0025	<0.0025			<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0025		
6/27/2019			<0.0025			
9/11/2019	<0.0025	<0.0025	<0.0025		<0.0025	0.00018 (J)
9/12/2019				<0.0025		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				<0.0025	<0.0025	<0.0025
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				<0.0025	<0.0025	<0.0025
3/16/2021		<0.0025	<0.0025		<0.0025	0.00025 (J)
3/17/2021	<0.0025			<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		<0.0025				
9/17/2011				<0.0025	<0.0025	<0.0025
10/29/2011	<0.0025	<0.0025			<0.0025	<0.0025
10/31/2011				<0.0025		
12/13/2011	<0.0025	<0.0025				
12/14/2011				<0.0025	<0.0025	<0.0025
1/25/2012	<0.0025					<0.0025
1/31/2012		<0.0025				
2/7/2012				<0.0025	<0.0025	
7/17/2012				<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025				
1/22/2013	<0.0025	<0.0025				
1/24/2013					<0.0025	<0.0025
7/16/2013	<0.0025					
7/23/2013		<0.0025				
7/24/2013				<0.0025	<0.0025	<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025				
1/23/2014				<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025					
7/1/2014		<0.0025				
7/8/2014			<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015	<0.0025					
1/21/2015				<0.0025	<0.0025	<0.0025
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		<0.0025				
7/30/2015				<0.0025		<0.0025
7/31/2015			<0.0025		<0.0025	
1/20/2016			<0.0025			
1/21/2016		<0.0025		<0.0025		
1/22/2016						<0.0025
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						<0.0025
3/24/2016					<0.0025	
3/28/2016				<0.0025		
3/29/2016		<0.0025				
3/30/2016			0.000124 (J)			
3/31/2016	<0.0025					
5/24/2016						<0.0025
5/25/2016		<0.0025	<0.0025	<0.0025	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	<0.0025
7/27/2016		<0.0025	<0.0025	<0.0025		
9/16/2016			<0.0025			
9/19/2016				<0.0025	<0.0025	<0.0025
9/20/2016	<0.0025	<0.0025				
11/11/2016						<0.0025
11/14/2016					<0.0025	
11/15/2016				<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	<0.0025			
1/19/2017					<0.0025	
1/20/2017						<0.0025
1/24/2017				<0.0025		
2/3/2017	<0.0025	<0.0025	0.0021			
3/16/2017					<0.0025	<0.0025
3/23/2017				<0.0025		
3/28/2017	<0.0025	<0.0025				
3/29/2017			<0.0025			
4/28/2017						<0.0025
5/1/2017					<0.0025	
5/2/2017				<0.0025		
5/3/2017	<0.0025					
5/4/2017		<0.0025	<0.0025			
8/3/2017				<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025			
1/19/2018						<0.0025
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
6/20/2018	<0.0025	<0.0025				
6/27/2018			<0.0025	<0.0025	<0.0025	<0.0025
1/24/2019	<0.0025			<0.0025	<0.0025	<0.0025
1/25/2019		<0.0025				
1/31/2019			<0.0025			
6/25/2019	0.00057 (J)			<0.0025	<0.0025	
6/26/2019		<0.0025	<0.0025			<0.0025
9/10/2019	0.00046 (J)					
9/11/2019			<0.0025	0.0002 (J)		
9/12/2019		<0.0025			<0.0025	<0.0025
3/12/2020			<0.0025	<0.0025		<0.0025
3/13/2020					<0.0025	
3/18/2020	0.00062 (J)	<0.0025				
9/9/2020						<0.0025
9/10/2020	<0.0025	<0.0025				
9/14/2020				<0.0025		
9/15/2020			<0.0025		<0.0025	
3/15/2021	<0.0025					
3/17/2021				<0.0025	<0.0025	
3/18/2021		<0.0025	<0.0025			<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	<0.0025
7/17/2012			<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					
7/2/2013						<0.0025
7/17/2013				<0.0025	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						<0.0025
1/23/2014	<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			
1/14/2015					<0.0025	<0.0025
1/20/2015	<0.0025		<0.0025	<0.0025		
1/21/2015		<0.0025				
7/28/2015						<0.0025
7/29/2015				<0.0025	<0.0025	
7/30/2015	<0.0025		<0.0025			
1/19/2016	<0.0025					
1/21/2016					<0.0025	<0.0025
1/25/2016		<0.0025	<0.0025	<0.0025		
3/23/2016	<0.0025		<0.0025	<0.0025		
3/24/2016					<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		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			<0.0025	<0.0025		
7/27/2016		<0.0025				
9/15/2016					<0.0025	<0.0025
9/16/2016			<0.0025	<0.0025		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			<0.0025		<0.0025	<0.0025
11/17/2016				<0.0025		
1/24/2017	<0.0025					
1/25/2017		<0.0025		<0.0025	<0.0025	
1/26/2017			<0.0025			<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.0025					
3/22/2017					<0.0025	<0.0025
3/23/2017		<0.0025		<0.0025		
3/24/2017			<0.0025			
5/1/2017	<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
8/4/2017	<0.0025	<0.0025		<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				
1/21/2019						<0.0025
1/28/2019					<0.0025	
1/30/2019	<0.0025		<0.0025	<0.0025		
1/31/2019		<0.0025				
6/26/2019		<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
3/11/2020	<0.0025				<0.0025	<0.0025
3/12/2020				<0.0025		
3/17/2020		<0.0025				
3/18/2020			<0.0025			
9/10/2020	<0.0025					
9/11/2020		<0.0025			<0.0025	<0.0025
9/15/2020			<0.0025			
9/16/2020				<0.0025		
3/16/2021		<0.0025			<0.0025	<0.0025
3/17/2021			<0.0025			
3/18/2021	<0.0025			<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0025	<0.0025			
9/7/2011			<0.0025	<0.0025	<0.0025
10/27/2011	<0.0025				
10/30/2011		<0.0025	<0.0025	<0.0025	<0.0025
12/4/2011					<0.0025
12/5/2011	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2012				<0.0025	<0.0025
1/25/2012	<0.0025	<0.0025	<0.0025		
7/18/2012	<0.0025		<0.0025	<0.0025	<0.0025
7/24/2012		<0.0025			
1/7/2013			<0.0025	<0.0025	
1/8/2013		<0.0025			<0.0025
1/9/2013	<0.0025				
7/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
7/17/2013	<0.0025				
1/14/2014			<0.0025	<0.0025	<0.0025
1/15/2014	<0.0025	<0.0025			
6/24/2014			<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025			
1/13/2015	<0.0025				
1/20/2015		<0.0025	<0.0025	<0.0025	<0.0025
7/24/2015	<0.0025	<0.0025			
7/27/2015			<0.0025	<0.0025	<0.0025
1/20/2016	<0.0025	<0.0025			
1/26/2016			<0.0025	<0.0025	<0.0025
3/28/2016	<0.0025	<0.0025			
3/29/2016			<0.0025	<0.0025	<0.0025
5/23/2016	<0.0025				
5/24/2016		<0.0025	<0.0025	<0.0025	<0.0025
7/21/2016	<0.0025	<0.0025			
7/22/2016			<0.0025		
7/25/2016					<0.0025
7/26/2016				<0.0025	
9/15/2016	<0.0025	<0.0025	<0.0025		
9/19/2016				<0.0025	<0.0025
11/15/2016	<0.0025				
11/16/2016		<0.0025	<0.0025	<0.0025	<0.0025
1/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/31/2017					<0.0025
3/22/2017	<0.0025	<0.0025	<0.0025		
3/23/2017				<0.0025	<0.0025
5/2/2017	<0.0025	<0.0025	<0.0025		<0.0025
5/3/2017				<0.0025	
8/3/2017	<0.0025	<0.0025			
8/4/2017			<0.0025		
8/7/2017				<0.0025	<0.0025
1/23/2018	<0.0025	<0.0025	<0.0025		
1/24/2018				<0.0025	<0.0025
6/21/2018				<0.0025	<0.0025
6/25/2018	<0.0025	<0.0025	<0.0025		
1/21/2019			<0.0025		
1/22/2019				<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0025	<0.0025			
6/25/2019			<0.0025	<0.0025	<0.0025
6/26/2019	<0.0025	<0.0025			
9/10/2019			<0.0025	<0.0025	
9/12/2019	<0.0025	<0.0025			
9/16/2019					<0.0025
3/12/2020			<0.0025	0.00032 (J)	
3/16/2020	<0.0025	<0.0025			<0.0025
9/9/2020	<0.0025				
9/11/2020		<0.0025			<0.0025
9/14/2020			<0.0025	<0.0025	
3/16/2021			<0.0025	<0.0025	<0.0025
3/17/2021	<0.0025	<0.0025			

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			2.86	4.65		
3/23/2016	0.893	3.09				24.2
3/31/2016					39.6	
5/19/2016				5.08		33.6
5/20/2016	0.784					
5/23/2016			2.81			
5/24/2016		3.51				
5/25/2016					28.3	
7/21/2016	0.6			4.7		30
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			
9/16/2016		3.6				
11/9/2016			2.6			
11/10/2016		3.7				27
11/11/2016	0.59					
1/17/2017			2.4	3.7		26
1/19/2017	0.59	4.2				
3/16/2017	0.72		2.7			27
3/17/2017		3.4				
4/27/2017			2.4	3.9		27
4/28/2017	0.72	3.9				
7/18/2017				<0.25 (*)		
8/1/2017				3.8	72	
10/3/2017		4.2	2.7	4.1	91 (o)	30
10/4/2017	0.73					
1/19/2018	0.7	3.8	2.6	3.7		
1/22/2018						33
6/19/2018	0.75	3.4	2.5	4.1		26
6/20/2018					43	
9/25/2018	0.73	4	2.8	4.6		29
1/17/2019	0.74	3.5				22
1/18/2019				4.2	10	
1/21/2019			3			
6/24/2019	0.76	5				27
6/25/2019			3	4.8	10	
9/9/2019	0.8					
9/10/2019		4.2	2.9	4.8		31
9/11/2019					11	
3/10/2020	0.85	3.3	2.9	4.1	11	26
9/9/2020	0.81		2.8	3.9	12	26
9/10/2020		3.4				
3/15/2021	0.82	3.2	3	4.6	16	21

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		15	32.6	3.91		
3/30/2016	27.6				13.8	13.3
5/25/2016	28.5	18.5	38.3	4.06	22.2	10.6
7/22/2016			32			
7/25/2016		14				
7/26/2016				3.7	28	7.2
7/27/2016	29					
9/15/2016			33	3.7	30	
9/16/2016	27					
9/19/2016		18				
9/20/2016						6.9
11/16/2016		15	34			
11/17/2016	29			3.5	46	6.1
1/31/2017		8	40	4.1		
2/1/2017	26				15	9.6
3/23/2017		9.3	37	3.9	18	9.9
3/24/2017	24					
5/2/2017		14				
5/3/2017	29		41	4.1	18	9.4
10/4/2017	32	16	40		48	9.3
10/5/2017				4.5		
1/24/2018		12	38			
1/25/2018	22			4.6	19	11
6/20/2018		13		4	45	11
6/21/2018	13					
6/26/2018			38			
9/27/2018	13	9				
9/28/2018			46			
10/1/2018					22	8
10/2/2018				4.2		
1/22/2019				4.4	25	13
1/24/2019		3.8				
1/25/2019			46			
1/31/2019	15					
6/25/2019				4.3	26	9.8
6/26/2019	16	11	43			
9/11/2019			42			
9/12/2019				4.2	52	
9/16/2019		14				
9/17/2019	7.2					7.7
3/12/2020				4.3		
3/16/2020		3.1				14
3/17/2020	15				40	
3/18/2020			46			
9/10/2020	29	21	46	4.6	39	7.8
3/16/2021			52			
3/17/2021		13		4.4	38	
3/18/2021	19					12

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	6.72	8.15	6.88	8.32	8.78	2.98
5/25/2016	7.09	8.68				
5/26/2016			6.42	6.78	9.13	3.16
7/25/2016			5.3	4.7	7.7	
7/26/2016						2.9
7/27/2016	6.4	7.9				
9/16/2016	6.7					
9/19/2016		7.8	5.4	4.3		
9/20/2016					8.9	3.6
11/17/2016	6.3	7.5	5.5	4.1	7.9	2.8
2/1/2017	6.8	8.7	7.3			
2/2/2017				14	8.9	3.3
3/24/2017	6.3	7.5	6.4	8.7		
3/28/2017					7.9	3.2
5/3/2017	6.9	8.2	6.8	9.9		
5/4/2017					9.1	3.1
10/4/2017		9.1				
10/5/2017	7.4		7.3	7.5		
10/6/2017					9.4	4.1
1/25/2018	7.1	8.3	7.1	8.5		
1/26/2018					8.5	3.2
6/20/2018	6.9					3.6
6/21/2018			6.4	7.3	8.6	
6/26/2018		7.7				
9/27/2018				5.9	9.8	4.6
9/28/2018			6.9			
10/1/2018	7					
10/2/2018		8.2				
1/24/2019		7.7				4.1
1/25/2019	7					
1/28/2019			7	9.9	8.6	
6/25/2019	7	8.4			9	5
6/26/2019				7.3		
6/27/2019			7			
9/11/2019	7.1	8	7		8.4	4.1
9/12/2019				5.4		
3/17/2020	7.4	8.5	7.6			
3/18/2020				11	8.9	7.3
9/11/2020	6.9					
9/14/2020		6.6	7.3			
9/15/2020				5.7	8.1	6.4
3/16/2021		7.9	7.8		8.9	6
3/17/2021	7.3			9.6		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.73
3/24/2016					1.72	
3/28/2016				12.3		
3/29/2016		3.32				
3/30/2016			1.01			
3/31/2016	11.5					
5/24/2016						0.745
5/25/2016		3.4	0.69	7.2	1.68	
5/26/2016	11.5					
7/26/2016	9.5				1.4	1.4
7/27/2016		2.9	0.4	5.4		
9/16/2016			1.3			
9/19/2016				8.4	1.5	1.2
9/20/2016	11	3.3				
11/11/2016						3.3
11/14/2016					1.8	
11/15/2016				10		
11/17/2016	10					
11/18/2016		2.9	1.3			
1/19/2017					1.6	
1/20/2017						2.2
1/24/2017				14		
2/3/2017	11	3.3	1.2			
3/16/2017					1.7	1
3/23/2017				13		
3/28/2017	9.8	3.1				
3/29/2017			1.3			
4/28/2017						0.88
5/1/2017					1.6	
5/2/2017				41		
5/3/2017	10					
5/4/2017		3.3	1.6			
10/3/2017						1.1
10/4/2017					1.8	
10/5/2017	11	3.6	1.4	11		
1/19/2018						2.5
1/22/2018					1.9	
1/25/2018	10	3.3	1.3	12		
6/20/2018	10	3.4				
6/27/2018			0.38	8.5	1.7	2.4
9/26/2018				9.2		
9/27/2018					2.1	3.4
9/28/2018			0.81			
10/1/2018	10	3.6				
1/24/2019	10			5.4	1.9	0.71
1/25/2019		3.7				
1/31/2019			0.39			
6/25/2019	12			3.5	1.8	
6/26/2019		3.6	0.34 (J)			3.7
9/10/2019	11					
9/11/2019			0.9	6		
9/12/2019		3.6			1.8	1.2

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			0.42 (J)	8.9		0.94
3/13/2020					2.3	
3/18/2020	11	4				
9/9/2020						2.3
9/10/2020	10	3.7				
9/14/2020				3.4		
9/15/2020			0.15 (J)		2	
3/15/2021	11					
3/17/2021				7.1	2.1	
3/18/2021		3.5	0.18 (J)			3.1

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	3.03		5.18	13.8		
3/24/2016					3.27	1.97
3/30/2016		11.3				
5/20/2016	3.37					
5/23/2016					2.82	1.97
5/24/2016			6.58	9.38		
5/25/2016		12.9				
7/21/2016	2.9				2.6	1.7
7/22/2016			7.1	9		
7/27/2016		12				
9/15/2016					2.9	1.9
9/16/2016			8.7	11		
9/20/2016	3.2					
11/14/2016	2.8					
11/15/2016			6.9		2.5	1.8
11/17/2016				55 (O)		
1/24/2017	3.1					
1/25/2017		8.3		<0.25	2.7	
1/26/2017			13			2.2
3/17/2017	2.9					
3/22/2017					2.7	1.8
3/23/2017		10		15		
3/24/2017			12			
5/1/2017	3			10	3.1	
5/2/2017		9.8	15			2.1
7/19/2017		10				
8/4/2017		13		11		
10/3/2017					3.2	2.1
10/4/2017	3.3					
10/5/2017				16		
10/6/2017		13	15			
1/23/2018		11	12	10	3	2.2
1/24/2018	3.2					
6/19/2018						2
6/20/2018					3.2	
6/21/2018	3.3					
6/26/2018			7.1	13		
6/27/2018		9.6				
10/1/2018						2.1
10/2/2018			7.7	15	3.1	
10/3/2018	3.3	11				
1/21/2019						2
1/28/2019					2.9	
1/30/2019	3.4		7	17		
1/31/2019		11				
6/26/2019		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			10	14		1.9
3/11/2020	4.1				2.6	1.8
3/12/2020				19		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		10				
3/18/2020			12			
9/10/2020	3.9					
9/11/2020		11			2.7	2.1
9/15/2020			6.6			
9/16/2020				14		
3/16/2021		9.7			3	2.2
3/17/2021			8.5			
3/18/2021	3.9			17		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	23.9	10.8			
3/29/2016			70.8	27.2	12.6
5/23/2016	26.3				
5/24/2016		13	63.2	30.8	14.9
7/21/2016	21	12			
7/22/2016			56		
7/25/2016					23
7/26/2016				24	
9/15/2016	20	16	60		
9/19/2016				30	25
11/15/2016	20				
11/16/2016		14	59	30	28
1/26/2017	16	13	61	29	
1/31/2017					18
3/22/2017	17	12	56		
3/23/2017				33	19
5/2/2017	38	12	59		18
5/3/2017				28	
10/3/2017	27	14	57		19
10/5/2017				28	
1/23/2018	31	14	51		
1/24/2018				25	16
6/21/2018				29	13
6/25/2018	35	12	54		
9/25/2018		15			
9/26/2018				34	18
10/2/2018			52		
10/3/2018	32				
1/21/2019			52		
1/22/2019				22	11
1/30/2019	34	12			
6/25/2019			50	29	14
6/26/2019	39	12			
9/10/2019			50	30	
9/12/2019	31	16			
9/16/2019					19
3/12/2020			47	19	
3/16/2020	33	12			8.9
9/9/2020	32				
9/11/2020		15			14
9/14/2020			43	27	
3/16/2021			47	28	11
3/17/2021	34	15			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.3716	1.5096		
3/23/2016	1.8057	2.5102				9.041
3/31/2016					8.3045	
5/19/2016				1.51		13.1
5/20/2016	1.84					
5/23/2016			1.33			
5/24/2016		4.52				
5/25/2016					10.1	
7/21/2016	1.9			1.6		17
7/25/2016			1.4			
7/26/2016		4				
7/27/2016					10	
9/14/2016						17
9/15/2016	1.8		1.3			
9/16/2016		4.1				
11/9/2016			1.4			
11/10/2016		4.6				23
11/11/2016	1.8					
1/17/2017			1.3	1.3		14
1/19/2017	1.8	5.6				
3/16/2017	1.7		1.2			16
3/17/2017		4.4				
4/27/2017			1.2	1.4		15
4/28/2017	1.7	4.7				
7/18/2017				1.2		
8/1/2017				1.3		
10/3/2017		4.7	1.2	1.2	9.5	17
10/4/2017	1.7					
1/19/2018	1.6	4.3	1.1	1		
1/22/2018						15
6/19/2018	1.7	3.6	1.2	1.2		12
6/20/2018					12	
9/25/2018	1.7	4.9	1.2	1.2		17
1/17/2019	1.8	3.7				11
1/18/2019				1.3	19	
1/21/2019			1.2			
6/24/2019	1.7	6.1				11
6/25/2019			1.3	24	<1	
9/9/2019	1.9					
9/10/2019		5.1	1.3	1.3		17
9/11/2019					22	
3/10/2020	2	3.9	1.4	1.1	43	10
9/9/2020	2		1.3	1.2	34	13
9/10/2020		5.1				
3/15/2021	2.2	4	1.2	1.2	49	6.7

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		3.4214	10.931	1.3057		
3/30/2016	3.7204				49.11	9.921
5/25/2016	3.89	5.33	10.5	1.27	65.8	6.31
7/22/2016			13			
7/25/2016		5.8				
7/26/2016				1.4	64	3.6
7/27/2016	6.5					
9/15/2016			13	1.3	110	
9/16/2016	5.9					
9/19/2016		5.2				
9/20/2016						2.7
11/16/2016		6.7	14			
11/17/2016	7.9			1.2	180	2.5
1/31/2017		2.1	17	1.2		
2/1/2017	4.9				46	5.4
3/23/2017		2	20	1.2	68	6.6
3/24/2017	2.6					
5/2/2017		3.3				
5/3/2017	3.9		18	1.1	49	5.1
10/4/2017	3.9	3.5	18		160	4.2
10/5/2017				1.1		
1/24/2018		2.3	19			
1/25/2018	4.2			1	52	6.5
6/20/2018		3.1		1.2	150	3.4
6/21/2018	4.6					
6/26/2018			20			
9/27/2018	5.4	3.3				
9/28/2018			21			
10/1/2018					74	4.3
10/2/2018				1.3		
1/22/2019				1.2	80	9.1
1/24/2019		0.94 (J)				
1/25/2019			23			
1/31/2019	4					
6/25/2019				1.3	82	5.8
6/26/2019	4.2	3.2	21			
9/11/2019			23			
9/12/2019				1	190	
9/16/2019		3.1				
9/17/2019	3.6					2.8
3/12/2020				1.3		
3/16/2020		0.81 (J)				9.5
3/17/2020	3.7				120	
3/18/2020			22			
9/10/2020	4.6	4.2	25	1.4	140	3.7
3/16/2021			27			
3/17/2021		2.8		1.4	140	
3/18/2021	3.2					6.3

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	1.4751	1.3046	1.9012	2.2278	2.0074	3.9326
5/25/2016	1.43	1.31				
5/26/2016			1.78	1.53	2	3.59
7/25/2016			1.7	1.5	2.1	
7/26/2016						3.3
7/27/2016	1.7	1.4				
9/16/2016	1.5					
9/19/2016		1.3	1.6	1.4		
9/20/2016					2	3.1
11/17/2016	1.4	1.3	1.5	1.4	1.9	3
2/1/2017	1.4	1.2	1.9			
2/2/2017				3.1	1.9	<1
3/24/2017	1.3	1.1	1.8	2.1		
3/28/2017					1.8	3.4
5/3/2017	1.3	1.2	1.6	1.8		
5/4/2017					1.9	3.4
10/4/2017		1.1				
10/5/2017	1.3		1.5	1.6		
10/6/2017					1.8	3.2
1/25/2018	1.2	0.99 (J)	1.6	1.7		
1/26/2018					1.6	3.3
6/20/2018	1.3					3.5
6/21/2018			1.5	1.6	1.9	
6/26/2018		1.1				
9/27/2018				1.3	1.8	3.1
9/28/2018			1.6			
10/1/2018	1.4					
10/2/2018		1.2				
1/24/2019		1.2				4.1
1/25/2019	1.5					
1/28/2019			1.7	2.2	2	
6/25/2019	1.5	1.2			1.9	3.5
6/26/2019				1.5		
6/27/2019			1.6			
9/11/2019	1.6	1.1	1.5		1.9	2.9
9/12/2019				1.3		
3/17/2020	1.9	1.3	1.9			
3/18/2020				2.5	2.1	3.8
9/11/2020	1.7					
9/14/2020		1.3	1.8			
9/15/2020				1.4	2	3.2
3/16/2021		1.2	1.8		2	3.5
3/17/2021	1.6			2.2		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.0825
3/24/2016					2.8217	
3/28/2016				5.992		
3/29/2016		1.9463				
3/30/2016			4.6264			
3/31/2016	1.8479					
5/24/2016						1.08
5/25/2016		1.96	4.6		2.93	
5/26/2016	1.71			8.14		
7/26/2016	1.8				3	1.1
7/27/2016		2.1	4.9	6.3		
9/16/2016			3.6			
9/19/2016				5.1	2.9	1
9/20/2016	1.7	1.9				
11/11/2016						0.97 (J)
11/14/2016					2.8	
11/15/2016				3.9		
11/17/2016	1.7					
11/18/2016		1.8	3.4			
1/19/2017					2.8	
1/20/2017						0.99 (J)
1/24/2017				3.6		
2/3/2017	1.6	1.9	3.6			
3/16/2017					2.7	1
3/23/2017				3.2		
3/28/2017	1.5	1.8				
3/29/2017			3.2			
4/28/2017						0.96 (J)
5/1/2017					2.8	
5/2/2017				3.5		
5/3/2017	1.5					
5/4/2017		1.8	3.2			
10/3/2017						0.96 (J)
10/4/2017					2.8	
10/5/2017	1.5	1.8	3.3	3.5		
1/19/2018						0.91 (J)
1/22/2018					2.6	
1/25/2018	1.3	1.6	3.1	3.6		
6/20/2018	1.5	1.9				
6/27/2018			3.8	5.2	2.8	0.92 (J)
9/26/2018				5.6		
9/27/2018					3	1
9/28/2018			3.8			
10/1/2018	1.6	1.9				
1/24/2019	1.6			8.7	3.1	1.1
1/25/2019		2				
1/31/2019			4.1			
6/25/2019	1.7			9	3	
6/26/2019		2	4.4			1.1
9/10/2019	1.6					
9/11/2019			4.2	7.9		
9/12/2019		1.9			2.3	0.88 (J)

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			4.2	6.9		1.3
3/13/2020					3.1	
3/18/2020	1.8	2.1				
9/9/2020						1.1
9/10/2020	1.6	2.1				
9/14/2020				8.2		
9/15/2020			4.9		3.1	
3/15/2021	1.5					
3/17/2021				5.9	3	
3/18/2021		2	4.4			1.2

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	1.3598		1.0533	2.2604		
3/24/2016					1.2259	4.4998
3/30/2016		1.9069				
5/20/2016	1.4					
5/23/2016					1.19	4.19
5/24/2016			1.1			
5/25/2016		1.89				
7/21/2016	1.4				1.3	4.4
7/22/2016			1.1			
9/15/2016					1.2	4
9/16/2016			1.1			
9/20/2016	1.3					
11/14/2016	1.3					
11/15/2016			1.1		1.2	4.2
11/17/2016				2.5		
1/24/2017	1.3					
1/25/2017		1.9		2.1	1.2	
1/26/2017			1.1			4.2
3/17/2017	1.3					
3/22/2017					1.1	3.9
3/23/2017				2		
3/24/2017			1.1			
5/1/2017	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		
10/3/2017					1.1	3.8
10/4/2017	1.2					
10/5/2017				2.1		
10/6/2017		1.7	1.1			
1/23/2018		1.4	<1	2	0.95 (J)	3.5
1/24/2018	1.1					
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		1.5				
10/1/2018						3.6
10/2/2018			1	2.2	1.1	
10/3/2018	1.4	1.7				
1/21/2019						3.5
1/28/2019					1.3	
1/30/2019	1.2		0.98 (J)	2.2		
1/31/2019		1.3				
6/26/2019		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			0.99 (J)	2.1		3.2
3/11/2020	1.5				1.4	3.5
3/12/2020				2.4		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		1.6				
3/18/2020			1.4			
9/10/2020	1.4					
9/11/2020		1.7			1.2	3.9
9/15/2020			1.1			
9/16/2020				2.2		
3/16/2021		1.4			1.1	4.2
3/17/2021			1.2			
3/18/2021	1.4			2.2		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	9.818	5.312			
3/29/2016			8.5125 (O)	3.5914	7.395
5/23/2016	10.4				
5/24/2016		6.21	32.8	3.16	16.4
7/21/2016	11	6.6			
7/22/2016			31		
7/25/2016					55
7/26/2016				5.9	
9/15/2016	10	6.1	29		
9/19/2016				5.4	73
11/15/2016	11				
11/16/2016		6.2	32	6.2	83
1/26/2017	9.2	5.8	29	3.6	
1/31/2017					17
3/22/2017	8.7	5.2	28		
3/23/2017				3.9	8.2
5/2/2017	13	5.1	26		11
5/3/2017				6.1	
10/3/2017	12	5.4	23		10
10/5/2017				6.4	
1/23/2018	13	5.1	18		
1/24/2018				3.5	5.6
6/21/2018				4.5	4.5
6/25/2018	12	5.5	19		
9/25/2018		6.3			
9/26/2018				5.4	19
10/2/2018			19		
10/3/2018	17				
1/21/2019			17		
1/22/2019				2.8	2.3
1/30/2019	15	5.3			
6/25/2019			16	3.9	7.7
6/26/2019	10	6			
9/10/2019			15	6	
9/12/2019	13	7.7			
9/16/2019					29
3/12/2020			13	2.9	
3/16/2020	9.5	9.7			2.3
9/9/2020	10				
9/11/2020		8.1			17
9/14/2020			12	5.5	
3/16/2021			13	3.7	3.3
3/17/2021	9.7	7.8			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	0.0014
9/16/2011	0.0015		<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<0.002
1/25/2012			<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					
7/23/2012		<0.002				0.0014
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	<0.002		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		0.0013		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	0.002	<0.002		
6/25/2014	<0.002				<0.002	<0.002
7/1/2014		<0.002	<0.002			
7/8/2014				<0.002 (D)		
1/14/2015	<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		
1/19/2016				<0.002 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
3/22/2016			<0.002	<0.002		
3/23/2016	<0.002	<0.002				<0.002
3/31/2016					<0.002	
5/19/2016				0.00684 (JO)		<0.002
5/20/2016	<0.002					
5/23/2016			<0.002			
5/24/2016		<0.002				
5/25/2016					<0.002	
7/21/2016	<0.002			<0.002		<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)			
9/16/2016		0.0019 (J)				
11/9/2016			0.0044			

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.002				<0.002
11/11/2016	<0.002					
1/17/2017			<0.002	<0.002		<0.002
1/19/2017	<0.002	<0.002				
3/16/2017	<0.002		<0.002			<0.002
3/17/2017		<0.002				
4/27/2017			<0.002	<0.002		<0.002
4/28/2017	<0.002	<0.002				
7/18/2017				<0.002		
8/1/2017			<0.002	0.0015 (J)	<0.002	
8/2/2017		<0.002				<0.002
8/3/2017	<0.002					
10/3/2017					0.0013 (J)	
1/19/2018	<0.002	<0.002	<0.002	<0.002		
1/22/2018						<0.002
6/19/2018	<0.002	0.0011 (J)	<0.002	<0.002		<0.002
6/20/2018					<0.002	
1/17/2019	0.0012 (J)	0.0016 (J)				0.0013 (J)
1/18/2019				0.002 (J)	0.0017 (J)	
1/21/2019			0.0014 (J)			
6/24/2019	0.0042	0.0022				0.0022
6/25/2019			0.0024	0.003	0.0027	
9/9/2019	0.0017 (J)					
9/10/2019		0.0019 (J)	0.0018 (J)	0.0019 (J)		<0.002
9/11/2019					<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002
9/10/2020		<0.002				
3/15/2021	<0.002	<0.002	0.0028	0.021	<0.002	<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.0031	<0.002	0.0019	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		0.0032	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		0.0031	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/8/2012						<0.002
2/9/2012		<0.002				
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		0.0013	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<0.002	<0.002	<0.002	
1/15/2014		0.0013				
1/21/2014			<0.002	<0.002	<0.002	<0.002
6/24/2014						<0.002
6/25/2014		0.002				
7/1/2014			<0.002	<0.002	<0.002	
1/14/2015					<0.002	<0.002
1/21/2015		0.0013	<0.002	<0.002		
7/22/2015					<0.002	<0.002
7/28/2015		0.0017	<0.002	<0.002		
1/25/2016	<0.002					
1/26/2016		0.0012 (J)	<0.002			
1/27/2016				<0.002	<0.002	<0.002
3/29/2016		<0.002	<0.002	<0.002		
3/30/2016	<0.002				<0.002	<0.002
5/25/2016	<0.002	0.00213 (J)	<0.002	<0.002	<0.002	<0.002
7/22/2016			<0.002			
7/25/2016		0.0015 (J)				
7/26/2016				<0.002	<0.002	<0.002
7/27/2016	0.0029					
9/15/2016			<0.002	<0.002	<0.002	
9/16/2016	<0.002					
9/19/2016		0.0022 (J)				
9/20/2016						<0.002
11/16/2016		0.002 (JB)	<0.002			
11/17/2016	<0.002			<0.002	<0.002	<0.002
1/31/2017		0.0022 (J)	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
3/23/2017		0.002 (J)	<0.002	<0.002	<0.002	<0.002
3/24/2017	<0.002					
5/2/2017		0.0019 (J)				
5/3/2017	<0.002		<0.002	<0.002	<0.002	<0.002
8/4/2017				<0.002		<0.002
8/7/2017		0.0023 (J)	<0.002		<0.002	
8/8/2017	<0.002					
1/24/2018		0.0019 (J)	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		0.002 (J)		<0.002	<0.002	<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	<0.002					
6/26/2018			<0.002			
1/22/2019				0.0013 (J)	0.0013 (J)	0.0013 (J)
1/24/2019		0.003				
1/25/2019			0.0011 (J)			
1/31/2019	0.0018 (J)					
6/25/2019				0.0022	0.0023	0.0022
6/26/2019	0.0021	0.0041	0.0021			
9/11/2019			0.0023			
9/12/2019				0.0027	0.002	
9/16/2019		0.0035				
9/17/2019	<0.002					<0.002
3/12/2020				<0.002		
3/16/2020		0.0019 (J)				<0.002
3/17/2020	<0.002				<0.002	
3/18/2020			<0.002			
9/10/2020	<0.002	0.0018 (J)	<0.002	<0.002	<0.002	<0.002
3/16/2021			0.0022			
3/17/2021		0.0016 (J)		<0.002	<0.002	
3/18/2021	<0.002					<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0028	0.0014	0.0014	0.0014		
8/31/2011					0.0016	0.0014
10/26/2011	0.0023	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<0.002				
2/8/2012			<0.002	<0.002	<0.002	<0.002
7/11/2012	0.0022	<0.002	<0.002	<0.002	<0.002	
7/17/2012						<0.002
1/8/2013	0.0023	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	0.0024					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	0.0023	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	0.0024	<0.002				
1/13/2015	0.0024		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	0.0023					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		<0.002				
1/26/2016						<0.002
1/27/2016	0.0022	<0.002	<0.002	<0.002	<0.002	
3/30/2016	0.00261 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
5/25/2016	0.00238 (J)	<0.002				
5/26/2016			<0.002	<0.002	<0.002	<0.002
7/25/2016			<0.002	<0.002	<0.002	
7/26/2016						<0.002
7/27/2016	0.0025	<0.002				
9/16/2016	0.0023 (J)					
9/19/2016		<0.002	<0.002	<0.002		
9/20/2016					<0.002	<0.002
11/17/2016	0.0022 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
2/1/2017	0.0024 (J)	<0.002	0.0014 (J)			
2/2/2017				<0.002	<0.002	<0.002
3/24/2017	0.0026	<0.002	<0.002	<0.002		
3/28/2017					<0.002	<0.002
5/3/2017	0.0022 (J)	<0.002	<0.002	<0.002		
5/4/2017					<0.002	<0.002
8/7/2017	0.0023 (J)	<0.002	<0.002	<0.002	0.0017 (J)	<0.002
1/25/2018	0.0023 (J)	<0.002	<0.002	<0.002		
1/26/2018					<0.002	<0.002
6/20/2018	0.0025					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		0.0014 (J)				0.0012 (J)
1/25/2019	0.0038					
1/28/2019			0.0012 (J)	<0.002	0.0011 (J)	
6/25/2019	0.0045	0.0042			0.0023	0.0021
6/26/2019				0.0023		

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/27/2019			0.0022			
9/11/2019	0.0043	<0.002	<0.002		0.0027	0.0022
9/12/2019				0.0024		
3/17/2020	0.0024	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	0.0022					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	<0.002
3/17/2021	0.0027			<0.002		

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		0.0019				
9/17/2011				0.0015	0.0018	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				0.0065 (O)	<0.002	
7/17/2012				0.0025	<0.002	<0.002
7/18/2012	0.0016	<0.002				
1/22/2013	0.0019	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		0.0013				
7/24/2013				0.0017	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				<0.002	<0.002	<0.002
6/25/2014	0.0011 (J)					
7/1/2014		0.0011 (J)				
7/8/2014			<0.002	<0.002	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	0.0015					
7/29/2015		0.0012 (J)				
7/30/2015				<0.002		<0.002
7/31/2015			<0.002		<0.002	
1/20/2016			<0.002			
1/21/2016		<0.002		0.002		
1/22/2016						<0.002
1/25/2016					<0.002	
1/26/2016	<0.002					
3/23/2016						<0.002
3/24/2016					<0.002	
3/28/2016				<0.002		
3/29/2016		0.00226 (J)				
3/30/2016			<0.002			
3/31/2016	<0.002					
5/24/2016						<0.002
5/25/2016		<0.002	<0.002	<0.002	<0.002	
5/26/2016	<0.002					
7/26/2016	<0.002				<0.002	<0.002
7/27/2016		<0.002	<0.002	<0.002		
9/16/2016			<0.002			
9/19/2016				<0.002	<0.002	<0.002
9/20/2016	0.0011 (J)	<0.002				
11/11/2016						<0.002
11/14/2016					<0.002	
11/15/2016				<0.002		

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.002					
11/18/2016		<0.002	<0.002			
1/19/2017					<0.002	
1/20/2017						<0.002
1/24/2017				0.0043		
2/3/2017	0.0011 (J)	<0.002	0.0011 (J)			
3/16/2017					<0.002	<0.002
3/23/2017				<0.002		
3/28/2017	0.0027	<0.002				
3/29/2017			<0.002			
4/28/2017						<0.002
5/1/2017					<0.002	
5/2/2017				0.015 (O)		
5/3/2017	0.0018 (J)					
5/4/2017		<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	0.0015 (J)	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	0.0021 (J)			0.0026	0.0018 (J)	0.0015 (J)
1/25/2019		0.0017 (J)				
1/31/2019			0.0022 (J)			
6/25/2019	0.003			0.003	0.003	
6/26/2019		0.0023	0.0027			0.0022
9/10/2019	0.0026					
9/11/2019			0.0023	0.0034		
9/12/2019		0.0024			0.0033	0.0024
3/12/2020			<0.002	<0.002		<0.002
3/13/2020					<0.002	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				<0.002		
9/15/2020			<0.002		<0.002	
3/15/2021	<0.002					
3/17/2021				<0.002	<0.002	
3/18/2021		<0.002	<0.002			<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.0052				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						<0.002
1/23/2014	<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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	0.0013		
1/21/2015		0.0026				
7/28/2015						<0.002
7/29/2015				0.0028	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	<0.002
1/25/2016		0.0014	<0.002	0.001 (J)		
3/23/2016	<0.002		<0.002	<0.002		
3/24/2016					<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		
5/25/2016		0.00321 (J)				
7/21/2016	<0.002				<0.002	<0.002
7/22/2016			<0.002	<0.002		
7/27/2016		0.0043				
9/15/2016					<0.002	<0.002
9/16/2016			<0.002	<0.002		
9/20/2016	0.0011 (J)					
11/14/2016	<0.002					
11/15/2016			<0.002		<0.002	<0.002
11/17/2016				0.0034		
1/24/2017	<0.002					
1/25/2017		0.0027		<0.002	<0.002	
1/26/2017			<0.002			<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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			
5/1/2017	<0.002			<0.002	<0.002	
5/2/2017		0.0027	<0.002			<0.002
7/19/2017		0.0019 (J)				
8/3/2017			0.0053 (O)		<0.002	<0.002
8/4/2017	<0.002	0.0021 (J)		<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		0.0017 (J)				
1/21/2019						0.0013 (J)
1/28/2019					0.00076 (J)	
1/30/2019	0.0018 (J)		0.0017 (J)	0.0026		
1/31/2019		0.0031				
6/26/2019		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			0.0024	0.0032		0.0026
3/11/2020	<0.002				<0.002	<0.002
3/12/2020				0.0018 (J)		
3/17/2020		<0.002				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		0.0018 (J)			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				<0.002		
3/16/2021		0.002			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	0.0013
10/27/2011	<0.002				
10/30/2011		0.0016	<0.002	<0.002	<0.002
12/4/2011					0.0021
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			0.0019
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	0.002
7/17/2013	<0.002				
1/14/2014			<0.002	<0.002	<0.002
1/15/2014	<0.002	<0.002			
6/24/2014			0.0018	<0.002	0.0029
6/25/2014	<0.002	<0.002			
1/13/2015	0.0012 (J)				
1/20/2015		<0.002	<0.002	<0.002	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	0.0013
1/20/2016	<0.002	<0.002			
1/26/2016			<0.002	<0.002	<0.002
3/28/2016	<0.002	<0.002			
3/29/2016			<0.002	<0.002	<0.002
5/23/2016	<0.002				
5/24/2016		<0.002	<0.002	<0.002	<0.002
7/21/2016	0.0011 (J)	<0.002			
7/22/2016			<0.002		
7/25/2016					<0.002
7/26/2016				<0.002	
9/15/2016	<0.002	<0.002	<0.002		
9/19/2016				<0.002	<0.002
11/15/2016	<0.002				
11/16/2016		<0.002	<0.002	<0.002	<0.002
1/26/2017	0.0013 (J)	<0.002	<0.002	<0.002	
1/31/2017					0.0015 (J)
3/22/2017	0.024 (O)	<0.002	<0.002		
3/23/2017				<0.002	0.0021 (J)
5/2/2017	<0.002	<0.002	<0.002		0.0016 (J)
5/3/2017				<0.002	
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				<0.002	0.0024 (J)
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	0.0019 (J)
6/21/2018				<0.002	0.0023 (J)
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			0.0012 (J)		
1/22/2019				0.0014 (J)	0.0027

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.0021 (J)	0.002 (J)			
6/25/2019			0.0021	0.0024	0.0048
6/26/2019	0.0029	0.0027			
9/10/2019			<0.002	0.0018 (J)	
9/12/2019	0.0033	0.0049			
9/16/2019					0.0027
3/12/2020			<0.002	<0.002	
3/16/2020	0.0017 (J)	<0.002			0.0015 (J)
9/9/2020	<0.002				
9/11/2020		<0.002			0.0017 (J)
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	0.0027	0.0073
3/17/2021	0.0015 (J)	<0.002			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.0028	0.0028
9/16/2011	<0.0025		<0.0025			
9/17/2011		<0.0025		<0.0025		
10/27/2011	<0.0025	<0.0025				<0.0025
10/28/2011			<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			
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					
7/23/2012		<0.0025				0.0073
1/23/2013		<0.0025				0.0029
1/24/2013	<0.0025		<0.0025	<0.0025		
7/17/2013	<0.0025					0.0033
7/23/2013			<0.0025			
7/24/2013		<0.0025		<0.0025		
1/15/2014						0.0076
1/21/2014	<0.0025					
1/22/2014		<0.0025	<0.0025	<0.0025		
6/25/2014	<0.0025				0.00075 (J)	0.0044
7/1/2014		0.00056 (J)	<0.0025			
7/8/2014				<0.0025		
1/14/2015	0.00068 (J)					0.015
1/21/2015			<0.0025	<0.0025		
1/22/2015		0.00067 (J)				
7/21/2015	<0.0025		<0.0025		0.00066 (J)	0.0053
7/22/2015		<0.0025		<0.0025		
1/19/2016				<0.0025 (D)		
1/20/2016		<0.0025				0.0034
1/21/2016	<0.0025					
1/22/2016			<0.0025			
3/22/2016			<0.0025	<0.0025		
3/23/2016	<0.0025	<0.0025				0.00443 (J)
3/31/2016					<0.0025	
5/19/2016				<0.0025		0.00361 (J)
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					<0.0025	
7/21/2016	<0.0025			<0.0025		0.0058
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			
9/16/2016		0.0011 (J)				
11/9/2016			<0.0025			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0025				0.01
11/11/2016	<0.0025					
1/17/2017			<0.0025	<0.0025		0.013
1/19/2017	<0.0025	<0.0025				
3/16/2017	<0.0025		<0.0025			0.0059
3/17/2017		<0.0025				
4/27/2017			<0.0025	<0.0025		0.0052
4/28/2017	0.00044 (J)	0.00045 (J)				
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					
10/3/2017					<0.0025	
1/19/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/22/2018						0.0046
6/19/2018	<0.0025	0.00061 (J)	<0.0025	<0.0025		0.005
6/20/2018					<0.0025	
1/17/2019	0.00033 (J)	0.00018 (J)				0.0038
1/18/2019				<0.0025	0.00011 (J)	
1/21/2019			<0.0025			
6/24/2019	0.00019 (J)	0.00019 (J)				0.006
6/25/2019			<0.0025	0.00012 (J)	0.00042 (J)	
9/9/2019	0.00019 (J)					
9/10/2019		0.00029 (J)	<0.0025	8.9E-05 (J)		0.0062
9/11/2019					0.00017 (J)	
3/10/2020	0.00017 (J)	0.00017 (J)	<0.0025	<0.0025	0.00081 (J)	0.0035
9/9/2020	<0.0025		<0.0025	<0.0025	0.00076 (J)	0.0047
9/10/2020		0.00019 (J)				
3/15/2021	0.00022 (J)	0.00021 (J)	<0.0025	<0.0025	0.0015 (J)	0.0073

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.013	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					0.044 (O)	<0.0025
10/28/2011		0.014	<0.0025	<0.0025		
12/3/2011					0.0037	<0.0025
12/4/2011		0.011	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	0.021	
2/9/2012		0.0091				<0.0025
7/11/2012			<0.0025	<0.0025	<0.005	<0.0025
7/18/2012		0.0061				
1/8/2013		0.0035	<0.0025	<0.0025	<0.0013	<0.0025
7/2/2013						<0.0025
7/9/2013		0.0044				
7/10/2013			<0.0025	<0.0025	0.0014	
1/15/2014		0.0043				
1/21/2014			<0.0025	<0.0025	0.043	<0.0025
6/24/2014						<0.0025
6/25/2014		0.011				
7/1/2014			<0.0025	<0.0025	0.0011 (J)	
1/14/2015					0.019	0.00063 (J)
1/21/2015		0.0057	<0.0025	<0.0025		
7/22/2015					0.016	0.00065 (J)
7/28/2015		0.009	<0.0025	<0.0025		
1/25/2016	0.0048					
1/26/2016		0.0025	<0.0025			
1/27/2016				<0.0025	0.45	0.0016
3/29/2016		0.00664 (J)	<0.0025	<0.0025		
3/30/2016	0.0025 (J)				0.176	<0.0025
4/20/2016					0.13	
5/25/2016	0.00272 (J)	0.0102	<0.0025	<0.0025	0.0616	<0.0025
7/22/2016			<0.0025			
7/25/2016		0.0059				
7/26/2016				<0.0025	0.32	<0.0025
7/27/2016	0.0052					
9/15/2016			<0.0025	<0.0025	0.014	
9/16/2016	0.0048					
9/19/2016		0.0061				
9/20/2016						<0.0025
11/16/2016		0.005	<0.0025			
11/17/2016	0.0095			<0.0025	0.01	0.001 (J)
1/31/2017		0.012	<0.0025	<0.0025		
2/1/2017	0.009				0.2	<0.0025
3/23/2017		0.013	<0.0025	<0.0025	0.14	0.0013 (J)
3/24/2017	0.0026					
5/2/2017		0.013				
5/3/2017	0.0073		<0.0025	<0.0025	0.23	0.00055 (J)
8/4/2017				<0.0025		0.0018 (J)
8/7/2017		0.0099	<0.0025		0.026	
8/8/2017	0.0037					
1/24/2018		0.0047	<0.0025			
1/25/2018	0.01			<0.0025	0.23	0.00072 (J)
6/20/2018		0.0063		<0.0025	0.048	<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	0.012					
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.22	0.00016 (J)
1/24/2019		0.0015 (J)				
1/25/2019			0.00032 (J)			
1/31/2019	0.0063					
6/25/2019				<0.0025	0.23	0.00012 (J)
6/26/2019	0.0051	0.0037	0.00039 (J)			
9/11/2019			0.00017 (J)			
9/12/2019				<0.0025	0.013	
9/16/2019		0.0034				
9/17/2019	0.006					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.0014 (J)				<0.0025
3/17/2020	0.0038				0.16	
3/18/2020			0.0012 (J)			
9/10/2020	0.0046	0.0026	0.0043	<0.0025	0.078	<0.0025
3/16/2021			0.0013 (J)			
3/17/2021		0.0034		<0.0025	0.15	
3/18/2021	0.0018 (J)					<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0033 (O)	<0.0025	<0.0025	0.0042		
8/31/2011					<0.0025	0.0047
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	0.0032
12/3/2011	<0.0025	<0.0025	<0.0025	0.0036		
12/4/2011					<0.0025	0.003
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						0.0043
1/8/2013	<0.0025	<0.0025	<0.0025	0.0017	<0.0025	
1/9/2013						0.0019
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	0.0043
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				0.00055 (J)	<0.0025	0.00093 (J)
6/24/2014			<0.0025	0.00071 (J)	0.00071 (J)	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	0.00085 (J)	<0.0025	0.00058 (J)
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	0.00099 (J)	0.0011 (J)	<0.0025
7/28/2015		<0.0025				
1/26/2016						0.0015
1/27/2016	<0.0025	<0.0025	<0.0025	0.00077 (J)	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	0.00042 (J)	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					0.00064 (J)	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				0.011 (O)	<0.0025	0.0004 (J)
3/24/2017	<0.0025	<0.0025	<0.0025	0.0016 (J)		
3/28/2017					<0.0025	0.00047 (J)
5/3/2017	<0.0025	<0.0025	<0.0025	0.0017 (J)		
5/4/2017					<0.0025	0.00043 (J)
8/7/2017	<0.0025	<0.0025	<0.0025	0.00081 (J)	<0.0025	0.0024 (J)
1/25/2018	<0.0025	<0.0025	<0.0025	0.00047 (J)		
1/26/2018					0.00058 (J)	0.0048
6/20/2018	<0.0025					0.0031
6/21/2018			<0.0025	0.0009 (J)	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				0.0028
1/25/2019	0.00013 (J)					
1/28/2019			<0.0025	0.00043 (J)	<0.0025	
6/25/2019	<0.0025	<0.0025			0.00012 (J)	0.0028

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				0.00042 (J)		
6/27/2019			<0.0025			
9/11/2019	<0.0025	<0.0025	<0.0025		<0.0025	0.0017
9/12/2019				0.00035 (J)		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				0.0016 (J)	<0.0025	0.0006 (J)
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				0.0003 (J)	<0.0025	0.0027
3/16/2021		<0.0025	<0.0025		<0.0025	0.0022 (J)
3/17/2021	<0.0025			0.00038 (J)		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		0.0037 (O)				
9/17/2011				<0.0025	<0.0025	<0.0025
10/29/2011	<0.0025	<0.0025			<0.0025	<0.0025
10/31/2011				0.0042		
12/13/2011	<0.0025	0.003 (O)				
12/14/2011				0.0047	<0.0025	<0.0025
1/25/2012	<0.0025					<0.0025
1/31/2012		0.0027				
2/7/2012				<0.0025	<0.0025	
7/17/2012				0.044	<0.0025	0.0023
7/18/2012	<0.0025	0.0021				
1/22/2013	<0.0025	0.002				
1/24/2013					0.0018	0.0033
7/16/2013	<0.0025					
7/23/2013		0.0013				
7/24/2013				0.041	<0.0025	0.0046
1/21/2014	<0.0025					
1/22/2014		0.00035 (J)				
1/23/2014				0.0077	0.00041 (J)	0.0024
6/25/2014	<0.0025					
7/1/2014		0.00088 (J)				
7/8/2014			0.0023	0.028	<0.0025	0.0027
1/14/2015	<0.0025					
1/21/2015				0.0063	<0.0025	0.0025
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		0.00052 (J)				
7/30/2015				0.01		0.003
7/31/2015			0.0018		<0.0025	
1/20/2016			0.0023			
1/21/2016		<0.0025		0.0094		
1/22/2016						0.0018
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						0.00275 (J)
3/24/2016					<0.0025	
3/28/2016				0.0117		
3/29/2016		<0.0025				
3/30/2016			<0.0025			
3/31/2016	<0.0025					
5/24/2016						0.0024 (J)
5/25/2016		<0.0025	<0.0025	0.0122	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	0.0043
7/27/2016		<0.0025	0.00095 (J)	0.0065		
9/16/2016			0.0053			
9/19/2016				0.0071	<0.0025	0.0024 (J)
9/20/2016	<0.0025	<0.0025				
11/11/2016						0.0018 (J)
11/14/2016					0.00061 (J)	
11/15/2016				0.029		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	0.0011 (J)			
1/19/2017					<0.0025	
1/20/2017						0.0027
1/24/2017				0.033		
2/3/2017	<0.0025	<0.0025	0.00097 (J)			
3/16/2017					<0.0025	0.0024 (J)
3/23/2017				0.022		
3/28/2017	<0.0025	<0.0025				
3/29/2017			0.00059 (J)			
4/28/2017						0.0026
5/1/2017					<0.0025	
5/2/2017				0.036		
5/3/2017	<0.0025					
5/4/2017		<0.0025	0.0011 (J)			
8/3/2017				0.00041 (J)	<0.0025	0.0024 (J)
8/8/2017	<0.0025	<0.0025	0.0011 (J)			
1/19/2018						0.0019 (J)
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	0.00088 (J)	0.01		
6/20/2018	<0.0025	<0.0025				
6/27/2018			0.00086 (J)	0.01	<0.0025	0.002 (J)
1/24/2019	<0.0025			0.0014 (J)	0.00012 (J)	0.0019 (J)
1/25/2019		8.4E-05 (J)				
1/31/2019			0.0029			
6/25/2019	<0.0025			0.001	0.00017 (J)	
6/26/2019		<0.0025	0.001			0.0023
9/10/2019	<0.0025					
9/11/2019			0.0013	0.013		
9/12/2019		9.3E-05 (J)			0.00012 (J)	0.0022
3/12/2020			0.002 (J)	0.0066		0.0009 (J)
3/13/2020					0.00015 (J)	
3/18/2020	0.00027 (J)	0.00022 (J)				
9/9/2020						0.0034
9/10/2020	<0.0025	0.00016 (J)				
9/14/2020				0.0074		
9/15/2020			0.0018 (J)		<0.0025	
3/15/2021	0.00013 (J)					
3/17/2021				0.004	<0.0025	
3/18/2021		0.00024 (J)	0.0028			0.0017 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	0.0017
7/17/2012			<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	<0.0025					
7/2/2013						<0.0025
7/17/2013				0.0013	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						0.00076 (J)
1/23/2014	<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			
1/14/2015					<0.0025	0.00069 (J)
1/20/2015	<0.0025		<0.0025	0.0013		
1/21/2015		<0.0025				
7/28/2015						0.00053 (J)
7/29/2015				0.00054 (J)	<0.0025	
7/30/2015	<0.0025		<0.0025			
1/19/2016	<0.0025					
1/21/2016					<0.0025	0.0005 (J)
1/25/2016		<0.0025	<0.0025	0.00082 (J)		
3/23/2016	<0.0025		<0.0025	<0.0025		
3/24/2016					<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	0.0136		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			0.00058 (J)	0.01		
7/27/2016		0.0015				
9/15/2016					<0.0025	<0.0025
9/16/2016			0.00088 (J)	0.011		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			<0.0025		0.00043 (J)	<0.0025
11/17/2016				0.0032		
1/24/2017	<0.0025					
1/25/2017		<0.0025		<0.0025	<0.0025	
1/26/2017			0.0013 (J)			<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	<0.0025			0.0085	<0.0025	
5/2/2017		<0.0025	0.00095 (J)			<0.0025
7/19/2017		<0.0025				
8/3/2017			0.00045 (J)		0.027 (O)	<0.0025
8/4/2017	<0.0025	<0.0025		0.0023 (J)		
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				
1/21/2019						0.00025 (J)
1/28/2019					<0.0025	
1/30/2019	<0.0025		0.00012 (J)	0.00012 (J)		
1/31/2019		<0.0025				
6/26/2019		<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			0.00087	0.00083		0.00027 (J)
3/11/2020	<0.0025				<0.0025	0.00022 (J)
3/12/2020				0.0013 (J)		
3/17/2020		0.00017 (J)				
3/18/2020			0.001 (J)			
9/10/2020	<0.0025					
9/11/2020		<0.0025			<0.0025	0.00028 (J)
9/15/2020			<0.0025			
9/16/2020				0.0019 (J)		
3/16/2021		0.00013 (J)			<0.0025	0.00026 (J)
3/17/2021			0.00021 (J)			
3/18/2021	<0.0025			0.00015 (J)		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	0.02	0.013			
9/7/2011			<0.0025	0.14 (O)	0.27 (O)
10/27/2011	0.038				
10/30/2011		0.037	<0.0025	0.021	<0.0025
12/4/2011					0.14
12/5/2011	0.04	0.029	<0.0025	0.17 (O)	
1/19/2012				0.028	0.13
1/25/2012	0.043	0.018	<0.0025		
7/18/2012	0.028		0.017	0.037	0.12
7/24/2012		0.011			
1/7/2013			0.03	0.037	
1/8/2013		0.012			0.056
1/9/2013	0.037				
7/9/2013		0.017	0.028	0.065	0.042
7/17/2013	0.018				
1/14/2014			0.021	0.026	0.038
1/15/2014	0.018	0.017			
6/24/2014			0.011	0.034	0.039
6/25/2014	0.019	0.0099			
1/13/2015	0.012				
1/20/2015		0.0098	0.0088	0.031	0.037
7/24/2015	0.013	0.012			
7/27/2015			0.0061	0.031	0.04
1/20/2016	0.012	0.01			
1/26/2016			0.002	0.021	0.028
3/28/2016	0.0101	0.0104			
3/29/2016			0.00652 (J)	0.0208	0.0328
5/23/2016	0.00701 (J)				
5/24/2016		0.00926 (J)	0.00462 (J)	0.0649	0.0334
7/21/2016	0.0079	0.01			
7/22/2016			0.0042		
7/25/2016					0.051
7/26/2016				0.044	
9/15/2016	0.02	0.014	0.0036		
9/19/2016				0.059	0.055
11/15/2016	0.011				
11/16/2016		0.015	0.0044	0.064	0.061
1/26/2017	0.0075	0.011	0.00091 (J)	0.0017 (J)	
1/31/2017					0.15
3/22/2017	0.0063	0.012	0.0016 (J)		
3/23/2017				0.025	0.091
5/2/2017	0.0036	0.0094	0.011		0.049
5/3/2017				0.047	
8/3/2017	0.0061	0.014			
8/4/2017			0.0033		
8/7/2017				0.042	0.057
1/23/2018	0.01	0.013	0.0028		
1/24/2018				0.014	0.044
6/21/2018				0.04	0.049
6/25/2018	0.0049	0.014	0.0057		
1/21/2019			0.00051 (J)		
1/22/2019				0.013	0.028

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.00068 (J)	0.017			
6/25/2019			0.0039	0.035	0.043
6/26/2019	0.0054	0.012			
9/10/2019			0.0035	0.041	
9/12/2019	0.0062	0.019			
9/16/2019					0.042
3/12/2020			0.00066 (J)	0.0047	
3/16/2020	0.0049	0.012			0.026
9/9/2020	0.0048				
9/11/2020		0.017			0.045
9/14/2020			0.0028	0.028	
3/16/2021			0.00057 (J)	0.0052	0.035
3/17/2021	0.0042	0.015			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<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					
7/23/2012		<0.002				<0.002
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	0.015		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		0.015		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	0.0012 (J)	0.015		
6/25/2014	<0.002				0.0016 (J)	<0.002
7/1/2014		0.0011 (J)	<0.002			
7/8/2014				0.0081 (D)		
1/14/2015	<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		
1/19/2016				0.0083 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
1/17/2017			<0.002	0.0065		<0.002
1/19/2017	<0.002	<0.002				
8/1/2017			<0.002	0.0044	<0.002	
8/2/2017		<0.002				<0.002
8/3/2017	<0.002					
1/19/2018	<0.002	<0.002	<0.002	0.0046		
1/22/2018						<0.002
6/19/2018	<0.002	<0.002	<0.002	0.0063		<0.002
6/20/2018					<0.002	
1/17/2019	<0.002	<0.002				<0.002
1/18/2019				0.0059	<0.002	
1/21/2019			<0.002			
6/24/2019	<0.002	0.0011 (J)				<0.002
6/25/2019			<0.002	0.0085	0.004	
9/9/2019	<0.002					
9/10/2019		0.0014 (J)	<0.002	0.0074		<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0015 (J)	
3/10/2020	<0.002	<0.002	<0.002	0.004	0.0025	<0.002
9/9/2020	<0.002		<0.002	0.0055	0.0029	<0.002
9/10/2020		0.00099 (J)				
3/15/2021	<0.002	0.001 (J)	<0.002	0.0062	0.0031	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.002	<0.002	<0.002	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		<0.002	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		<0.002	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/9/2012		<0.002				<0.002
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<0.002	<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
6/25/2014		0.0012 (J)				
7/1/2014			<0.002	<0.002	0.0014 (J)	
1/14/2015					<0.002	<0.002
1/21/2015		<0.002	<0.002	<0.002		
7/22/2015					<0.002	<0.002
7/28/2015		<0.002	<0.002	<0.002		
1/25/2016	<0.002					
1/26/2016		0.001 (J)	<0.002			
1/27/2016				0.0021 (J)	0.0068 (O)	<0.002
1/31/2017		<0.002	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
8/4/2017				<0.002		<0.002
8/7/2017		<0.002	<0.002		<0.002	
8/8/2017	<0.002					
1/24/2018		<0.002	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		<0.002		<0.002	<0.002	<0.002
6/21/2018	<0.002					
6/26/2018			<0.002			
1/22/2019				<0.002	<0.002	0.003
1/24/2019		<0.002				
1/25/2019			<0.002			
1/31/2019	<0.002					
6/25/2019				<0.002	0.0008 (J)	<0.002
6/26/2019	0.00064 (J)	<0.002	<0.002			
9/11/2019			0.00096 (J)			
9/12/2019				<0.002	0.0017 (J)	
9/16/2019		<0.002				
9/17/2019	0.0007 (J)					<0.002
3/12/2020				<0.002		
3/16/2020		<0.002				<0.002
3/17/2020	<0.002				<0.002	
3/18/2020			<0.002			
9/10/2020	0.0083	0.0034	<0.002	<0.002	<0.002	<0.002
3/16/2021			<0.002			

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/17/2021		<0.002		0.00064 (J)	<0.002	
3/18/2021	<0.002					<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.002	<0.002	<0.002	<0.002		
8/31/2011					<0.002	<0.002
10/26/2011	<0.002	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<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	<0.002	
7/17/2012						<0.002
1/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	<0.002					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	<0.002	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002				
1/13/2015	<0.002		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	<0.002					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		0.00081 (J)				
1/26/2016						<0.002
1/27/2016	<0.002	<0.002	<0.002	<0.002	<0.002	
2/1/2017	<0.002	<0.002	<0.002			
2/2/2017				<0.002	<0.002	<0.002
8/7/2017	<0.002	<0.002	<0.002	<0.002	0.0054 (O)	<0.002
1/25/2018	<0.002	<0.002	<0.002	<0.002		
1/26/2018					0.0025	<0.002
6/20/2018	<0.002					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		<0.002				<0.002
1/25/2019	<0.002					
1/28/2019			<0.002	<0.002	<0.002	
6/25/2019	<0.002	<0.002			<0.002	<0.002
6/26/2019				<0.002		
6/27/2019			<0.002			
9/11/2019	0.00065 (J)	0.00066 (J)	<0.002		0.00085 (J)	<0.002
9/12/2019				<0.002		
3/17/2020	<0.002	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	<0.002					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	0.0012 (J)
3/17/2021	<0.002			<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		<0.002				
9/17/2011				<0.002	<0.002	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				<0.002	<0.002	
7/17/2012				<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002				
1/22/2013	<0.002	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		<0.002				
7/24/2013				<0.002	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				0.0034 (J)	0.0027 (J)	<0.002
6/25/2014	<0.002					
7/1/2014		0.0015 (J)				
7/8/2014			<0.002	0.0017 (J)	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	<0.002					
7/29/2015		0.0012 (J)				
7/30/2015				0.0028 (J)		0.002 (J)
7/31/2015			0.0028 (J)		0.0024 (J)	
1/20/2016			0.0012 (J)			
1/21/2016		<0.002		0.0029 (J)		
1/22/2016						0.0038 (JO)
1/25/2016					<0.002	
1/26/2016	<0.002					
1/19/2017					<0.002	
1/20/2017						<0.002
1/24/2017				<0.002		
2/3/2017	<0.002	<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	<0.002	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	<0.002			0.003	0.0017 (J)	<0.002
1/25/2019		<0.002				
1/31/2019			0.00063 (J)			
6/25/2019	<0.002			0.0029	0.002	
6/26/2019		<0.002	0.00094 (J)			<0.002
9/10/2019	0.001 (J)					

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0013 (J)	0.0072		
9/12/2019		0.00068 (J)			0.001 (J)	0.0011 (J)
1/14/2020				0.0025		
3/12/2020			0.0012 (J)	0.0022		<0.002
3/13/2020					0.00078 (J)	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				0.0034		
9/15/2020			0.0023		<0.002	
3/15/2021	<0.002					
3/17/2021				0.0018 (J)	<0.002	
3/18/2021		0.00066 (J)	0.0022			0.00066 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						0.0017 (J)
1/23/2014	<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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	<0.002		
1/21/2015		<0.002				
7/28/2015						0.0008 (J)
7/29/2015				0.0012 (J)	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	0.00095 (J)
1/25/2016		<0.002	<0.002	<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
8/4/2017	<0.002	0.003		<0.002		
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		0.0036				
1/21/2019						<0.002
1/28/2019					<0.002	
1/30/2019	<0.002		<0.002	<0.002		
1/31/2019		0.00064 (J)				
6/26/2019		0.0019 (J)		<0.002	<0.002	<0.002
6/27/2019	<0.002		<0.002			
9/10/2019	<0.002					

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0063			0.0013 (J)	
9/12/2019			<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		
3/17/2020		0.0014 (J)				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		0.0013 (J)			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				0.00079 (J)		
3/16/2021		0.0029			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	<0.002
10/27/2011	<0.002				
10/30/2011		<0.002	<0.002	<0.002	<0.002
12/4/2011					<0.002
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			<0.002
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	<0.002
7/17/2013	<0.002				
1/14/2014			<0.002	0.001 (J)	<0.002
1/15/2014	0.0012 (J)	0.0031 (J)			
6/24/2014			<0.002	<0.002	<0.002
6/25/2014	0.00098 (J)	<0.002			
1/13/2015	0.00095 (J)				
1/20/2015		<0.002	<0.002	0.0014 (J)	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	<0.002
1/20/2016	<0.002	0.0011 (J)			
1/26/2016			<0.002	0.0013 (J)	0.0022 (J)
1/26/2017	<0.002	<0.002	<0.002	0.0021 (J)	
1/31/2017					0.0021 (J)
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				0.0035	<0.002
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	<0.002
6/21/2018				0.0024 (J)	0.0026
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			<0.002		
1/22/2019				<0.002	<0.002
1/30/2019	<0.002	<0.002			
6/25/2019			<0.002	0.00074 (J)	<0.002
6/26/2019	<0.002	<0.002			
9/10/2019			<0.002	0.00065 (J)	
9/12/2019	<0.002	<0.002			
9/16/2019					<0.002
3/12/2020			<0.002	0.0014 (J)	
3/16/2020	<0.002	<0.002			0.00077 (J)
9/9/2020	<0.002				
9/11/2020		<0.002			<0.002
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	0.001 (J)	<0.002
3/17/2021	<0.002	<0.002			

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.4375	2.2163		
3/23/2016	0.019 (J)	0.0276 (J)				0.0713 (J)
3/31/2016					0.0551 (J)	
5/19/2016				2.35		0.078 (J)
5/20/2016	0.02 (J)					
5/23/2016			1.62			
5/24/2016		0.023 (J)				
5/25/2016					0.0485 (J)	
7/21/2016	<0.1			3.2		<0.1
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			
9/16/2016		<0.1				
11/9/2016			1.7			
11/10/2016		<0.1				<0.1
11/11/2016	<0.1					
1/17/2017			1.6	2.6		<0.1
1/19/2017	<0.1	<0.1				
3/16/2017	<0.1		1.7			<0.1
3/17/2017		<0.1				
4/27/2017			1.4	2.5		<0.1
4/28/2017	<0.1	<0.1				
7/18/2017				2.2		
8/1/2017				2.5		
10/3/2017		<0.1	1.7	2.3	<0.1	<0.1
10/4/2017	<0.1					
1/19/2018	<0.1	<0.1	1.4	2.1		
1/22/2018						<0.1
6/19/2018	<0.1	<0.1	1.6	2.3		0.084 (J)
6/20/2018					<0.1	
9/25/2018	<0.1	<0.1	1.7	2.3		<0.1
1/17/2019	<0.1	<0.1				0.06 (J)
1/18/2019				2	0.028 (J)	
1/21/2019			1.6			
6/24/2019	0.031 (J)	0.032 (J)				0.08 (J)
6/25/2019			1.9	0.034 (J)	0.03 (J)	
9/9/2019	<0.1					
9/10/2019		<0.1	1.8	2.6		0.091 (J)
9/11/2019					0.033 (J)	
3/10/2020	<0.1	<0.1	2	1.7	0.035 (J)	0.056 (J)
9/9/2020	<0.1		1.8	1.9	0.032 (J)	0.06 (J)
9/10/2020		<0.1				
3/15/2021	0.036 (J)	<0.1	1.3	1.7	0.027 (J)	0.046 (J)

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		0.1377 (J)	0.1936 (J)	0.1084 (J)		
3/30/2016	1.2013				0.0355 (J)	0.0785 (J)
5/25/2016	1.34	0.1521 (J)	0.1797 (J)	0.1002 (J)	0.0265 (J)	0.0757 (J)
7/22/2016			0.22			
7/25/2016		0.21				
7/26/2016				0.12 (J)	0.1 (J)	0.11 (J)
7/27/2016	1.5					
9/15/2016			0.18 (J)	0.1 (J)	<0.1	
9/16/2016	1.3					
9/19/2016		0.15 (J)				
9/20/2016						<0.1
11/16/2016		0.14 (J)	0.16 (J)			
11/17/2016	0.76			0.092 (J)	<0.1	<0.1
1/31/2017		<0.1	0.19 (J)	0.11 (J)		
2/1/2017	1.3				<0.1	0.086 (J)
3/23/2017		0.097 (J)	0.17 (J)	0.088 (J)	<0.1	<0.1
3/24/2017	1.3					
5/2/2017		0.11 (J)				
5/3/2017	1.1		0.19 (J)	0.098 (J)	<0.1	<0.1
10/4/2017	1.2	0.16 (J)	0.2		<0.1	<0.1
10/5/2017				0.1 (J)		
1/24/2018		0.11 (J)	0.16 (J)			
1/25/2018	0.75			0.1 (J)	<0.1	<0.1
6/20/2018		0.13 (J)		0.11 (J)	<0.1	0.093 (J)
6/21/2018	0.76					
6/26/2018			0.18 (J)			
9/27/2018	0.59	0.12 (J)				
9/28/2018			0.2			
10/1/2018					0.083 (J)	0.1 (J)
10/2/2018				0.13 (J)		
1/22/2019				0.1 (J)	0.057 (J)	0.071 (J)
1/24/2019		0.076 (J)				
1/25/2019			0.21			
1/31/2019	0.78					
6/25/2019				0.084 (J)	0.054 (J)	0.068 (J)
6/26/2019	0.68	0.096 (J)	0.16 (J)			
9/11/2019			0.17			
9/12/2019				0.065 (J)	<0.1	
9/16/2019		0.12 (J)				
9/17/2019	0.29					0.071 (J)
3/12/2020				0.044 (J)		
3/16/2020		0.051 (J)				0.07 (J)
3/17/2020	0.74				0.046 (J)	
3/18/2020			0.058 (J)			
9/10/2020	0.81	0.14	0.16	0.1	0.038 (J)	0.08 (J)
3/16/2021			0.14			
3/17/2021		0.08 (J)		0.1	0.036 (J)	
3/18/2021	1.1					0.073 (J)

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	0.0391 (J)	0.0422 (J)	0.0362 (J)	0.0369 (J)	0.04 (J)	0.0137 (J)
5/25/2016	0.034 (J)	0.045 (J)				
5/26/2016			0.038 (J)	0.031 (J)	0.041 (J)	0.014 (J)
7/25/2016			<0.1	<0.1	<0.1	
7/26/2016						<0.1
7/27/2016	<0.1	<0.1				
9/16/2016	<0.1					
9/19/2016		<0.1	<0.1	<0.1		
9/20/2016					<0.1	<0.1
11/17/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2/1/2017	<0.1	<0.1	<0.1			
2/2/2017				<0.1	<0.1	<0.1
3/24/2017	<0.1	<0.1	<0.1	<0.1		
3/28/2017					<0.1	<0.1
5/3/2017	<0.1	<0.1	<0.1	<0.1		
5/4/2017					<0.1	<0.1
10/4/2017		<0.1				
10/5/2017	<0.1		<0.1	<0.1		
10/6/2017					<0.1	<0.1
1/25/2018	<0.1	<0.1	<0.1	<0.1		
1/26/2018					<0.1	<0.1
6/20/2018	<0.1					<0.1
6/21/2018			<0.1	<0.1	<0.1	
6/26/2018		<0.1				
9/27/2018				<0.1	<0.1	<0.1
9/28/2018			<0.1			
10/1/2018	<0.1					
10/2/2018		<0.1				
1/24/2019		<0.1				<0.1
1/25/2019	0.027 (J)					
1/28/2019			<0.1	<0.1	<0.1	
6/25/2019	0.052 (J)	0.051 (J)			0.049 (J)	0.032 (J)
6/26/2019				0.046 (J)		
6/27/2019			0.046 (J)			
9/11/2019	0.038 (J)	0.043 (J)	0.036 (J)		0.039 (J)	<0.1
9/12/2019				0.031 (J)		
3/17/2020	<0.1	<0.1	<0.1			
3/18/2020				0.068 (J)	0.048 (J)	0.034 (J)
9/11/2020	0.04 (J)					
9/14/2020		0.056 (J)	0.033 (J)			
9/15/2020				<0.1	0.033 (J)	<0.1
3/16/2021		0.034 (J)	0.029 (J)		0.031 (J)	<0.1
3/17/2021	0.031 (J)			<0.1		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						0.4759
3/24/2016					0.0318 (J)	
3/28/2016				0.0542 (J)		
3/29/2016		0.0308 (J)				
3/30/2016			0.0255 (J)			
3/31/2016	0.0429 (J)					
5/24/2016						0.198 (J)
5/25/2016		0.0285 (J)	0.0182 (J)		0.0282 (J)	
5/26/2016	0.048 (J)			0.034 (J)		
7/26/2016	<0.1				<0.1	1.2
7/27/2016		<0.1	<0.1	<0.1		
9/16/2016			<0.1			
9/19/2016				<0.1	<0.1	0.64
9/20/2016	<0.1	<0.1				
11/11/2016						1.2
11/14/2016					<0.1	
11/15/2016				<0.1		
11/17/2016	<0.1					
11/18/2016		<0.1	<0.1			
1/19/2017					<0.1	
1/20/2017						0.83
1/24/2017				<0.1		
2/3/2017	<0.1	<0.1	<0.1			
3/16/2017					<0.1	0.32
3/23/2017				<0.1		
3/28/2017	<0.1	<0.1				
3/29/2017			<0.1			
4/28/2017						0.83
5/1/2017					<0.1	
5/2/2017				<0.1		
5/3/2017	<0.1					
5/4/2017		<0.1	<0.1			
10/3/2017						0.18 (J)
10/4/2017					<0.1	
10/5/2017	<0.1	<0.1	<0.1	<0.1		
1/19/2018						0.6
1/22/2018					<0.1	
1/25/2018	<0.1	<0.1	<0.1	<0.1		
6/20/2018	<0.1	<0.1				
6/27/2018			<0.1	<0.1	<0.1	0.73
9/26/2018				<0.1		
9/27/2018					<0.1	0.91
9/28/2018			<0.1			
10/1/2018	<0.1	<0.1				
1/24/2019	<0.1			<0.1	<0.1	0.039 (J)
1/25/2019		<0.1				
1/31/2019			<0.1			
6/25/2019	0.052 (J)			0.033 (J)	0.047 (J)	
6/26/2019		0.042 (J)	0.04 (J)			0.85
9/10/2019	<0.1					
9/11/2019			<0.1	0.039 (J)		
9/12/2019		0.033 (J)			<0.1	0.18

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			<0.1	0.032 (J)		0.044 (J)
3/13/2020					0.026 (J)	
3/18/2020	0.056 (J)	0.034 (J)				
9/9/2020						0.8
9/10/2020	0.043 (J)	0.029 (J)				
9/14/2020				0.031 (J)		
9/15/2020			<0.1		<0.1	
3/15/2021	0.045 (J)					
3/17/2021				0.03 (J)	<0.1	
3/18/2021		<0.1	<0.1			0.72

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	0.0999 (J)		2.1209	2.8158		
3/24/2016					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			2.71			
5/25/2016		1.65				
7/21/2016	0.11 (J)				0.19 (J)	<0.1
7/22/2016			3.5			
9/15/2016					0.16 (J)	<0.1
9/16/2016			3.5			
9/20/2016	0.092 (J)					
11/14/2016	<0.1					
11/15/2016			3.2		0.14 (J)	<0.1
11/17/2016				4.1		
1/24/2017	0.094 (J)					
1/25/2017		1.4		5.6	0.16 (J)	
1/26/2017			3.9			<0.1
3/17/2017	0.084 (J)					
3/22/2017					0.14 (J)	<0.1
3/23/2017				3.1		
3/24/2017			3.2			
5/1/2017	0.092 (J)			4.2	0.16 (J)	
5/2/2017			3.5			<0.1
7/19/2017		1.6		3.4		
8/4/2017				4		
8/24/2017				4.2		
10/3/2017					0.17 (J)	<0.1
10/4/2017	0.091 (J)					
10/5/2017				3.9		
10/6/2017		1.6	3.5			
1/23/2018		1.5	3.1	3.4	0.13 (J)	<0.1
1/24/2018	<0.1					
6/19/2018						<0.1
6/20/2018					0.18 (J)	
6/21/2018	<0.1					
6/26/2018			2.6	2.1		
6/27/2018		1.6				
10/1/2018						<0.1
10/2/2018			2.4	2.1	0.18 (J)	
10/3/2018	0.13 (J)	1.7				
1/21/2019						0.031 (J)
1/28/2019					0.19 (J)	
1/30/2019	0.1 (J)		2.3	2.3		
1/31/2019		1.3				
6/26/2019		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			2.8	2.4		0.038 (J)
3/11/2020	0.066 (J)				0.18 (J)	0.035 (J)
3/12/2020				2.1		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		1.2				
3/18/2020			2.8			
9/10/2020	0.081 (J)					
9/11/2020		1.5			0.15	0.034 (J)
9/15/2020			2.2			
9/16/2020				1.4		
3/16/2021		1.3			0.13	0.03 (J)
3/17/2021			2.3			
3/18/2021	0.072 (J)			2.1		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	0.1116 (J)	0.0752 (J)			
3/29/2016			0.2179 (J)	0.0698 (J)	0.0671 (J)
5/23/2016	0.1022 (J)				
5/24/2016		0.081 (J)	0.216 (J)	0.072 (J)	0.06 (J)
7/21/2016	0.11 (J)	0.088 (J)			
7/22/2016			0.23		
7/25/2016					0.096 (J)
7/26/2016				0.092 (J)	
9/15/2016	0.084 (J)	0.084 (J)	0.22		
9/19/2016				<0.1	<0.1
11/15/2016	<0.1				
11/16/2016		<0.1	0.22	<0.1	<0.1
1/26/2017	<0.1	<0.1	0.23	<0.1	
1/31/2017					<0.1
3/22/2017	<0.1	<0.1	0.2		
3/23/2017				<0.1	0.12 (J)
5/2/2017	0.1 (J)	<0.1	0.21		<0.1
5/3/2017				<0.1	
10/3/2017	0.089 (J)	<0.1	0.23		<0.1
10/5/2017				0.085 (J)	
1/23/2018	0.085 (J)	<0.1	0.17 (J)		
1/24/2018				<0.1	<0.1
6/21/2018				<0.1	<0.1
6/25/2018	0.097 (J)	<0.1	0.25		
9/25/2018		<0.1			
9/26/2018				<0.1	0.082 (J)
10/2/2018			0.25		
10/3/2018	0.13 (J)				
1/21/2019			0.22		
1/22/2019				0.062 (J)	0.065 (J)
1/30/2019	0.11 (J)	0.078 (J)			
6/25/2019			0.21	0.055 (J)	0.066 (J)
6/26/2019	0.081 (J)	0.059 (J)			
9/10/2019			0.28	0.1 (J)	
9/12/2019	0.078 (J)	0.076 (J)			
9/16/2019					0.062 (J)
3/12/2020			0.16	0.043 (J)	
3/16/2020	0.076 (J)	0.073 (J)			0.08 (J)
9/9/2020	0.096 (J)				
9/11/2020		0.079 (J)			0.082 (J)
9/14/2020			0.19	0.062 (J)	
3/16/2021			0.21	0.044 (J)	0.043 (J)
3/17/2021	0.094 (J)	0.073 (J)			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<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		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		<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			
9/16/2016		<0.001				
11/9/2016			<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.001				<0.001
11/11/2016	<0.001					
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
3/16/2017	<0.001		<0.001			<0.001
3/17/2017		<0.001				
4/27/2017			<0.001	<0.001		<0.001
4/28/2017	<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					
10/3/2017					<0.001	
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	<0.001		<0.001
6/20/2018					<0.001	
1/17/2019	<0.001	<0.001				<0.001
1/18/2019				<0.001	0.00011 (J)	
1/21/2019			<0.001			
6/24/2019	<0.001	<0.001				<0.001
6/25/2019			<0.001	0.00029 (J)	<0.001	
9/9/2019	<0.001					
9/10/2019		0.00014 (J)	<0.001	0.00028 (J)		<0.001
9/11/2019					0.00017 (J)	
3/10/2020	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
9/9/2020	<0.001		0.00024 (J)	0.00013 (J)	0.00014 (J)	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.00013 (J)	<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					<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			
1/27/2016				<0.001	<0.001	<0.001
3/29/2016		<0.001	<0.001	<0.001		
3/30/2016	<0.001				<0.001	<0.001
5/25/2016	<0.001	<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	<0.001	<0.001
7/27/2016	0.0013					
9/15/2016			<0.001	<0.001	<0.001	
9/16/2016	<0.001					
9/19/2016		<0.001				
9/20/2016						<0.001
11/16/2016		<0.001	<0.001			
11/17/2016	<0.001			<0.001	<0.001	<0.001
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	<0.001				<0.001	<0.001
3/23/2017		<0.001	<0.001	<0.001	<0.001	<0.001
3/24/2017	<0.001					
5/2/2017		<0.001				
5/3/2017	<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	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	<0.001			<0.001	<0.001	<0.001
6/20/2018		<0.001		<0.001	<0.001	<0.001
6/21/2018	<0.001					

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.001			
1/22/2019				<0.001	<0.001	<0.001
1/24/2019		<0.001				
1/25/2019			<0.001			
1/31/2019	0.00013 (J)					
6/25/2019				<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001	<0.001			
9/11/2019			<0.001			
9/12/2019				<0.001	<0.001	
9/16/2019		<0.001				
9/17/2019	0.00014 (J)					<0.001
3/12/2020				<0.001		
3/16/2020		0.00037 (J)				0.00014 (J)
3/17/2020	0.00015 (J)				<0.001	
3/18/2020			0.0002 (J)			
9/10/2020	0.0022	0.00023 (J)	<0.001	<0.001	<0.001	<0.001
12/2/2020	<0.001					
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	<0.001	
3/18/2021	0.00013 (J)					<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		0.0026 (JO)	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<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	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	0.0009 (J)	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	0.0013		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	0.011 (O)	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			0.00016 (J)	0.00011 (J)	0.00014 (J)	
6/25/2019	<0.001	<0.001			<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00017 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00014 (J)	0.00019 (J)
3/17/2021	<0.001			0.00017 (J)		

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	<0.001
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	<0.001
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.001					
11/18/2016		<0.001	<0.001			
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				<0.001		
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	<0.001
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						<0.001
5/1/2017					<0.001	
5/2/2017				0.0021 (O)		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	<0.001			0.00021 (J)	9.8E-05 (J)	9.8E-05 (J)
1/25/2019		<0.001				
1/31/2019			0.00013 (J)			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	0.00016 (J)			<0.001
9/10/2019	<0.001					
9/11/2019			0.00015 (J)	0.00024 (J)		
9/12/2019		<0.001			<0.001	0.00016 (J)
3/12/2020			0.00013 (J)	0.00018 (J)		<0.001
3/13/2020					0.00013 (J)	
3/18/2020	0.00067 (J)	0.00022 (J)				
9/9/2020						0.00023 (J)
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.00025 (J)					
3/17/2021				0.00013 (J)	<0.001	
3/18/2021		0.00029 (J)	0.00022 (J)			<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.0012 (J)	<0.001	<0.001	<0.001	<0.001
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	<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				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	<0.001		
7/27/2016		0.00078 (J)				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	<0.001		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				<0.001		
1/24/2017	<0.001					
1/25/2017		0.00042 (J)		<0.001	<0.001	
1/26/2017			<0.001			<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.001					
3/22/2017					<0.001	<0.001
3/23/2017		<0.001		<0.001		
3/24/2017			<0.001			
5/1/2017	<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
8/4/2017	<0.001	0.00037 (J)		<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				
1/21/2019						<0.001
1/28/2019					0.00022 (J)	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		0.00015 (J)				
6/26/2019		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	0.00031 (J)		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				0.00015 (J)		
3/17/2020		0.00051 (J)				
3/18/2020			<0.001			
9/10/2020	0.00016 (J)					
9/11/2020		0.00026 (J)			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		0.00046 (J)			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	<0.001			
1/26/2016			<0.001	<0.001	<0.001
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			<0.001		
7/25/2016					<0.001
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	<0.001
11/15/2016	<0.001				
11/16/2016		<0.001	<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					<0.001
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	<0.001
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				<0.001	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				0.00036 (J)	<0.001
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.00014 (J)	<0.001			
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	<0.001			
9/16/2019					<0.001
3/12/2020			<0.001	0.00028 (J)	
3/16/2020	<0.001	<0.001			0.00025 (J)
9/9/2020	<0.001				
9/11/2020		<0.001			<0.001
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0002	<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
10/28/2011			<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			
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					
7/23/2012		<0.0002				<0.0002
1/23/2013		<0.0002				<0.0002
1/24/2013	<0.0002		<0.0002	<0.0002		
7/17/2013	<0.0002					<0.0002
7/23/2013			<0.0002			
7/24/2013		<0.0002		<0.0002		
1/15/2014						<0.0002
1/21/2014	<0.0002					
1/22/2014		<0.0002	<0.0002	<0.0002		
6/25/2014	<0.0002				<0.0002	<0.0002
7/1/2014		<0.0002	<0.0002			
7/8/2014				<0.0002 (D)		
1/14/2015	<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		
1/19/2016				<0.0002 (D)		
1/20/2016		<0.0002				<0.0002
1/21/2016	<0.0002					
1/22/2016			<0.0002			
3/22/2016			<0.0002	<0.0002		
3/23/2016	<0.0002	<0.0002				<0.0002
3/31/2016					<0.0002	
5/19/2016				<0.0002		<0.0002
5/20/2016	<0.0002					
5/23/2016			<0.0002			
5/24/2016		<0.0002				
5/25/2016					<0.0002	
7/21/2016	9.7E-05 (J)			<0.0002		8.7E-05 (J)
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			
9/16/2016		<0.0002				
11/9/2016			<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0002	<0.0002	<0.0002	<0.0002	
9/16/2011						<0.0002
10/27/2011					<0.0002	<0.0002
10/28/2011		<0.0002	<0.0002	<0.0002		
12/3/2011					<0.0002	<0.0002
12/4/2011		<0.0002	<0.0002	<0.0002		
1/24/2012			<0.0002	<0.0002	<0.0002	
2/9/2012		<0.0002				<0.0002
7/11/2012			<0.0002	<0.0002	<0.0002	<0.0002
7/18/2012		<0.0002				
1/8/2013		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/2/2013						<0.0002
7/9/2013		<0.0002				
7/10/2013			<0.0002	<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
6/25/2014		<0.0002				
7/1/2014			<0.0002	<0.0002	<0.0002	
1/14/2015					<0.0002	<0.0002
1/21/2015		<0.0002	<0.0002	<0.0002		
7/22/2015					3.99E-05 (J)	<0.0002
7/28/2015		<0.0002	<0.0002	<0.0002		
1/25/2016	<0.0002					
1/26/2016		<0.0002	<0.0002			
1/27/2016				<0.0002	<0.0002	<0.0002
3/29/2016		<0.0002	<0.0002	<0.0002		
3/30/2016	<0.0002				<0.0002	<0.0002
5/25/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/22/2016			<0.0002			
7/25/2016		9.6E-05 (J)				
7/26/2016				0.00012 (J)	0.00012 (J)	0.00012 (J)
7/27/2016	9.4E-05 (J)					
9/15/2016			<0.0002	<0.0002	<0.0002	
9/16/2016	<0.0002					
9/19/2016		<0.0002				
9/20/2016						<0.0002
11/16/2016		<0.0002	<0.0002			
11/17/2016	<0.0002			<0.0002	8.7E-05 (J)	<0.0002
1/31/2017		7.1E-05 (J)	0.00013 (J)	9.6E-05 (J)		
2/1/2017	0.00011 (J)				9.2E-05 (J)	0.00013 (J)
3/23/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/24/2017	<0.0002					
5/2/2017		<0.0002				
5/3/2017	<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	
8/8/2017	<0.0002					
1/24/2018		<0.0002	<0.0002			
1/25/2018	<0.0002			<0.0002	<0.0002	<0.0002
6/20/2018		<0.0002		<0.0002	8.5E-05 (J)	<0.0002
6/21/2018	<0.0002					

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0002			
1/22/2019				<0.0002	<0.0002	<0.0002
1/24/2019		<0.0002				
1/25/2019			<0.0002			
1/31/2019	<0.0002					
6/25/2019				<0.0002	<0.0002	<0.0002
6/26/2019	<0.0002	<0.0002	<0.0002			
9/11/2019			<0.0002			
9/12/2019				<0.0002	<0.0002	
9/16/2019		<0.0002				
9/17/2019	<0.0002					<0.0002
3/12/2020				<0.0002		
3/16/2020		<0.0002				<0.0002
3/17/2020	<0.0002				<0.0002	
3/18/2020			<0.0002			
9/10/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/16/2021			<0.0002			
3/17/2021		<0.0002		<0.0002	<0.0002	
3/18/2021	<0.0002					<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0002	<0.0002	<0.0002	<0.0002		
8/31/2011					<0.0002	<0.0002
10/26/2011	<0.0002	<0.0002	<0.0002	<0.0002		
10/27/2011					<0.0002	<0.0002
12/3/2011	<0.0002	<0.0002	<0.0002	<0.0002		
12/4/2011					<0.0002	<0.0002
1/25/2012	<0.0002	<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	<0.0002	
7/17/2012						<0.0002
1/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
1/9/2013						<0.0002
7/2/2013	<0.0002					
7/16/2013		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
1/14/2014	<0.0002	<0.0002	<0.0002			
1/21/2014				<0.0002	<0.0002	<0.0002
6/24/2014			<0.0002	<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002	<0.0002				
1/13/2015	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
1/14/2015		<0.0002				
7/22/2015	<0.0002					
7/23/2015			<0.0002	<0.0002	<0.0002	<0.0002
7/28/2015		<0.0002				
1/26/2016						<0.0002
1/27/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/30/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/25/2016	<0.0002	<0.0002				
5/26/2016			<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)
7/27/2016	8.9E-05 (J)	9.7E-05 (J)				
9/16/2016	<0.0002					
9/19/2016		<0.0002	<0.0002	<0.0002		
9/20/2016					<0.0002	7.2E-05 (J)
11/17/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	8.4E-05 (J)
2/1/2017	0.00015 (J)	0.0002	9.8E-05 (J)			
2/2/2017				0.00011 (J)	8.6E-05 (J)	0.00011 (J)
3/24/2017	<0.0002	<0.0002	<0.0002	<0.0002		
3/28/2017					<0.0002	<0.0002
5/3/2017	<0.0002	<0.0002	<0.0002	<0.0002		
5/4/2017					<0.0002	<0.0002
8/7/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
1/25/2018	<0.0002	<0.0002	<0.0002	<0.0002		
1/26/2018					<0.0002	<0.0002
6/20/2018	<0.0002					<0.0002
6/21/2018			<0.0002	<0.0002	<0.0002	
6/26/2018		<0.0002				
1/24/2019		<0.0002				<0.0002
1/25/2019	<0.0002					
1/28/2019			<0.0002	<0.0002	<0.0002	
6/25/2019	<0.0002	<0.0002			<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0002		
6/27/2019			<0.0002			
9/11/2019	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019				<0.0002		
3/17/2020	<0.0002	<0.0002	<0.0002			
3/18/2020				<0.0002	<0.0002	<0.0002
9/11/2020	<0.0002					
9/14/2020		<0.0002	<0.0002			
9/15/2020				<0.0002	<0.0002	<0.0002
3/16/2021		<0.0002	<0.0002		<0.0002	<0.0002
3/17/2021	<0.0002			<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0002					
9/16/2011		<0.0002				
9/17/2011				<0.0002	<0.0002	<0.0002
10/29/2011	<0.0002	<0.0002			<0.0002	<0.0002
10/31/2011				<0.0002		
12/13/2011	<0.0002	<0.0002				
12/14/2011				<0.0002	<0.0002	<0.0002
1/25/2012	<0.0002					<0.0002
1/31/2012		<0.0002				
2/7/2012				<0.0002	<0.0002	
7/17/2012				<0.0002	<0.0002	<0.0002
7/18/2012	<0.0002	<0.0002				
1/22/2013	<0.0002	<0.0002				
1/24/2013					<0.0002	<0.0002
7/16/2013	<0.0002					
7/23/2013		<0.0002				
7/24/2013				<0.0002	<0.0002	<0.0002
1/21/2014	<0.0002					
1/22/2014		<0.0002				
1/23/2014				<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002					
7/1/2014		<0.0002				
7/8/2014			<0.0002	<0.0002	<0.0002	<0.0002
1/14/2015	<0.0002					
1/21/2015				<0.0002	<0.0002	<0.0002
1/22/2015		<0.0002				
7/23/2015	<0.0002					
7/29/2015		<0.0002				
7/30/2015				<0.0002		<0.0002
7/31/2015			<0.0002		<0.0002	
1/20/2016			<0.0002			
1/21/2016		<0.0002		<0.0002		
1/22/2016						<0.0002
1/25/2016					<0.0002	
1/26/2016	<0.0002					
3/23/2016						<0.0002
3/24/2016					<0.0002	
3/28/2016				<0.0002		
3/29/2016		<0.0002				
3/30/2016			<0.0002			
3/31/2016	<0.0002					
5/24/2016						<0.0002
5/25/2016		<0.0002	<0.0002	<0.0002	<0.0002	
5/26/2016	<0.0002					
7/26/2016	0.00012 (J)				0.00012 (J)	0.00012 (J)
7/27/2016		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
9/20/2016	0.00013 (J)	<0.0002				
11/11/2016						<0.0002
11/14/2016					<0.0002	
11/15/2016				<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0002					
11/18/2016		<0.0002	<0.0002			
1/19/2017					<0.0002	
1/20/2017						<0.0002
1/24/2017				<0.0002		
2/3/2017	<0.0002	<0.0002	<0.0002			
3/16/2017					0.00014 (J)	0.00015 (J)
3/23/2017				<0.0002		
3/28/2017	<0.0002	<0.0002				
3/29/2017			<0.0002			
4/28/2017						<0.0002
5/1/2017					<0.0002	
5/2/2017				<0.0002		
5/3/2017	<0.0002					
5/4/2017		<0.0002	<0.0002			
8/3/2017				<0.0002	<0.0002	<0.0002
8/8/2017	<0.0002	<0.0002	<0.0002			
1/19/2018						<0.0002
1/22/2018					<0.0002	
1/25/2018	<0.0002	<0.0002	<0.0002	<0.0002		
6/20/2018	<0.0002	<0.0002				
6/27/2018			<0.0002	<0.0002	<0.0002	<0.0002
1/24/2019	<0.0002			<0.0002	<0.0002	<0.0002
1/25/2019		<0.0002				
1/31/2019			<0.0002			
6/25/2019	<0.0002			<0.0002	<0.0002	
6/26/2019		<0.0002	<0.0002			<0.0002
9/10/2019	<0.0002					
9/11/2019			<0.0002	<0.0002		
9/12/2019		<0.0002			<0.0002	<0.0002
3/12/2020			<0.0002	<0.0002		<0.0002
3/13/2020					<0.0002	
3/18/2020	<0.0002	<0.0002				
9/9/2020						<0.0002
9/10/2020	<0.0002	<0.0002				
9/14/2020				<0.0002		
9/15/2020			<0.0002		<0.0002	
3/15/2021	<0.0002					
3/17/2021				<0.0002	<0.0002	
3/18/2021		<0.0002	<0.0002			<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0002	<0.0002	<0.0002	<0.0002
2/7/2012		<0.0002				
2/8/2012	<0.0002					
7/16/2012					<0.0002	<0.0002
7/17/2012			<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					
7/2/2013						<0.0002
7/17/2013				<0.0002	<0.0002	
7/24/2013	<0.0002		<0.0002			
1/21/2014						<0.0002
1/23/2014	<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			
1/14/2015					<0.0002	<0.0002
1/20/2015	<0.0002		<0.0002	<0.0002		
1/21/2015		<0.0002				
7/28/2015						<0.0002
7/29/2015				<0.0002	<0.0002	
7/30/2015	<0.0002		<0.0002			
1/19/2016	<0.0002					
1/21/2016					<0.0002	<0.0002
1/25/2016		<0.0002	<0.0002	<0.0002		
3/23/2016	<0.0002		<0.0002	<0.0002		
3/24/2016					<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		
5/25/2016		<0.0002				
7/21/2016	8.6E-05 (J)				8.4E-05 (J)	<0.0002
7/22/2016			<0.0002	<0.0002		
7/27/2016		0.0001 (J)				
9/15/2016					<0.0002	<0.0002
9/16/2016			<0.0002	<0.0002		
9/20/2016	<0.0002					
11/14/2016	<0.0002					
11/15/2016			<0.0002		<0.0002	9.6E-05 (J)
11/17/2016				<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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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			
5/1/2017	<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
8/4/2017	<0.0002	<0.0002		<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				
1/21/2019						<0.0002
1/28/2019					<0.0002	
1/30/2019	<0.0002		<0.0002	<0.0002		
1/31/2019		<0.0002				
6/26/2019		<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
3/11/2020	<0.0002				<0.0002	<0.0002
3/12/2020				<0.0002		
3/17/2020		<0.0002				
3/18/2020			<0.0002			
9/10/2020	<0.0002					
9/11/2020		<0.0002			<0.0002	<0.0002
9/15/2020			<0.0002			
9/16/2020				<0.0002		
3/16/2021		<0.0002			<0.0002	<0.0002
3/17/2021			<0.0002			
3/18/2021	<0.0002			<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0002	<0.0002			
9/7/2011			<0.0002	<0.0002	<0.0002
10/27/2011	<0.0002				
10/30/2011		<0.0002	<0.0002	<0.0002	<0.0002
12/4/2011					<0.0002
12/5/2011	<0.0002	<0.0002	<0.0002	<0.0002	
1/19/2012				<0.0002	<0.0002
1/25/2012	<0.0002	<0.0002	<0.0002		
7/18/2012	<0.0002		<0.0002	<0.0002	<0.0002
7/24/2012		<0.0002			
1/7/2013			<0.0002	<0.0002	
1/8/2013		<0.0002			<0.0002
1/9/2013	<0.0002				
7/9/2013		<0.0002	<0.0002	<0.0002	<0.0002
7/17/2013	<0.0002				
1/14/2014			<0.0002	0.000153 (J)	<0.0002
1/15/2014	<0.0002	<0.0002			
6/24/2014			<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002	<0.0002			
1/13/2015	<0.0002				
1/20/2015		<0.0002	<0.0002	<0.0002	<0.0002
7/24/2015	<0.0002	<0.0002			
7/27/2015			<0.0002	<0.0002	<0.0002
1/20/2016	<0.0002	<0.0002			
1/26/2016			<0.0002	<0.0002	<0.0002
3/28/2016	<0.0002	<0.0002			
3/29/2016			<0.0002	<0.0002	<0.0002
5/23/2016	<0.0002				
5/24/2016		<0.0002	<0.0002	<0.0002	<0.0002
7/21/2016	7.6E-05 (J)	9.1E-05 (J)			
7/22/2016			<0.0002		
7/25/2016					0.00012 (J)
7/26/2016				0.00012 (J)	
9/15/2016	<0.0002	<0.0002	<0.0002		
9/19/2016				<0.0002	<0.0002
11/15/2016	<0.0002				
11/16/2016		<0.0002	<0.0002	<0.0002	<0.0002
1/26/2017	<0.0002	<0.0002	8.8E-05 (J)	<0.0002	
1/31/2017					8.6E-05 (J)
3/22/2017	<0.0002	7.3E-05 (J)	<0.0002		
3/23/2017				7.2E-05 (J)	<0.0002
5/2/2017	<0.0002	<0.0002	<0.0002		<0.0002
5/3/2017				<0.0002	
8/3/2017	<0.0002	<0.0002			
8/4/2017			<0.0002		
8/7/2017				<0.0002	<0.0002
1/23/2018	<0.0002	<0.0002	<0.0002		
1/24/2018				<0.0002	<0.0002
6/21/2018				<0.0002	<0.0002
6/25/2018	<0.0002	<0.0002	<0.0002		
1/21/2019			<0.0002		
1/22/2019				<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0002	<0.0002			
6/25/2019			<0.0002	<0.0002	<0.0002
6/26/2019	<0.0002	<0.0002			
9/10/2019			<0.0002	0.0004	
9/12/2019	<0.0002	<0.0002			
9/16/2019					<0.0002
1/13/2020				<0.0002	
3/12/2020			<0.0002	<0.0002	
3/16/2020	<0.0002	<0.0002			<0.0002
9/9/2020	<0.0002				
9/11/2020		<0.0002			<0.0002
9/14/2020			<0.0002	<0.0002	
3/16/2021			<0.0002	<0.0002	<0.0002
3/17/2021	<0.0002	<0.0002			

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<0.001
9/16/2011	<0.001		<0.001			
9/17/2011		<0.001		0.0053		
10/27/2011	<0.001	<0.001				<0.001
10/28/2011			<0.001	0.0042		
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			0.0043		
2/1/2012						<0.001
2/7/2012		0.0028				
7/16/2012			<0.001			
7/17/2012				<0.001		
7/18/2012	<0.001					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	0.0052		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		0.0052		
1/15/2014						<0.001
1/21/2014	<0.001					
1/22/2014		0.0013 (J)	0.00092 (J)	0.0031		
6/25/2014	<0.001				0.0044	<0.001
7/1/2014		0.0014 (J)	<0.001			
7/8/2014				0.0036 (D)		
1/14/2015	<0.001					0.0073 (O)
1/21/2015			<0.001	0.0026		
1/22/2015		0.0017 (J)				
7/21/2015	<0.001		<0.001		0.0056	<0.001
7/22/2015		0.0013 (J)		0.0028		
1/19/2016				0.0021 (JD)		
1/20/2016		<0.001				0.002 (J)
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	0.0022 (J)		0.007
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	0.0018 (J)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	0.0024 (J)		0.0022 (J)
6/20/2018					<0.001	
1/17/2019	0.00094 (J)	0.0011				0.0017
1/18/2019				0.0022	0.00087 (J)	
1/21/2019			0.0004 (J)			
6/24/2019	0.00095 (J)	0.0013				0.0022
6/25/2019			0.00088 (J)	0.0028	0.0021	
9/9/2019	0.00099 (J)					
9/10/2019		0.0014	0.00047 (J)	0.0024		0.0017

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0022	
3/10/2020	0.00067 (J)	0.0012	0.00069 (J)	0.0012	0.0019	0.0019
9/9/2020	0.00071 (J)		0.0004 (J)	0.0016	0.0015	0.0012
9/10/2020		0.0011				
3/15/2021	0.00059 (J)	0.00076 (J)	<0.001	0.0019	0.0022	0.0027

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.0025	
9/16/2011						<0.001
10/27/2011					<0.0025	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.0025	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.0025	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.005	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.0025	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<0.001	<0.001	<0.0025	
1/15/2014		<0.001				
1/21/2014			<0.001	<0.001	0.0041	<0.001
6/24/2014						<0.001
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	0.0017 (J)	
1/14/2015					0.0064	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					0.0089	<0.001
7/28/2015		<0.001	<0.001	<0.001		
1/25/2016	0.0017 (J)					
1/26/2016		<0.001	<0.001			
1/27/2016				<0.001	0.014	<0.001
4/20/2016					0.013	
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	0.0043				0.013	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		<0.001	<0.001		0.018	
8/8/2017	0.0022 (J)					
1/24/2018		<0.001	<0.001			
1/25/2018	0.0046			<0.001	0.013	<0.001
6/20/2018		<0.001		<0.001	0.015	<0.001
6/21/2018	0.0046					
6/26/2018			<0.001			
1/22/2019				0.00033 (J)	0.014	<0.001
1/24/2019		0.00035 (J)				
1/25/2019			<0.001			
1/31/2019	0.0018					
6/25/2019				0.00068 (J)	0.016	0.00031 (J)
6/26/2019	0.0014	<0.001	<0.001			
9/11/2019			0.00088 (J)			
9/12/2019				0.00055 (J)	0.016	
9/16/2019		<0.001				
9/17/2019	0.0013					<0.001
3/12/2020				<0.001		
3/16/2020		0.0004 (J)				<0.001
3/17/2020	0.0013				0.017	
3/18/2020			<0.001			
9/10/2020	0.0045	0.0011	0.00039 (J)	0.00037 (J)	0.015	0.00037 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		<0.001		0.00066 (J)	0.018	
3/18/2021	0.00097 (J)					<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				0.00051 (J)
1/25/2019	<0.001					
1/28/2019			<0.001	0.0009 (J)	<0.001	
6/25/2019	0.00067 (J)	0.00092 (J)			0.00048 (J)	0.00085 (J)
6/26/2019				0.00051 (J)		
6/27/2019			<0.001			
9/11/2019	0.00077 (J)	0.00092 (J)	0.00066 (J)		0.001	0.00066 (J)
9/12/2019				0.00044 (J)		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				0.0011	<0.001	0.0004 (J)
9/11/2020	<0.001					
9/14/2020		0.00041 (J)	0.0015			
9/15/2020				0.0005 (J)	<0.001	0.00076 (J)
3/16/2021		<0.001	<0.001		<0.001	0.00097 (J)
3/17/2021	<0.001			0.001		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				0.014	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				0.019	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				0.0036	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			0.0022 (J)	0.011	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				0.0033	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				0.0054		<0.001
7/31/2015			0.0018 (J)		<0.001	
1/20/2016			0.0027			
1/21/2016		<0.001		0.0054		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.012		
2/3/2017	<0.001	<0.001	0.0025			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	0.0036			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	0.0022 (J)	0.0071		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	0.0072	<0.001	<0.001
1/24/2019	<0.001			0.0027	0.00087 (J)	0.00035 (J)
1/25/2019		0.00044 (J)				
1/31/2019			0.0018			
6/25/2019	0.00031 (J)			0.0021	0.0031	
6/26/2019		<0.001	0.0016			<0.001
9/10/2019	<0.001					

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0018	0.024		
9/12/2019		0.00044 (J)			0.00081 (J)	0.00044 (J)
3/12/2020			0.0025	0.0054		<0.001
3/13/2020					0.00097 (J)	
3/18/2020	0.00042 (J)	0.00079 (J)				
9/9/2020						0.00052 (J)
9/10/2020	<0.001	0.00058 (J)				
9/14/2020				0.015		
9/15/2020			0.0022		0.00072 (J)	
3/15/2021	<0.001					
3/17/2021				0.0053	0.0014	
3/18/2021		0.00052 (J)	0.0017			<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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	0.0037
9/17/2011		0.0041				
10/28/2011	<0.001					
10/30/2011				<0.001		
10/31/2011		0.003	<0.001		<0.001	0.0047
12/12/2011					<0.001	0.0048
12/13/2011	<0.001		<0.001	<0.001		
2/1/2012			<0.001	<0.001	<0.001	0.0027
2/7/2012		0.0029				
2/8/2012	<0.001					
7/16/2012					<0.001	0.0035
7/17/2012			<0.001	<0.001		
7/18/2012	<0.001					
1/22/2013					<0.001	0.003
1/23/2013		0.0027	<0.001	<0.001		
1/24/2013	<0.001					
7/2/2013						0.0027
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						0.002 (J)
1/23/2014	<0.001	0.0016 (J)	0.00094 (J)	0.00078 (J)	0.00062 (J)	
6/25/2014					<0.001	0.0026
7/1/2014	<0.001	0.0021 (J)	<0.001			
1/14/2015					<0.001	0.0021 (J)
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						0.0016 (J)
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	0.0017 (J)
1/25/2016		<0.001	<0.001	<0.001		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001
8/3/2017			0.0018 (J)		0.012 (O)	<0.001
8/4/2017	<0.001	0.0029		<0.001		
1/23/2018		0.012	<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		0.0065				
1/21/2019						0.0011
1/28/2019					0.00047 (J)	
1/30/2019	<0.001		0.00064 (J)	0.00054 (J)		
1/31/2019		0.0011				
6/26/2019		0.00034 (J)		0.00068 (J)	0.00047 (J)	0.0013
6/27/2019	<0.001		0.00059 (J)			
9/10/2019	<0.001					

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.01			0.0014	
9/12/2019			0.0013	0.00078 (J)		0.0012
3/11/2020	<0.001				0.0005 (J)	0.001
3/12/2020				0.0012		
3/17/2020		0.0029				
3/18/2020			0.0011			
9/10/2020	<0.001					
9/11/2020		0.0019			0.00053 (J)	0.00095 (J)
9/15/2020			0.00095 (J)			
9/16/2020				0.0012		
3/16/2021		0.0014			0.00059 (J)	0.0011
3/17/2021			0.00082 (J)			
3/18/2021	<0.001			<0.001		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	0.0072			
9/7/2011			<0.001	<0.001	0.029 (O)
10/27/2011	<0.001				
10/30/2011		0.0055	<0.001	<0.001	<0.001
12/4/2011					0.0072
12/5/2011	<0.001	0.0026	<0.001	<0.001	
1/19/2012				<0.001	0.0053
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	0.0043		0.013	<0.001	0.012
7/24/2012		0.003			
1/7/2013			0.019	0.0025	
1/8/2013		0.0036			0.014
1/9/2013	0.0082				
7/9/2013		0.0038	0.018	0.0027	0.015
7/17/2013	0.0076				
1/14/2014			0.017	0.0039	0.015
1/15/2014	0.0083	0.0049			
6/24/2014			0.016	0.0014 (J)	0.0091
6/25/2014	0.0079	0.0037			
1/13/2015	0.0072				
1/20/2015		0.0035	0.015	0.0026	0.014
7/24/2015	0.0083	0.0048			
7/27/2015			0.013	<0.001	0.011
1/20/2016	0.007	0.0044			
1/26/2016			0.012	0.002 (J)	0.0096
1/26/2017	0.0066	0.005	0.011	0.0034	
1/31/2017					0.055 (O)
8/3/2017	0.0088	0.0051			
8/4/2017			0.011		
8/7/2017				0.011	0.0093
1/23/2018	0.0074	0.0054	0.0071		
1/24/2018				0.0023 (J)	0.01
6/21/2018				0.0031	0.0083
6/25/2018	0.0053	0.0056	0.011		
1/21/2019			0.0077		
1/22/2019				0.0025	0.008
1/30/2019	0.0032	0.0057			
6/25/2019			0.01	0.0053	0.01
6/26/2019	0.0051	0.0052			
9/10/2019			0.0089	0.0026	
9/12/2019	0.0085	0.0099			
9/16/2019					0.0091
3/12/2020			0.0074	0.0019	
3/16/2020	0.0049	0.0043			0.0091
9/9/2020	0.0051				
9/11/2020		0.0063			0.016
9/14/2020			0.0094	0.0041	
3/16/2021			0.0067	0.0026	0.012
3/17/2021	0.0035	0.006			

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
1/19/2016				5.92		
1/20/2016		5.47				
1/21/2016	5.03					
1/22/2016			6.27			
3/22/2016			6.72	5.92		
3/23/2016	5.56	5.85				
5/19/2016				5.95		6.45
5/20/2016	5.62					
5/23/2016			6.29			
5/24/2016		5.86				
5/25/2016					6.48	
7/21/2016	5.500376			6.049508		6.449699
7/25/2016			6.178217			
7/26/2016		5.808275				
7/27/2016					6.43219	
9/14/2016						6.396439
9/15/2016	5.31	7.195292 (O)		6.444541		
9/16/2016			6.545359			
11/9/2016			6			
11/10/2016		5.63				6.19
11/11/2016	5.4					
1/17/2017			6.09			6.18
1/19/2017	5.73	5.63				
3/15/2017				5.86		
3/16/2017	5.25		5.98			6.1
3/17/2017		5.68				
4/27/2017			5.96	5.85		
4/28/2017	5.35	5.77				6.51
8/1/2017			6.01 (D)	5.86 (D)	6.35 (D)	
8/2/2017		5.67 (D)				6.23 (D)
8/3/2017	5.32 (D)					
1/19/2018	5.39 (D)	5.68 (D)	6.15 (D)	5.83 (D)		
1/22/2018						6.3 (D)
6/19/2018	5.27	5.84	5.96	5.77		6.2
6/20/2018					6.28	
9/25/2018	5.27	5.52	5.94	5.92		6.21
1/17/2019	5.43	5.81			6.06	6.29
1/18/2019				5.86		
1/21/2019			5.92			
6/24/2019	5.3	5.75			5.68	6.12
6/25/2019			6.03	5.96	5.58	
9/9/2019	5.37					
9/10/2019		5.63	5.79	5.94		6.18
9/11/2019					5.49	
3/10/2020	5.42	5.72	6.05	5.75	5.53	6.24
9/9/2020	5.62		5.9	5.63	5.39	6.19
9/10/2020		5.41				
3/15/2021	5.55	5.44	6.09	5.51	5.28	6

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
1/25/2016	6.27					
1/26/2016		6.11	7.37			
1/27/2016				6.52	5.88	6.67
3/29/2016		6.59	7.53	7.49		
3/30/2016					6.01	6.7
5/25/2016	6.44	6.31	7.44	6.76	5.52	6.52
7/25/2016		6.287783				
7/26/2016				6.859244	6.066915	6.719922
7/27/2016	6.364588					
9/15/2016			6.283325	7.565879	5.220961	
9/16/2016	6.202937					
9/19/2016		6.027665				
9/20/2016						6.519229
11/16/2016		6.04	6.99			
11/17/2016	5.95			6.63	5.05	6.54
1/31/2017	6.47	5.94	7.065 (D)			
2/1/2017					5.5	6.56
3/23/2017		6.06	7.41	6.85	5.41	
5/2/2017	6.69	5.95				
5/3/2017			7.32	6.57	5.71	6.5
8/4/2017				6.77 (D)		6.55 (D)
8/7/2017		6.11 (D)	7.25 (D)		5.03 (D)	
8/8/2017	6.67 (D)					
1/24/2018	6.47 (D)	6.17 (D)	7.02 (D)			
1/25/2018				6.63 (D)	5.64 (D)	6.45 (D)
6/20/2018		5.92		6.66	5.05	7.24
6/21/2018	5.76					
6/26/2018			7.43			
9/27/2018	5.5	5.97				
9/28/2018			7.3			
10/1/2018					5.59	6.5
10/2/2018				6.91		
1/22/2019				6.61	5.72	6.48
1/24/2019		6.25				
1/25/2019			7.49			
1/31/2019	5.75					
6/25/2019				6.54	5.49	6.43
6/26/2019	5.78	5.97	7.28			
9/11/2019			7.47			
9/12/2019				6.73	4.92	
9/16/2019		6.07				
9/17/2019	5.55					6.54
3/12/2020				6.68		
3/16/2020		5.92				6.58
3/17/2020	5.96				5.63	
3/18/2020			7.55			
9/10/2020	5.31	5.82	7.15	6.69	5	6.31
12/2/2020	5.72					
3/16/2021			7.62			
3/17/2021		6.23		7.19	5.31	
3/18/2021	6.13					6.92

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
1/26/2016						5.39
1/27/2016	6.03	6.27		6.14	6.08	
3/30/2016		6.22	6.03	6.1	6.27	5.88
5/25/2016	6.22	6.24				
5/26/2016			6.03	5.99	6.23	5.55
7/25/2016			6.066342	6.063209	6.3145	
7/26/2016						5.64011
7/27/2016	6.30178	6.321385				
9/16/2016	7.5561 (O)					
9/19/2016		7.948709 (O)	6.040669	6.276656		
9/20/2016					7.120962	6.575025
11/17/2016	5.9	6.11		5.97		5.56
2/1/2017	6.14	6.18	5.98			
2/2/2017					6.17	
3/24/2017	5.99	6.34	5.85	5.82		
3/28/2017						5.36
5/3/2017	6.06	6.09	5.92	5.89		
5/4/2017					6.38	5.55
8/7/2017	6.12 (D)	6.16 (D)	5.98 (D)	5.93 (D)	6.19 (D)	5.61 (D)
1/25/2018	6.1 (D)	6.2 (D)	6.03 (D)	5.89 (D)		
1/26/2018					6.16 (D)	5.65 (D)
6/20/2018	6.08					5.48
6/21/2018			5.87	5.78	6.65	
6/26/2018		6.1				
9/27/2018				5.82	6.29	5.38
9/28/2018			5.77			
10/1/2018	6.12					
10/2/2018		6.16				
1/24/2019		6.31				6.01
1/25/2019	6.05					
1/28/2019			6.03	5.96	6.31	
6/25/2019	6.08	6.12			6.15	5.35
6/26/2019				5.78		
6/27/2019			5.78			
9/11/2019	6.22	6.39	6.02		6.27	5.71
9/12/2019				5.92		
3/17/2020	6.35	6.09	5.88			
3/18/2020				5.71	6.16	5.45
9/11/2020	5.85					
9/14/2020		6.37	5.77			
9/15/2020				5.72	6.28	5.3
3/16/2021		6.22	6.03		6.33	5.47
3/17/2021	6.16			5.95		

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
1/20/2016			5.41	5.98		
1/21/2016		6.24				
1/22/2016						5.35
1/26/2016	6.46					
3/23/2016						5.57
3/24/2016					5.64	
3/28/2016				5.1		
3/29/2016		4.87				
3/31/2016	6.53					
5/24/2016					5.78	5.58
5/25/2016		6.11	6.46	5.7		
5/26/2016	6.69					
7/26/2016	6.620398				6.038068	5.614371
7/27/2016			6.119047	5.966094		
9/16/2016			6.310241			
9/19/2016				6.070052		5.506855
9/20/2016	6.696588	7.295281			5.701864	
11/11/2016						5.88
11/14/2016					5.64	
11/15/2016				6.35		
11/17/2016	6.52					
11/18/2016		6.32	5.62			
1/19/2017					5.7	
1/20/2017				6.54		5.71
1/23/2017				6.59		
2/3/2017		5.91				
2/6/2017			5.36			
3/16/2017					5.58	5.37
3/23/2017				7.25		
3/24/2017				6.56		
3/28/2017	6.87	5.86	5.87			
4/28/2017						5.89
5/1/2017					5.78	
5/3/2017	6.59		7.5			
5/4/2017		6.2				
8/3/2017				6.33 (D)	5.61 (D)	5.65 (D)
8/8/2017	6.59 (D)	6.07 (D)				
1/19/2018						5.53 (D)
1/22/2018					6 (D)	
1/24/2018				6.12 (D)		
1/25/2018	6.49 (D)	6.06 (D)	5.74 (D)			
6/20/2018	6.42	5.84				
6/27/2018			5.51	6.28	5.59	5.58
9/26/2018				6.4		
9/27/2018					5.68	5.7
9/28/2018			5.28			
10/1/2018	6.7	5.96				
1/24/2019	6.69			6	5.78	5.39
1/25/2019		5.97				
1/31/2019			5.28			
6/25/2019	6.59			5.66	5.63	
6/26/2019		5.86	5.59			5.72

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/10/2019	6.44					
9/11/2019			5.21	5.99		
9/12/2019		5.93			5.63	5.36
1/14/2020				6.18		
3/12/2020			5.33	6.4		5.36
3/13/2020					5.52	
3/18/2020	6.85	6.06				
9/9/2020						5.63
9/10/2020	6.86	5.8				
9/14/2020				5.47		
9/15/2020			4.97		5.63	
3/15/2021	6.78					
3/17/2021				5.97	5.61	
3/18/2021		6.02	5.16			5.39

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/19/2016	5.9					
1/21/2016					5.51	5.19
1/25/2016		5.98	6.13	6.23		
3/23/2016	6.78		6.22	6.7		
3/24/2016					6.66	6.32
5/20/2016	6.05					
5/23/2016			5.99		5.92	
5/24/2016				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		
7/27/2016		6.327805				
9/15/2016					5.982305	5.629095
9/16/2016			6.260319	6.411956		
9/20/2016	6.075727					
11/14/2016	5.93					
11/15/2016			6.22		6.03	5.66
11/16/2016				6.15		
1/24/2017	6.03 (D)	5.93				
1/25/2017			6.17	6.09	5.92	
1/26/2017						5.61
2/6/2017		6.04				
3/17/2017	5.94					
3/22/2017				6.18	5.66	5.42
3/28/2017		6.06				
5/1/2017	6	6.24	6.18	6.45	5.88	
5/2/2017						5.72
8/3/2017		5.98 (D)	6.32 (D)	6.52 (D)	5.98 (D)	5.65 (D)
8/4/2017	6.01 (D)					
1/22/2018		5.99 (D)	6.19 (D)	6.22 (D)		
1/23/2018					6.11 (D)	5.64 (D)
1/24/2018	6.29 (D)					
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		5.99				
10/1/2018						5.55
10/2/2018			6.06	6.47	5.86	
10/3/2018	6.38	6.2				
1/21/2019						5.53
1/28/2019					6.08	
1/30/2019	6.08		6.12	6.41		
1/31/2019		6.03				
6/26/2019		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			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				6.37		

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		6.15				
3/18/2020			6.13			
9/10/2020	6.59					
9/11/2020		6.01			5.68	5.4
9/15/2020			5.88			
9/16/2020				5.71		
3/16/2021		5.89			5.78	5.44
3/17/2021			6.14			
3/18/2021	5.77			6.41		

Time Series

Constituent: pH, Field (S.U.) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/20/2016	6.15	5.97	6.23		
1/26/2016				5.99	
3/28/2016	7.05	6.5			
3/29/2016			6.42	6.45	5.86
5/23/2016	6.47				
5/24/2016		6	6.38	6.17	5.81
7/21/2016	6.424029	6.08222			
7/22/2016			6.438562		
7/25/2016					5.876175
7/26/2016				6.291124	
9/15/2016	7.042684	6.383623	6.347438		
9/19/2016				6.550086	6.323668
11/15/2016	6.29				
11/16/2016		5.99	6.35	5.96	
1/26/2017	6.29	6.12	6.45	6.14	
1/31/2017					5.75
3/23/2017				5.95	5.97
5/2/2017	6.98	5.86	6.32	6.11	6.11
8/3/2017	6.18 (D)	5.92 (D)			
8/4/2017			6.35 (D)		
8/7/2017				6.02 (D)	5.78 (D)
1/23/2018	6.44 (D)	6.08 (D)	6.55 (D)		
1/24/2018				5.91 (D)	5.98 (D)
6/21/2018				5.9	5.68
6/25/2018	6.42	5.86	6.26		
9/25/2018		5.87			
9/26/2018				5.9	5.71
10/2/2018			6.31		
10/3/2018	6.33				
1/21/2019			6.33		
1/22/2019				5.95	5.8
1/30/2019	6.94	5.99			
6/25/2019			6.23	5.85	5.71
6/26/2019	6.42	5.82			
9/10/2019			6.3	5.9	
9/12/2019	6.34	6			
9/16/2019					5.69
1/13/2020				5.89	
3/12/2020			6.45	5.86	
3/16/2020	6.35	5.86			5.8
9/9/2020	6.4				
9/11/2020		5.71			5.4
9/14/2020			6.14	5.64	
3/16/2021			6.5	5.99	5.78
3/17/2021	6.22	6.1			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.005	<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
10/28/2011			<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			
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					
7/23/2012		<0.005				<0.005
1/23/2013		<0.005				<0.005
1/24/2013	<0.005		<0.005	<0.005		
7/17/2013	<0.005					<0.005
7/23/2013			<0.005			
7/24/2013		<0.005		<0.005		
1/15/2014						<0.005
1/21/2014	<0.005					
1/22/2014		<0.005	<0.005	<0.005		
6/25/2014	<0.005				<0.005	<0.005
7/1/2014		<0.005	<0.005			
7/8/2014				<0.005 (D)		
1/14/2015	<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		
1/19/2016				<0.005 (D)		
1/20/2016		<0.005				<0.005
1/21/2016	<0.005					
1/22/2016			<0.005			
3/22/2016			<0.005	<0.005		
3/23/2016	<0.005	<0.005				<0.005
3/31/2016					<0.005	
5/19/2016				<0.005		<0.005
5/20/2016	<0.005					
5/23/2016			<0.005			
5/24/2016		<0.005				
5/25/2016					<0.005	
7/21/2016	<0.005			0.00045 (J)		<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			
9/16/2016		<0.005				
11/9/2016			<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.005	<0.005	<0.005	<0.005	
9/16/2011						<0.005
10/27/2011					<0.005	<0.005
10/28/2011		<0.005	<0.005	<0.005		
12/3/2011					<0.005	<0.005
12/4/2011		<0.005	<0.005	<0.005		
1/24/2012			<0.005	<0.005	<0.005	
2/9/2012		<0.005				<0.005
7/11/2012			<0.005	<0.005	<0.005	<0.005
7/18/2012		<0.005				
1/8/2013		<0.005	<0.005	<0.005	<0.005	<0.005
7/2/2013						<0.005
7/9/2013		<0.005				
7/10/2013			<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
6/25/2014		<0.005				
7/1/2014			<0.005	<0.005	<0.005	
1/14/2015					<0.005	<0.005
1/21/2015		<0.005	<0.005	<0.005		
7/22/2015					<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			
1/27/2016				<0.005	0.0071	<0.005
3/29/2016		<0.005	<0.005	<0.005		
3/30/2016	<0.005				0.00273 (J)	<0.005
4/20/2016					<0.005	
5/25/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/22/2016			<0.005			
7/25/2016		0.00041 (J)				
7/26/2016				<0.005	<0.005	<0.005
7/27/2016	<0.005					
9/15/2016			<0.005	<0.005	<0.005	
9/16/2016	<0.005					
9/19/2016		0.00084 (J)				
9/20/2016						<0.005
11/16/2016		<0.005	<0.005			
11/17/2016	<0.005			<0.005	0.00047 (J)	<0.005
1/31/2017		0.00033 (J)	<0.005	<0.005		
2/1/2017	<0.005				<0.005	<0.005
3/23/2017		<0.005	<0.005	0.0021	<0.005	<0.005
3/24/2017	<0.005					
5/2/2017		<0.005				
5/3/2017	<0.005		<0.005	<0.005	<0.005	<0.005
8/4/2017				<0.005		<0.005
8/7/2017		<0.005	0.00032 (J)		0.00088 (J)	
8/8/2017	<0.005					
1/24/2018		<0.005	<0.005			
1/25/2018	<0.005			<0.005	0.00025 (J)	<0.005
6/20/2018		0.00026 (J)		<0.005	0.0017	0.00027 (J)

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	<0.005					
6/26/2018			<0.005			
1/22/2019				<0.005	<0.005	<0.005
1/24/2019		<0.005				
1/25/2019			<0.005			
1/31/2019	<0.005					
6/25/2019				<0.005	<0.005	<0.005
6/26/2019	<0.005	<0.005	<0.005			
9/11/2019			<0.005			
9/12/2019				<0.005	0.0032 (J)	
9/16/2019		<0.005				
9/17/2019	<0.005					<0.005
3/12/2020				<0.005		
3/16/2020		<0.005				<0.005
3/17/2020	<0.005				0.0023 (J)	
3/18/2020			<0.005			
9/10/2020	<0.005	<0.005	<0.005	<0.005	0.0022 (J)	<0.005
3/16/2021			<0.005			
3/17/2021		<0.005		<0.005	0.0025 (J)	
3/18/2021	<0.005					<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.005	<0.005	<0.005	<0.005		
8/31/2011					<0.005	<0.005
10/26/2011	<0.005	<0.005	<0.005	<0.005		
10/27/2011					<0.005	<0.005
12/3/2011	<0.005	<0.005	<0.005	<0.005		
12/4/2011					<0.005	<0.005
1/25/2012	<0.005	<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	<0.005	
7/17/2012						<0.005
1/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005	
1/9/2013						<0.005
7/2/2013	<0.005					
7/16/2013		<0.005	<0.005	<0.005	<0.005	<0.005
1/14/2014	<0.005	<0.005	<0.005			
1/21/2014				<0.005	<0.005	<0.005
6/24/2014			<0.005	<0.005	<0.005	<0.005
6/25/2014	<0.005	<0.005				
1/13/2015	<0.005		<0.005	<0.005	<0.005	<0.005
1/14/2015		<0.005				
7/22/2015	<0.005					
7/23/2015			<0.005	<0.005	<0.005	<0.005
7/28/2015		<0.005				
1/26/2016						<0.005
1/27/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
3/30/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/25/2016	<0.005	<0.005				
5/26/2016			<0.005	<0.005	<0.005	<0.005
7/25/2016			0.00073 (J)	<0.005	<0.005	
7/26/2016						<0.005
7/27/2016	0.00029 (J)	<0.005				
9/16/2016	<0.005					
9/19/2016		<0.005	<0.005	<0.005		
9/20/2016					<0.005	<0.005
11/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017	<0.005	<0.005	<0.005			
2/2/2017				<0.005	<0.005	<0.005
3/24/2017	<0.005	<0.005	<0.005	<0.005		
3/28/2017					<0.005	<0.005
5/3/2017	<0.005	<0.005	<0.005	<0.005		
5/4/2017					<0.005	<0.005
8/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1/25/2018	<0.005	<0.005	<0.005	<0.005		
1/26/2018					<0.005	<0.005
6/20/2018	<0.005					0.00046 (J)
6/21/2018			<0.005	<0.005	<0.005	
6/26/2018		<0.005				
1/24/2019		<0.005				<0.005
1/25/2019	<0.005					
1/28/2019			<0.005	<0.005	<0.005	
6/25/2019	<0.005	<0.005			<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.005		
6/27/2019			<0.005			
9/11/2019	<0.005	<0.005	<0.005		<0.005	<0.005
9/12/2019				<0.005		
3/17/2020	<0.005	<0.005	<0.005			
3/18/2020				<0.005	<0.005	<0.005
9/11/2020	<0.005					
9/14/2020		<0.005	<0.005			
9/15/2020				<0.005	<0.005	<0.005
3/16/2021		<0.005	<0.005		<0.005	<0.005
3/17/2021	<0.005			<0.005		

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.005					
9/16/2011		<0.005				
9/17/2011				<0.005	<0.005	<0.005
10/29/2011	<0.005	<0.005			<0.005	<0.005
10/31/2011				<0.005		
12/13/2011	<0.005	<0.005				
12/14/2011				<0.005	<0.005	<0.005
1/25/2012	<0.005					<0.005
1/31/2012		<0.005				
2/7/2012				<0.005	<0.005	
7/17/2012				<0.005	<0.005	<0.005
7/18/2012	<0.005	<0.005				
1/22/2013	<0.005	<0.005				
1/24/2013					<0.005	<0.005
7/16/2013	<0.005					
7/23/2013		<0.005				
7/24/2013				<0.005	<0.005	<0.005
1/21/2014	<0.005					
1/22/2014		<0.005				
1/23/2014				<0.005	<0.005	<0.005
6/25/2014	<0.005					
7/1/2014		<0.005				
7/8/2014			<0.005	<0.005	<0.005	<0.005
1/14/2015	<0.005					
1/21/2015				<0.005	<0.005	<0.005
1/22/2015		<0.005				
7/23/2015	<0.005					
7/29/2015		<0.005				
7/30/2015				<0.005		<0.005
7/31/2015			<0.005		<0.005	
1/20/2016			<0.005			
1/21/2016		<0.005		<0.005		
1/22/2016						<0.005
1/25/2016					<0.005	
1/26/2016	<0.005					
3/23/2016						<0.005
3/24/2016					<0.005	
3/28/2016				<0.005		
3/29/2016		<0.005				
3/30/2016			<0.005			
3/31/2016	<0.005					
5/24/2016						<0.005
5/25/2016		<0.005	<0.005	<0.005	<0.005	
5/26/2016	<0.005					
7/26/2016	<0.005				<0.005	<0.005
7/27/2016		<0.005	<0.005	0.00033 (J)		
9/16/2016			<0.005			
9/19/2016				<0.005	<0.005	<0.005
9/20/2016	<0.005	<0.005				
11/11/2016						<0.005
11/14/2016					<0.005	
11/15/2016				<0.005		

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.005					
11/18/2016		<0.005	<0.005			
1/19/2017					<0.005	
1/20/2017						0.00045 (J)
1/24/2017				<0.005		
2/3/2017	<0.005	<0.005	<0.005			
3/16/2017					<0.005	<0.005
3/23/2017				<0.005		
3/28/2017	<0.005	<0.005				
3/29/2017			<0.005			
4/28/2017						<0.005
5/1/2017					0.0018	
5/2/2017				<0.005		
5/3/2017	<0.005					
5/4/2017		<0.005	<0.005			
8/3/2017				<0.005	<0.005	<0.005
8/8/2017	<0.005	<0.005	<0.005			
1/19/2018						<0.005
1/22/2018					0.0003 (J)	
1/25/2018	<0.005	<0.005	<0.005	<0.005		
6/20/2018	0.0003 (J)	<0.005				
6/27/2018			<0.005	<0.005	<0.005	<0.005
1/24/2019	<0.005			<0.005	<0.005	<0.005
1/25/2019		<0.005				
1/31/2019			<0.005			
6/25/2019	<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			<0.005	<0.005
3/12/2020			<0.005	<0.005		<0.005
3/13/2020					<0.005	
3/18/2020	<0.005	<0.005				
9/9/2020						<0.005
9/10/2020	<0.005	<0.005				
9/14/2020				<0.005		
9/15/2020			<0.005		<0.005	
3/15/2021	<0.005					
3/17/2021				<0.005	<0.005	
3/18/2021		<0.005	<0.005			<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.005	<0.005	<0.005	<0.005
2/7/2012		<0.005				
2/8/2012	<0.005					
7/16/2012					<0.005	<0.005
7/17/2012			<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					
7/2/2013						<0.005
7/17/2013				<0.005	<0.005	
7/24/2013	<0.005		<0.005			
1/21/2014						<0.005
1/23/2014	<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			
1/14/2015					<0.005	<0.005
1/20/2015	<0.005		<0.005	<0.005		
1/21/2015		<0.005				
7/28/2015						<0.005
7/29/2015				<0.005	<0.005	
7/30/2015	<0.005		<0.005			
1/19/2016	<0.005					
1/21/2016					<0.005	<0.005
1/25/2016		<0.005	<0.005	<0.005		
3/23/2016	<0.005		<0.005	<0.005		
3/24/2016					<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		
5/25/2016		<0.005				
7/21/2016	0.0003 (J)				<0.005	<0.005
7/22/2016			0.00025 (J)	0.00074 (J)		
7/27/2016		0.00095 (J)				
9/15/2016					<0.005	<0.005
9/16/2016			<0.005	<0.005		
9/20/2016	<0.005					
11/14/2016	<0.005					
11/15/2016			<0.005		<0.005	<0.005
11/17/2016				<0.005		
1/24/2017	<0.005					
1/25/2017		0.00035 (J)		<0.005	<0.005	
1/26/2017			<0.005			<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.005					
3/22/2017					<0.005	<0.005
3/23/2017		<0.005		<0.005		
3/24/2017			<0.005			
5/1/2017	<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
8/4/2017	<0.005 (*)	<0.005 (*)		<0.005 (*)		
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		0.00044 (J)				
1/21/2019						<0.005
1/28/2019					<0.005	
1/30/2019	<0.005		<0.005	<0.005		
1/31/2019		<0.005				
6/26/2019		<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
3/11/2020	<0.005				<0.005	<0.005
3/12/2020				<0.005		
3/17/2020		<0.005				
3/18/2020			<0.005			
9/10/2020	<0.005					
9/11/2020		<0.005			<0.005	<0.005
9/15/2020			<0.005			
9/16/2020				<0.005		
3/16/2021		<0.005			<0.005	<0.005
3/17/2021			<0.005			
3/18/2021	<0.005			<0.005		

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.005	<0.005			
9/7/2011			<0.005	<0.005	0.015 (O)
10/27/2011	<0.005				
10/30/2011		<0.005	<0.005	<0.005	<0.005
12/4/2011					<0.005
12/5/2011	<0.005	<0.005	<0.005	<0.005	
1/19/2012				<0.005	<0.005
1/25/2012	<0.005	<0.005	<0.005		
7/18/2012	<0.005		<0.005	<0.005	<0.005
7/24/2012		<0.005			
1/7/2013			<0.005	<0.005	
1/8/2013		<0.005			<0.005
1/9/2013	<0.005				
7/9/2013		<0.005	<0.005	<0.005	<0.005
7/17/2013	<0.005				
1/14/2014			<0.005	<0.005	<0.005
1/15/2014	<0.005	<0.005			
6/24/2014			<0.005	<0.005	<0.005
6/25/2014	<0.005	<0.005			
1/13/2015	<0.005				
1/20/2015		<0.005	<0.005	<0.005	<0.005
7/24/2015	<0.005	<0.005			
7/27/2015			<0.005	<0.005	<0.005
1/20/2016	<0.005	<0.005			
1/26/2016			<0.005	<0.005	<0.005
3/28/2016	<0.005	<0.005			
3/29/2016			<0.005	<0.005	<0.005
5/23/2016	<0.005				
5/24/2016		<0.005	<0.005	<0.005	<0.005
7/21/2016	0.00025 (J)	<0.005			
7/22/2016			<0.005		
7/25/2016					<0.005
7/26/2016				<0.005	
9/15/2016	<0.005	<0.005	<0.005		
9/19/2016				<0.005	<0.005
11/15/2016	<0.005				
11/16/2016		0.00031 (J)	<0.005	<0.005	<0.005
1/26/2017	<0.005	<0.005	<0.005	<0.005	
1/31/2017					0.00053 (J)
3/22/2017	<0.005	<0.005	<0.005		
3/23/2017				<0.005	<0.005
5/2/2017	<0.005	<0.005	<0.005		<0.005
5/3/2017				0.0018	
8/3/2017	<0.005	<0.005			
8/4/2017			<0.005 (*)		
8/7/2017				0.00068 (J)	0.0009 (J)
1/23/2018	<0.005	<0.005	<0.005		
1/24/2018				0.00025 (J)	0.00052 (J)
6/21/2018				0.00029 (J)	0.00063 (J)
6/25/2018	0.0008 (J)	0.0008 (J)	<0.005		
1/21/2019			<0.005		
1/22/2019				<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.005	<0.005			
6/25/2019			<0.005	<0.005	<0.005
6/26/2019	<0.005	<0.005			
9/10/2019			<0.005	<0.005	
9/12/2019	<0.005	<0.005			
9/16/2019					<0.005
3/12/2020			<0.005	<0.005	
3/16/2020	<0.005	<0.005			<0.005
9/9/2020	<0.005				
9/11/2020		<0.005			<0.005
9/14/2020			<0.005	<0.005	
3/16/2021			<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005			

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<0.001		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		0.003		
1/15/2014						<0.001
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	0.0011 (J)		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				0.0013 (JD)		
1/14/2015	<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)		
1/19/2016				0.0011 (JD)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	0.0015		<0.001
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	0.00098 (J)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	0.00081 (J)		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	0.0009 (J)		<0.001
6/20/2018					<0.001	
1/17/2019	<0.001	<0.001				<0.001
1/18/2019				0.00061 (J)	<0.001	
1/21/2019			<0.001			
6/24/2019	<0.001	<0.001				<0.001
6/25/2019			<0.001	0.0017	<0.001	
9/9/2019	<0.001					
9/10/2019		<0.001	<0.001	0.0015		<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					<0.001	
3/10/2020	<0.001	<0.001	<0.001	0.00099 (J)	<0.001	<0.001
9/9/2020	<0.001		<0.001	0.00094 (J)	<0.001	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.00085 (J)	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	<0.001	
3/18/2021	<0.001					<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		0.00047 (J)				0.00063 (J)
1/25/2019	0.00035 (J)					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	<0.001			<0.001	<0.001
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	<0.001
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		<0.001	<0.001
3/17/2021	<0.001			<0.001		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				<0.001		
2/3/2017	<0.001	<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	0.00038 (J)			0.00034 (J)	0.00019 (J)	0.00061 (J)
1/25/2019		0.00039 (J)				
1/31/2019			0.00069 (J)			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	<0.001			<0.001
9/10/2019	<0.001					

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			<0.001	<0.001		
9/12/2019		<0.001			<0.001	<0.001
3/12/2020			<0.001	<0.001		<0.001
3/13/2020					<0.001	
3/18/2020	<0.001	<0.001				
9/9/2020						<0.001
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	<0.001					
3/17/2021				<0.001	<0.001	
3/18/2021		<0.001	<0.001			<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.00034 (J)	<0.001	<0.001	<0.001	<0.001
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	0.0039 (O)	<0.001			
1/14/2015					<0.001	<0.001
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<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
8/4/2017	<0.001	0.0005 (J)		<0.001		
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		0.00016 (J)				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		0.00019 (J)	0.00035 (J)		
1/31/2019		0.00036 (J)				
6/26/2019		<0.001		<0.001	<0.001	<0.001
6/27/2019	<0.001		<0.001			
9/10/2019	<0.001					

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0078			<0.001	
9/12/2019			<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		
3/17/2020		0.00018 (J)				
3/18/2020			<0.001			
9/10/2020	<0.001					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		0.00024 (J)			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	0.00051 (J)			
1/26/2016			<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					<0.001
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				<0.001	<0.001
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001
1/30/2019	0.00016 (J)	0.0032			
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	<0.001			
9/16/2019					<0.001
3/12/2020			<0.001	<0.001	
3/16/2020	<0.001	<0.001			<0.001
9/9/2020	<0.001				
9/11/2020		<0.001			<0.001
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.1423	8.4662		
3/23/2016	<1	1.001				9.0208
3/31/2016					202.982	
5/19/2016				10		10
5/20/2016	<1					
5/23/2016			1.44			
5/24/2016		0.576 (J)				
5/25/2016					95.7	
7/21/2016	<1			13		10
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)			
9/16/2016		0.87 (J)				
11/9/2016			1.1			
11/10/2016		0.79 (J)				8.1
11/11/2016	<1					
1/17/2017			0.85 (J)	7.6		15
1/19/2017	<1	0.87 (J)				
3/16/2017	<1		1.2			9.1
3/17/2017		1.8				
4/27/2017			<1	8		9.6
4/28/2017	<1	1.7				
7/18/2017				6		
8/1/2017				7.7		
10/3/2017		1.9	1.4	7	150	9.8
10/4/2017	<1					
1/19/2018	<1	1.8	1.1	5.7		
1/22/2018						10
6/19/2018	<1	1	0.94 (J)	7		10
6/20/2018					100	
9/25/2018	<1	0.78 (J)	1.3	9.1		9.7
1/17/2019	0.5 (J)	2.5				9.4
1/18/2019				6.4	34	
1/21/2019			1.6			
6/24/2019	<1	0.91 (J)				10
6/25/2019			2.2	26	<1	
9/9/2019	<1					
9/10/2019		0.9 (J)	1.3	9.2		11
9/11/2019					43	
3/10/2020	1.7	2.5	3	6	16	12
9/9/2020	<1		1.4	6.5	29	9.4
9/10/2020		1				
3/15/2021	<1	1.5	0.95 (J)	6.8	36	7.7

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		<1	19.1889	2.8316		
3/30/2016	24.0688				7.2023	1.7296
5/25/2016	20.1	<1	19.8	2.62	10.5	1.52
7/22/2016			20			
7/25/2016		<1				
7/26/2016				2.7	38	1.2
7/27/2016	28					
9/15/2016			20	2.6	13	
9/16/2016	29					
9/19/2016		<1				
9/20/2016						0.85 (J)
11/16/2016		<1	19			
11/17/2016	40			2.2	18	0.83 (J)
1/31/2017		3.7 (o)	23	2.6		
2/1/2017	40				8.2	1.9
3/23/2017		1.5	23	2.6	10	1.6
3/24/2017	28					
5/2/2017		<1				
5/3/2017	38		22	2.6	10	1.3
10/4/2017	45	<1	22		22	1.4
10/5/2017				2.5		
1/24/2018		<1	22			
1/25/2018	33			2.5	9.9	1.4
6/20/2018		<1		2.5	18	2.1
6/21/2018	21					
6/26/2018			23			
9/27/2018	28	<1				
9/28/2018			24			
10/1/2018					11	1.4
10/2/2018				2.7		
1/22/2019				2.8	13	2
1/24/2019		0.77 (J)				
1/25/2019			25			
1/31/2019	20					
6/25/2019				3	13	2
6/26/2019	13	0.47 (J)	25			
9/11/2019			26			
9/12/2019				2.2	22	
9/16/2019		<1				
9/17/2019	12					1.4
3/12/2020				4.5		
3/16/2020		0.44 (J)				2.3
3/17/2020	16				12	
3/18/2020			25			
9/10/2020	17	<1	26	2.3	17	1.2
3/16/2021			29			
3/17/2021		<1		2.5	16	
3/18/2021	11					1.7

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	0.5433 (J)	0.8313 (J)	0.6239 (J)	2.3237	1.0356	0.3269 (J)
5/25/2016	0.4393 (J)	0.195 (J)				
5/26/2016			0.598 (J)	0.574 (J)	0.979 (J)	<1
7/25/2016			<1	<1	0.94 (J)	
7/26/2016						<1
7/27/2016	<1	0.7 (J)				
9/16/2016	<1					
9/19/2016		<1	<1	<1		
9/20/2016					0.83 (J)	<1
11/17/2016	<1	0.75 (J)	<1	<1	0.71 (J)	<1
2/1/2017	<1	<1	<1			
2/2/2017				8.6 (o)	0.82 (J)	<1
3/24/2017	<1	<1	<1	2.5		
3/28/2017					0.75 (J)	<1
5/3/2017	<1	<1	<1	0.88 (J)		
5/4/2017					1.1	<1
10/4/2017		<1				
10/5/2017	<1		<1	0.81 (J)		
10/6/2017					0.79 (J)	<1
1/25/2018	<1	<1	<1	0.77 (J)		
1/26/2018					<1	<1
6/20/2018	<1					<1
6/21/2018			<1	<1	1.3	
6/26/2018		<1				
9/27/2018				<1	1.2	<1
9/28/2018			<1			
10/1/2018	<1					
10/2/2018		<1				
1/24/2019		0.88 (J)				<1
1/25/2019	0.66 (J)					
1/28/2019			0.69 (J)	1.2	0.9 (J)	
6/25/2019	0.84 (J)	1.1			0.99 (J)	<1
6/26/2019				0.88 (J)		
6/27/2019			0.85 (J)			
9/11/2019	0.6 (J)	0.99 (J)	0.7 (J)		1.1	0.42 (J)
9/12/2019				0.39 (J)		
3/17/2020	0.84 (J)	1.2	1			
3/18/2020				1.1	0.72 (J)	<1
9/11/2020	0.4 (J)					
9/14/2020		0.92 (J)	0.7 (J)			
9/15/2020				0.53 (J)	0.83 (J)	<1
3/16/2021		<1	<1		<1	<1
3/17/2021	<1			<1		

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.3897
3/24/2016					0.4337 (J)	
3/28/2016				8.3151		
3/29/2016		0.5302 (J)				
3/30/2016			1.0189			
3/31/2016	0.3648 (J)					
5/24/2016						0.598 (J)
5/25/2016		0.3659 (J)	0.6811 (J)		0.3421 (J)	
5/26/2016	0.562 (J)			4.31		
7/26/2016	<1				<1	3
7/27/2016		<1	<1	6.1		
9/16/2016			<1			
9/19/2016				11	<1	1.6
9/20/2016	<1	<1				
11/11/2016						3
11/14/2016					<1	
11/15/2016				18		
11/17/2016	<1					
11/18/2016		<1	<1			
1/19/2017					<1	
1/20/2017						2.2
1/24/2017				26		
2/3/2017	<1	<1	<1			
3/16/2017					<1	0.95 (J)
3/23/2017				23		
3/28/2017	<1	<1				
3/29/2017			<1			
4/28/2017						2.1
5/1/2017					<1	
5/2/2017				27		
5/3/2017	<1					
5/4/2017		<1	<1			
10/3/2017						<1
10/4/2017					<1	
10/5/2017	<1	<1	<1	16		
1/19/2018						1.4
1/22/2018					<1	
1/25/2018	<1	<1	<1	15		
6/20/2018	<1	<1				
6/27/2018			<1	12	<1	1.7
9/26/2018				12		
9/27/2018					<1	2.5
9/28/2018			<1			
10/1/2018	<1	<1				
1/24/2019	0.81 (J)			1.4	0.57 (J)	0.39 (J)
1/25/2019		0.38 (J)				
1/31/2019			<1			
6/25/2019	0.76 (J)			1.6	0.78 (J)	
6/26/2019		0.64 (J)	0.71 (J)			3.2
9/10/2019	<1					
9/11/2019			0.59 (J)	5.7		
9/12/2019		0.54 (J)			<1	0.82 (J)

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			2.3	9.7		2
3/13/2020					1.8	
3/18/2020	0.65 (J)	<1				
9/9/2020						2.4
9/10/2020	0.54 (J)	<1				
9/14/2020				3.8		
9/15/2020			0.53 (J)		0.45 (J)	
3/15/2021	<1					
3/17/2021				7.2	<1	
3/18/2021		<1	<1			2.3

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	1.3729		12.8473	19.6956		
3/24/2016					1.8782	2.7482
3/30/2016		15.0114				
5/20/2016	1.31					
5/23/2016					1.44	2.76
5/24/2016			13.5			
5/25/2016		19.1				
7/21/2016	1.3				1.6	2.8
7/22/2016			12			
9/15/2016					1.6	2.4
9/16/2016			12			
9/20/2016	1.3					
11/14/2016	1.1					
11/15/2016			13		1.3	2.3
11/17/2016				22		
1/24/2017	1.3					
1/25/2017		13		50 (o)	1.5	
1/26/2017			9.2			2.7
3/17/2017	1.3					
3/22/2017					1.5	2.4
3/23/2017				28		
3/24/2017			9.2			
5/1/2017	1.2			25	1.4	
5/2/2017			9			2.5
7/19/2017		15		22		
8/4/2017				25		
8/24/2017				19		
10/3/2017					1.4	2.5
10/4/2017	1.2					
10/5/2017				18		
10/6/2017		19	8.8			
1/23/2018		15	9.4	14	1.2	2.4
1/24/2018	1					
6/19/2018						2.7
6/20/2018					1.7	
6/21/2018	1					
6/26/2018			12	9.2		
6/27/2018		14				
10/1/2018						2.8
10/2/2018			9.7	11	1.4	
10/3/2018	1.2	18				
1/21/2019						2.7
1/28/2019					1.6	
1/30/2019	1.2		11	14		
1/31/2019		10				
6/26/2019		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			9.7	12		2.3
3/11/2020	3.3				3.8	4.7
3/12/2020				11		

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		7.3				
3/18/2020			8.8			
9/10/2020	1					
9/11/2020		15			1.2	2
9/15/2020			9.9			
9/16/2020				7		
3/16/2021		11			1.3	2.2
3/17/2021			9.1			
3/18/2021	1.1			9.1		

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	19.9405	11.0351			
3/29/2016			22.385 (JO)	15.2958	14.6203
5/23/2016	21				
5/24/2016		12.8	85.8	18.5	14.7
7/21/2016	17	16			
7/22/2016			86		
7/25/2016					20
7/26/2016				19	
9/15/2016	16	15	84		
9/19/2016				31	22
11/15/2016	15				
11/16/2016		15	89	36	22
1/26/2017	13	16	85	49 (o)	
1/31/2017					44
3/22/2017	13	13	81		
3/23/2017				21	29
5/2/2017	25	10	76		18
5/3/2017				17	
10/3/2017	21	11	74		17
10/5/2017				16	
1/23/2018	26	10	57		
1/24/2018				10	14
6/21/2018				11	13
6/25/2018	30	11	62		
9/25/2018		14			
9/26/2018				20	17
10/2/2018			60		
10/3/2018	29				
1/21/2019			64		
1/22/2019				12	12
1/30/2019	31	9.7			
6/25/2019			59	14	11
6/26/2019	31	9.3			
9/10/2019			52	14	
9/12/2019	34	14			
9/16/2019					16
3/12/2020			52	18	
3/16/2020	29	30			11
9/9/2020	27				
9/11/2020		12			16
9/14/2020			45	15	
3/16/2021			45	17	9.2
3/17/2021	26	12			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001		
1/14/2015	<0.001					0.0001 (J)
7/21/2015	<0.001		<0.001		<0.001	0.0001 (J)
7/22/2015		<0.001		<0.001		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		<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			
9/16/2016		<0.001				
11/9/2016			<0.001			
11/10/2016		<0.001				<0.001
11/11/2016	<0.001					

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/8/2012						<0.001
2/9/2012		<0.001				
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	0.0001	
1/14/2015					0.0002 (J)	<0.001
7/22/2015					0.003 (JO)	<0.001
1/25/2016	<0.001					
1/26/2016		<0.001	<0.001			
1/27/2016				<0.001	0.000616 (J)	<0.001
3/29/2016		<0.001	<0.001	<0.001		
3/30/2016	<0.001				0.000411 (J)	<0.001
5/25/2016	<0.001	<0.001	<0.001	<0.001	0.000445 (J)	<0.001
7/22/2016			<0.001			
7/25/2016		<0.001				
7/26/2016				<0.001	0.0013	<0.001
7/27/2016	<0.001					
9/15/2016			<0.001	<0.001	0.00033 (J)	
9/16/2016	<0.001					
9/19/2016		<0.001				
9/20/2016						<0.001
11/16/2016		<0.001	<0.001			
11/17/2016	<0.001			<0.001	0.00041 (J)	<0.001
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	<0.001				0.00041 (J)	<0.001
3/23/2017		<0.001	<0.001	<0.001	0.0004 (J)	<0.001
3/24/2017	<0.001					
5/2/2017		<0.001				
5/3/2017	<0.001		<0.001	<0.001	0.00058	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		<0.001	<0.001		0.00046 (J)	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	<0.001			<0.001	0.00049 (J)	<0.001
6/20/2018		<0.001		<0.001	0.00038 (J)	<0.001
6/21/2018	<0.001					
6/26/2018			<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
1/22/2019				<0.001	0.00047 (J)	<0.001
1/24/2019		<0.001				
1/25/2019			<0.001			
1/31/2019	<0.001					
6/25/2019				<0.001	0.00046 (J)	<0.001
6/26/2019	<0.001	<0.001	<0.001			
9/11/2019			<0.001			
9/12/2019				<0.001	0.00047 (J)	
9/16/2019		<0.001				
9/17/2019	<0.001					<0.001
3/12/2020				<0.001		
3/16/2020		0.00067 (J)				0.00025 (J)
3/17/2020	<0.001				0.00055 (J)	
3/18/2020			0.00037 (J)			
9/10/2020	<0.001	<0.001	<0.001	0.00022 (J)	0.00053 (J)	0.00034 (J)
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	0.00043 (J)	
3/18/2021	<0.001					<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				0.0001 (J)	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<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	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	<0.001		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	<0.001			<0.001	<0.001
6/26/2019				<0.001		
6/27/2019			<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00026 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00035 (J)	0.00034 (J)
3/17/2021	<0.001			0.00033 (J)		

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	0.0001 (J)
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	0.0001
1/14/2015	<0.001					
7/23/2015	<0.001					
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						0.000193 (J)
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	0.00017 (J)
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	0.00016 (J)
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		
11/17/2016	<0.001					
11/18/2016		<0.001	<0.001			
1/19/2017					<0.001	
1/20/2017						0.00016 (J)
1/24/2017				<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	0.00017 (J)
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						0.00018 (J)
5/1/2017					<0.001	
5/2/2017				<0.001		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	0.00016 (J)
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						0.00016 (J)
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	0.00015 (J)
1/24/2019	<0.001			<0.001	<0.001	0.0002 (J)
1/25/2019		<0.001				
1/31/2019			<0.001			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	<0.001			0.00019 (J)
9/10/2019	<0.001					
9/11/2019			0.00023 (J)	0.00028 (J)		
9/12/2019		<0.001			<0.001	0.00021 (J)
3/12/2020			<0.001	<0.001		0.0002 (J)
3/13/2020					<0.001	
3/18/2020	0.00066 (J)	0.00024 (J)				
9/9/2020						0.00017 (J)
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.00052 (J)					
3/17/2021				0.00015 (J)	<0.001	
3/18/2021		0.00051 (J)	0.00025 (J)			0.00021 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	<0.001	<0.001	0.0002 (J)	<0.001	
6/25/2014					<0.001	0.0001
7/1/2014	<0.001	<0.001	<0.001			
1/14/2015					<0.001	<0.001
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	0.000227 (J)		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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	0.000242 (J)		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	0.00022 (J)		
7/27/2016		<0.001				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	0.00021 (J)		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				0.00017 (J)		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001
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			
5/1/2017	<0.001			0.00018 (J)	<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
5/2/2017		<0.001	<0.001			<0.001
7/19/2017		<0.001				
8/3/2017			<0.001		<0.001	<0.001
8/4/2017	<0.001	<0.001		0.00016 (J)		
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				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		<0.001				
6/26/2019		<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	<0.001		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				0.00035 (J)		
3/17/2020		0.00017 (J)				
3/18/2020			<0.001			
9/10/2020	0.00021 (J)					
9/11/2020		<0.001			<0.001	0.0004 (J)
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/23/2012		<0.001			
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
7/24/2015	<0.001	7E-05 (J)			
1/20/2016	<0.001	6.7E-05 (J)			
1/26/2016			8.5E-05 (J)	<0.001	7.3E-05 (J)
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			<0.001		
7/25/2016					<0.001
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	0.00026 (J)
11/15/2016	<0.001				
11/16/2016		0.00012 (J)	<0.001	9E-05 (J)	0.00015 (J)
1/26/2017	<0.001	<0.001	<0.001	0.00012 (J)	
1/31/2017					<0.001
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	<0.001
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				0.00016 (J)	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				0.0001 (J)	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				<0.001	<0.001
6/25/2018	<0.001	0.00011 (J)	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001
1/30/2019	<0.001	<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	0.00017 (J)			
9/16/2019					<0.001
3/12/2020			<0.001	0.00064 (J)	
3/16/2020	<0.001	0.00015 (J)			0.00044 (J)
9/9/2020	<0.001				
9/11/2020		0.00025 (J)			0.00017 (J)
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	0.00017 (J)
3/17/2021	<0.001	<0.001			

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			69	92		
3/23/2016	<10	41				139
3/31/2016					401	
5/19/2016				99		175
5/20/2016	<10					
5/23/2016			92			
5/24/2016		51				
5/25/2016					150	
7/21/2016	14			100		170
7/25/2016			38			
7/26/2016		8				
7/27/2016					250	
9/14/2016						150
9/15/2016	12		64			
9/16/2016		40				
11/9/2016			80			
11/10/2016		58				180
11/11/2016	4 (J)					
1/17/2017			54	66		130
1/19/2017	<10	28				
3/16/2017	14		40			180
3/17/2017		<10				
4/27/2017			84	92		160
4/28/2017	<10	<10				
7/18/2017				84 (J)		
8/1/2017				60 (J)		
10/3/2017		36	70	46	410	140
10/4/2017	34					
1/19/2018	<10	10	36	4 (J)		
1/22/2018						140
6/19/2018	16	<10	70	66		160
6/20/2018					230	
9/25/2018	24	32	36	80		130
1/17/2019	20	46				160
1/18/2019				81	140	
1/21/2019			58			
6/24/2019	21	72				170
6/25/2019			88	97	130	
9/9/2019	16					
9/10/2019		52	86	120		190
9/11/2019					130	
3/10/2020	12	43	40	50	170	190
9/9/2020	12		43	58	150	170
9/10/2020		40				
3/15/2021	<10	39	54	77	170	120

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		163	151	48		
3/30/2016	177				165	94
5/25/2016	181	197	175	61	233	90
7/22/2016			130			
7/25/2016		220				
7/26/2016				40	330	64
7/27/2016	210					
9/15/2016			160	54	350	
9/16/2016	190					
9/19/2016		240				
9/20/2016						72
11/16/2016		200	230			
11/17/2016	240			64	440	46
1/31/2017		110	170	36		
2/1/2017	120				150	70
3/23/2017		140	220	76	250	100
3/24/2017	180					
5/2/2017		180				
5/3/2017	170		150	32	190	84
10/4/2017	230	210	190		520	60
10/5/2017				42		
1/24/2018		130	210			
1/25/2018	190			48	160	86
6/20/2018		140		12	310	64
6/21/2018	32					
6/26/2018			200			
9/27/2018	200	130				
9/28/2018			180			
10/1/2018					250	94
10/2/2018				72		
1/22/2019				42	200	79
1/24/2019		<10				
1/25/2019			170			
1/31/2019	150					
6/25/2019				56	280	99
6/26/2019	46	87	140			
9/11/2019			220			
9/12/2019				73	470	
9/16/2019		190				
9/17/2019	120					75
3/12/2020				56		
3/16/2020		46				100
3/17/2020	140				370	
3/18/2020			200			
9/10/2020	170	160	220	44	390	79
3/16/2021			250			
3/17/2021		170		42	430	
3/18/2021	130					86

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	75	97	84	69	88	42
5/25/2016	91	97				
5/26/2016			80	75	65	42
7/25/2016			54	44	80	
7/26/2016						48
7/27/2016	76	110				
9/16/2016	78					
9/19/2016		110	96	74		
9/20/2016					84	56
11/17/2016	110	74	42	34	84	34
2/1/2017	70	100	66			
2/2/2017				96	100	36
3/24/2017	100	110	88	82		
3/28/2017					82	48
5/3/2017	18	28	64	42		
5/4/2017					88	22
10/4/2017		84				
10/5/2017	10		50	50		
10/6/2017					120	70
1/25/2018	56	72	70	60		
1/26/2018					96	52
6/20/2018	84					36
6/21/2018			84	76	78	
6/26/2018		72				
9/27/2018				62	110	56
9/28/2018			74			
10/1/2018	86					
10/2/2018		120				
1/24/2019		82				42
1/25/2019	51					
1/28/2019			77	69	95	
6/25/2019	91	110			100	63
6/26/2019				<10		
6/27/2019			77			
9/11/2019	85	92	64		74	16
9/12/2019				87		
3/17/2020	93	84	90			
3/18/2020				64	78	49
9/11/2020	83					
9/14/2020		91	96			
9/15/2020				51	82	54
3/16/2021		99	93		100	65
3/17/2021	91			67		

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						46
3/24/2016					48	
3/28/2016				90		
3/29/2016		53				
3/30/2016			39			
3/31/2016	102					
5/24/2016						34
5/25/2016		33	30		42	
5/26/2016	108			75		
7/26/2016	82				20	16
7/27/2016		30	28	78		
9/16/2016			22			
9/19/2016				100	48	52
9/20/2016	100	42				
11/11/2016						56
11/14/2016					40	
11/15/2016				110		
11/17/2016	110					
11/18/2016		4 (J)	28			
1/19/2017					10	
1/20/2017						38
1/24/2017				96		
2/3/2017	110	20	26			
3/16/2017					<10	32
3/23/2017				96		
3/28/2017	98	38				
3/29/2017			28			
4/28/2017						46
5/1/2017					10	
5/2/2017				100		
5/3/2017	98					
5/4/2017		54	30			
10/3/2017						12
10/4/2017					60	
10/5/2017	<10	26	12	86		
1/19/2018						<10
1/22/2018					40	
1/25/2018	98	32	20	100		
6/20/2018	94	54				
6/27/2018			24	60	8	54
9/26/2018				60		
9/27/2018					86	58
9/28/2018			16			
10/1/2018	100	140				
1/24/2019	100			54	34	<10
1/25/2019		<10				
1/31/2019			30			
6/25/2019	110			58	49	
6/26/2019		44	<10			<10
9/10/2019	120					
9/11/2019			<10	53		
9/12/2019		58			61	50

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			23	76		26
3/13/2020					32	
3/18/2020	93	29				
9/9/2020						52
9/10/2020	100	40				
9/14/2020				44		
9/15/2020			21		43	
3/15/2021	89					
3/17/2021				56	35	
3/18/2021		29	20			34

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	51		75	80		
3/24/2016					55	33
3/30/2016		128				
5/20/2016	58					
5/23/2016					61	48
5/24/2016			83			
5/25/2016		118				
7/21/2016	42				32	36
7/22/2016			76			
9/15/2016					62	38
9/16/2016			84			
9/20/2016	52					
11/14/2016	38					
11/15/2016			94		56	44
11/17/2016				140		
1/24/2017	36					
1/25/2017		120		160	<10	
1/26/2017			68			<10
3/17/2017	48					
3/22/2017					58	34
3/23/2017				120		
3/24/2017			110			
5/1/2017	10			72	22	
5/2/2017			76			4 (J)
7/19/2017		100		120		
8/4/2017				90		
8/24/2017				82		
10/3/2017					16	26
10/4/2017	74					
10/5/2017				74		
10/6/2017		120	130			
1/23/2018		70	110	100	64	56
1/24/2018	10					
6/19/2018						28
6/20/2018					<10	
6/21/2018	28					
6/26/2018			66	100		
6/27/2018		92				
10/1/2018						40
10/2/2018			100	120	98	
10/3/2018	42	86				
1/21/2019						17
1/28/2019					33	
1/30/2019	53		91	100		
1/31/2019		160				
6/26/2019		110		100	61	46
6/27/2019	30		47			
9/10/2019	46					
9/11/2019					20	
9/12/2019			100	110		51
3/11/2020	44				36	42
3/12/2020				120		

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		86				
3/18/2020			120			
9/10/2020	40					
9/11/2020		110			36	32
9/15/2020			92			
9/16/2020				94		
3/16/2021		96			46	42
3/17/2021			79			
3/18/2021	49			93		

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/24/2021 11:49 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	172	92			
3/29/2016			517	172	93
5/23/2016	189				
5/24/2016		115	494	196	162
7/21/2016	170	120			
7/22/2016			430		
7/25/2016					200
7/26/2016				160	
9/15/2016	180	130	460		
9/19/2016				220	340
11/15/2016	180				
11/16/2016		150	500	240	280
1/26/2017	120	74	440	130	
1/31/2017					160
3/22/2017	110	120	440		
3/23/2017				190	230
5/2/2017	140	82	420		150
5/3/2017				160	
10/3/2017	170	100	450		190
10/5/2017				200	
1/23/2018	210	120	390		
1/24/2018				94	160
6/21/2018				210	150
6/25/2018	200	110	400		
9/25/2018		120			
9/26/2018				180	130
10/2/2018			440		
10/3/2018	230				
1/21/2019			340		
1/22/2019				86	68
1/30/2019	220	120			
6/25/2019			400	200	160
6/26/2019	120	41			
9/10/2019			380	220	
9/12/2019	230	170			
9/16/2019					190
3/12/2020			360	140	
3/16/2020	210	110			100
9/9/2020	210				
9/11/2020		160			160
9/14/2020			380	190	
3/16/2021			390	170	100
3/17/2021	180	110			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<0.001		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		<0.001		
1/15/2014						0.0016 (J)
1/21/2014	<0.001					
1/22/2014		<0.001	0.00072 (J)	<0.001		
6/25/2014	<0.001				<0.001	0.00084 (J)
7/1/2014		0.0012 (J)	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<0.001					0.0014 (J)
1/21/2015			<0.001	<0.001		
1/22/2015		0.0013 (J)				
7/21/2015	<0.001		<0.001		<0.001	<0.001
7/22/2015		<0.001		<0.001		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	<0.001 (*)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						0.002 (J)
6/19/2018	<0.001	0.0024 (J)	<0.001	0.0014 (J)		0.0019 (J)
6/20/2018					<0.001	
1/17/2019	0.0012	0.0016				0.0016
1/18/2019				0.0015	0.0019	
1/21/2019			0.0012			
6/24/2019	0.0028	0.0018				0.002
6/25/2019			0.0025	0.0023	0.0028	
9/9/2019	<0.001					
9/10/2019		0.0011	0.0012	<0.001		<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0014	
3/10/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001		<0.001	<0.001	0.0018	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.0017	<0.001	<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.0064	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/8/2012						<0.001
2/9/2012		<0.001				
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		0.0062				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		0.0053				
7/10/2013			<0.001	<0.001	<0.001	
1/15/2014		0.0064				
1/21/2014			<0.001	<0.001	<0.001	<0.001
6/24/2014						<0.001
6/25/2014		0.0064				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		0.0059	<0.001	<0.001		
7/22/2015					<0.001	<0.001
7/28/2015		0.0054	<0.001	<0.001		
1/25/2016	<0.001					
1/26/2016		0.0019 (J)	<0.001			
1/27/2016				<0.001	<0.001	<0.001
1/31/2017		0.0029	<0.001	0.0015 (J)		
2/1/2017	0.0032				0.002 (J)	0.0016 (J)
8/4/2017				<0.001		<0.001
8/7/2017		0.0024 (J)	<0.001		<0.001	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	0.003			<0.001	<0.001	0.003
6/20/2018		0.003		<0.001	0.0016 (J)	<0.001
6/21/2018	0.0018 (J)					
6/26/2018			<0.001			
1/22/2019				0.0015	<0.001	0.0012
1/24/2019		0.0032				
1/25/2019			<0.001			
1/31/2019	0.0015					
6/25/2019				0.0021	0.0014	0.0019
6/26/2019	0.0014	0.0035	0.0013			
9/11/2019			0.0011			
9/12/2019				0.0015	0.0012	
9/16/2019		0.0035				
9/17/2019	<0.001					0.0013
3/12/2020				<0.001		
3/16/2020		0.0027				<0.001
3/17/2020	<0.001				<0.001	
3/18/2020			<0.001			
9/10/2020	<0.001	0.0028	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		0.0029		<0.001	<0.001	
3/18/2021	<0.001					<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0028	<0.001	<0.001	<0.001		
8/31/2011					0.0035	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	0.0036 (J)	0.0019 (J)	0.0022 (J)			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	0.00089 (J)	<0.001
6/25/2014	0.0033 (J)	0.001 (J)				
1/13/2015	0.0037 (J)		0.00084 (J)	<0.001	0.0013 (J)	<0.001
1/14/2015		0.0014 (J)				
7/22/2015	0.0031 (J)					
7/23/2015			<0.001	0.0016 (J)	0.0027 (J)	<0.001
7/28/2015		0.0027 (J)				
1/26/2016						<0.001
1/27/2016	0.0035 (J)	0.0018 (J)	0.00096 (J)	<0.001	0.0012 (J)	
2/1/2017	0.0067	0.0044	0.0036			
2/2/2017				0.0015 (J)	0.0031	0.0028
8/7/2017	0.005	<0.001	<0.001	0.0016 (J)	0.0041	0.0014 (J)
1/25/2018	0.0058	0.0042	<0.001	0.0021 (J)		
1/26/2018					0.0044	<0.001
6/20/2018	0.0039					<0.001
6/21/2018			<0.001	<0.001	0.0017 (J)	
6/26/2018		0.0023 (J)				
1/24/2019		0.0027				<0.001
1/25/2019	0.0052					
1/28/2019			0.0015	<0.001	0.0019	
6/25/2019	0.0056	0.005			0.0038	0.0021
6/26/2019				0.0023		
6/27/2019			0.0031			
9/11/2019	0.0048	0.0023	0.0017		0.0027	<0.001
9/12/2019				0.0015		
3/17/2020	0.0044	0.0024	0.0015			
3/18/2020				0.0011	0.0016	<0.001
9/11/2020	0.0039					
9/14/2020		0.0017	0.0018			
9/15/2020				0.0012	0.0021	<0.001
3/16/2021		0.0023	0.0017		0.0019	<0.001
3/17/2021	0.004			0.001		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:49 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.005					
9/16/2011		<0.001				
9/17/2011				0.0074	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	0.0074	<0.001				
1/22/2013	0.0071	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	0.0075					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	0.0061					
1/22/2014		<0.001				
1/23/2014				0.00082 (J)	<0.001	<0.001
6/25/2014	0.007					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	0.0063					
1/21/2015				0.0013 (J)	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	0.0066					
7/29/2015		0.0011 (J)				
7/30/2015				0.0018 (J)		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		0.0017 (J)		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	0.0058					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.0077		
2/3/2017	0.0082	0.0016 (J)	0.0015 (J)			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	0.0058	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	0.0063	0.0014 (J)	<0.001	<0.001		
6/20/2018	0.006	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	0.0065			0.0018	0.0013	<0.001
1/25/2019		0.0012				
1/31/2019			0.0015			
6/25/2019	0.0092			0.0019	0.0024	
6/26/2019		0.0019	0.0014			0.0011
9/10/2019	0.0082					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			<0.001	0.0013		
9/12/2019		0.001			0.0014	<0.001
3/12/2020			<0.001	0.0011		<0.001
3/13/2020					<0.001	
3/18/2020	0.0069	<0.001				
9/9/2020						<0.001
9/10/2020	0.0061	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.0068					
3/17/2021				<0.001	<0.001	
3/18/2021		0.001	<0.001			<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.00068 (J)	<0.001	<0.001	<0.001	
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	<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				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	0.001 (J)					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
1/24/2017	0.0059					
1/25/2017		0.0043		0.0052	0.0055	
1/26/2017			0.0016 (J)			0.0026
8/3/2017			<0.001		<0.001	<0.001
8/4/2017	0.0018 (J)	<0.001		<0.001		
1/23/2018		0.0023 (J)	0.003	0.003	<0.001	0.0022 (J)
1/24/2018	<0.001					
6/19/2018						0.0019 (J)
6/20/2018					<0.001	
6/21/2018	0.0031					
6/26/2018			<0.001	<0.001		
6/27/2018		<0.001				
1/21/2019						0.0011
1/28/2019					<0.001	
1/30/2019	0.0021		0.0012	0.0014		
1/31/2019		0.0014				
6/26/2019		0.0015		0.0017	0.002	0.0015
6/27/2019	0.0029		0.0021			
9/10/2019	0.0018					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0025			<0.001	
9/12/2019			0.0012	0.0014		<0.001
3/11/2020	0.00099 (J)				<0.001	<0.001
3/12/2020				<0.001		
3/17/2020		<0.001				
3/18/2020			<0.001			
9/10/2020	0.0012					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			0.0011			
3/18/2021	0.0014			<0.001		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	0.0022 (J)
1/15/2014	0.0042 (J)	0.002 (J)			
6/24/2014			0.00087 (J)	0.0014 (J)	0.0022 (J)
6/25/2014	0.0022 (J)	<0.001			
1/13/2015	0.004 (J)				
1/20/2015		<0.001	0.00094 (J)	0.0013 (J)	0.0025 (J)
7/24/2015	0.0021 (J)	<0.001			
7/27/2015			<0.001	<0.001	0.0024 (J)
1/20/2016	0.0035 (J)	<0.001			
1/26/2016			0.0011 (J)	<0.001	<0.001
1/26/2017	0.0064	0.0064	0.0057	0.0038	
1/31/2017					<0.001
8/3/2017	0.0031	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	0.0062	0.0038	0.0042		
1/24/2018				<0.001	<0.001
6/21/2018				0.0015 (J)	<0.001
6/25/2018	0.0021 (J)	<0.001	0.0035		
1/21/2019			0.003		
1/22/2019				0.0015	0.0014
1/30/2019	0.0031	0.0015			
6/25/2019			0.0035	0.0026	0.002
6/26/2019	0.0033	0.0016			
9/10/2019			0.0024	0.0014	
9/12/2019	0.0031	<0.001			
9/16/2019					0.0014
3/12/2020			0.0019	<0.001	
3/16/2020	0.0028	<0.001			<0.001
9/9/2020	0.0025				
9/11/2020		<0.001			<0.001
9/14/2020			0.0017	<0.001	
3/16/2021			0.0025	0.0014	0.0011
3/17/2021	0.0025	<0.001			

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.0037	<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
10/28/2011			0.0073	0.019		
12/12/2011			0.0053	0.02		
12/13/2011	0.0065					
12/14/2011		0.0077				<0.005
1/25/2012			0.0046			
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					
7/23/2012		0.0043				0.0037
1/23/2013		0.0054				<0.005
1/24/2013	0.0058		0.0049	0.048		
7/17/2013	0.0028					<0.005
7/23/2013			0.0026			
7/24/2013		0.004		0.048		
1/15/2014						0.00085 (J)
1/21/2014	0.0037					
1/22/2014		0.0056	0.0052	0.044		
6/25/2014	0.0026				0.015	0.0014 (J)
7/1/2014		0.004	0.0042			
7/8/2014				0.04 (D)		
1/14/2015	0.003					0.0082
1/21/2015			0.0038	0.037		
1/22/2015		0.0051				
7/21/2015	0.0033		0.0042		0.042	0.0015 (J)
7/22/2015		0.0033		0.031		
1/19/2016				0.035 (D)		
1/20/2016		0.0029				0.0093
1/21/2016	0.0043					
1/22/2016			0.0041			
1/17/2017			<0.005	0.024		0.014 (J)
1/19/2017	0.0077 (J)	<0.005				
8/1/2017			<0.005	0.028	<0.005	
8/2/2017		<0.005				<0.005
8/3/2017	<0.005					
1/19/2018	<0.005	<0.005	<0.005	0.024		
1/22/2018						<0.005
6/19/2018	0.0068 (J)	<0.005	<0.005	0.028		<0.005
6/20/2018					<0.005	
1/17/2019	0.0037 (J)	0.0024 (J)				<0.005
1/18/2019				0.022	0.0088	
1/21/2019			0.0065			
6/24/2019	0.0048 (J)	0.0046 (J)				0.0036 (J)
6/25/2019			0.011	0.041	0.014	
9/9/2019	0.0064					
9/10/2019		0.0064	0.01	0.031		0.006

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.02	
3/10/2020	0.0036 (J)	<0.005	0.017	0.034	0.015	0.052
9/9/2020	0.078		0.063	0.025	0.013	<0.005
9/10/2020		<0.005				
3/15/2021	<0.005	<0.005	0.0057	0.024	0.015	0.044

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.005	<0.005	<0.005	0.0039	
9/16/2011						<0.005
10/27/2011					0.0046	<0.005
10/28/2011		<0.005	<0.005	<0.005		
12/3/2011					0.0028	<0.005
12/4/2011		0.0025	0.0027	0.0028		
1/24/2012			<0.005	<0.005	0.0033	
2/9/2012		<0.005				<0.005
7/11/2012			<0.005	<0.005	<0.005	<0.005
7/18/2012		0.008				
1/8/2013		<0.005	<0.005	<0.005	<0.005	<0.005
7/2/2013						<0.005
7/9/2013		<0.005				
7/10/2013			<0.005	<0.005	<0.005	
1/15/2014		0.00052 (J)				
1/21/2014			0.0019 (J)	0.0026	0.0036	0.0017 (J)
6/24/2014						<0.005
6/25/2014		0.00089 (J)				
7/1/2014			0.0087	0.0014 (J)	0.0018 (J)	
1/14/2015					0.0035	0.0013 (J)
1/21/2015		<0.005	<0.005	0.0018 (J)		
7/22/2015					0.005	<0.005
7/28/2015		0.0021 (J)	<0.005	<0.005		
1/25/2016	0.0027					
1/26/2016		<0.005	<0.005			
1/27/2016				<0.005	0.0094	<0.005
1/31/2017		<0.005	<0.005	<0.005		
2/1/2017	<0.005				0.0084 (J)	<0.005
8/4/2017				<0.005		<0.005
8/7/2017		<0.005	<0.005		0.012 (J)	
8/8/2017	<0.005					
1/24/2018		<0.005	<0.005			
1/25/2018	<0.005			<0.005	0.0095 (J)	<0.005
6/20/2018		<0.005		<0.005	0.012 (J)	<0.005
6/21/2018	<0.005					
6/26/2018			<0.005			
1/22/2019				<0.005	0.0094	<0.005
1/24/2019		<0.005				
1/25/2019			<0.005			
1/31/2019	0.0039 (J)					
6/25/2019				<0.005	0.014	<0.005
6/26/2019	0.0044 (J)	<0.005	<0.005			
9/11/2019			0.0056			
9/12/2019				0.0085	0.019	
9/16/2019		0.005				
9/17/2019	0.013					0.0041 (J)
3/12/2020				<0.005		
3/16/2020		<0.005				<0.005
3/17/2020	0.0044 (J)				0.014	
3/18/2020			<0.005			
9/10/2020	0.13	0.017	<0.005	0.0036 (J)	0.014	<0.005
12/2/2020	0.011					

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.005			
3/17/2021		<0.005		0.0039 (J)	0.014	
3/18/2021	0.004 (J)					<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0081	0.0035	<0.005	0.0035		
8/31/2011					<0.005	0.01
10/26/2011	0.0035	0.0032	0.0025	0.0054		
10/27/2011					0.0038	0.0087
12/3/2011	0.0033	0.0027	0.0027	0.0046		
12/4/2011					0.0028	0.0093
1/25/2012	<0.005	<0.005				
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	<0.005	
7/17/2012						0.009
1/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005	
1/9/2013						0.006
7/2/2013	<0.005					
7/16/2013		<0.005	<0.005	<0.005	<0.005	0.0052
1/14/2014	0.00074 (J)	0.0021 (J)	0.0005 (J)			
1/21/2014				0.0025	0.0018 (J)	0.0066
6/24/2014			0.00099 (J)	0.0014 (J)	0.0006 (J)	0.0059
6/25/2014	0.00071 (J)	0.0012 (J)				
1/13/2015	0.0015 (J)		0.00063 (J)	0.0019 (J)	0.00086 (J)	0.005
1/14/2015		0.0015 (J)				
7/22/2015	<0.005					
7/23/2015			<0.005	0.0025	<0.005	0.0042
7/28/2015		<0.005				
1/26/2016						0.0043
1/27/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
2/1/2017	<0.005	<0.005	<0.005			
2/2/2017				<0.005	<0.005	<0.005
8/7/2017	<0.005	<0.005	<0.005	<0.005	0.013 (J)	<0.005
1/25/2018	<0.005	<0.005	<0.005	<0.005		
1/26/2018					<0.005	<0.005
6/20/2018	<0.005					<0.005
6/21/2018			<0.005	<0.005	<0.005	
6/26/2018		<0.005				
1/24/2019		<0.005				0.0034 (J)
1/25/2019	<0.005					
1/28/2019			0.0033 (J)	0.0049 (J)	0.014	
6/25/2019	<0.005	<0.005			<0.005	0.0039 (J)
6/26/2019				0.0038 (J)		
6/27/2019			<0.005			
9/11/2019	0.0062	0.012	0.0038 (J)		0.0061	0.0068
9/12/2019				0.0086		
3/17/2020	<0.005	<0.005	<0.005			
3/18/2020				0.0078	<0.005	0.0052
9/11/2020	0.0033 (J)					
9/14/2020		0.0048 (J)	0.0053			
9/15/2020				0.0037 (J)	<0.005	0.0052
3/16/2021		<0.005	<0.005		<0.005	0.0033 (J)
3/17/2021	<0.005			0.0056		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.0058					
9/16/2011		0.0058				
9/17/2011				0.0028	0.0061	0.0044
10/29/2011	0.0031	0.0032			0.0038	0.0049
10/31/2011				0.003		
12/13/2011	0.0068	0.0074				
12/14/2011				0.0029	0.0033	0.0057
1/25/2012	<0.005					0.0051
1/31/2012		0.0031				
2/7/2012				0.0092	0.0036	
7/17/2012				0.01	0.0028	0.015
7/18/2012	0.0056	0.0054				
1/22/2013	<0.005	0.0061				
1/24/2013					<0.005	0.0041
7/16/2013	<0.005					
7/23/2013		0.0038				
7/24/2013				0.033	<0.005	0.0036
1/21/2014	<0.005					
1/22/2014		0.0035				
1/23/2014				0.015	0.019	0.02
6/25/2014	0.00094 (J)					
7/1/2014		0.0031				
7/8/2014			0.0043	0.011	0.0048	0.0032
1/14/2015	0.00073 (J)					
1/21/2015				0.0057	0.0022 (J)	0.0039
1/22/2015		0.0049				
7/23/2015	<0.005					
7/29/2015		0.0024 (J)				
7/30/2015				0.0072		0.0033
7/31/2015			0.0052		<0.005	
1/20/2016			0.0086			
1/21/2016		<0.005		0.017		
1/22/2016						0.012
1/25/2016					0.0035	
1/26/2016	<0.005					
1/19/2017					0.015 (J)	
1/20/2017						<0.005
1/24/2017				0.0085 (J)		
2/3/2017	<0.005	<0.005	0.0094 (J)			
8/3/2017				<0.005	<0.005	<0.005
8/8/2017	<0.005	<0.005	0.0098 (J)			
1/19/2018						<0.005
1/22/2018					<0.005	
1/25/2018	<0.005	<0.005	<0.005	0.009 (J)		
6/20/2018	<0.005	<0.005				
6/27/2018			<0.005	0.0086 (J)	<0.005	<0.005
1/24/2019	<0.005			0.013	<0.005	0.0041 (J)
1/25/2019		<0.005				
1/31/2019			0.006			
6/25/2019	<0.005			0.01	0.0045 (J)	
6/26/2019		<0.005	0.0062			<0.005
9/10/2019	0.0061					

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0081	0.037		
9/12/2019		0.0042 (J)			0.0059	0.0079
3/12/2020			0.008	0.0089		0.0051
3/13/2020					0.0087	
3/18/2020	<0.005	<0.005				
9/9/2020						0.0079
9/10/2020	<0.005	0.004 (J)				
9/14/2020				0.024		
9/15/2020			0.0073		0.0042 (J)	
3/15/2021	<0.005					
3/17/2021				0.0088	<0.005	
3/18/2021		<0.005	0.0064			<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.02				
10/28/2011	0.0062					
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		
2/1/2012			0.1	0.0033	<0.005	0.0046
2/7/2012		0.0091				
2/8/2012	0.009					
7/16/2012					<0.005	0.0038
7/17/2012			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	0.0066					
7/2/2013						0.0025
7/17/2013				0.0059	<0.005	
7/24/2013	<0.005		0.073			
1/21/2014						0.0036
1/23/2014	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			
1/14/2015					0.0014 (J)	0.0022 (J)
1/20/2015	<0.005		0.033	0.0058		
1/21/2015		0.0081				
7/28/2015						0.0016 (J)
7/29/2015				0.0049	<0.005	
7/30/2015	<0.005		0.029			
1/19/2016	<0.005					
1/21/2016					<0.005	0.0016 (J)
1/25/2016		0.0067	0.037	0.0046		
1/24/2017	<0.005					
1/25/2017		<0.005		<0.005	<0.005	
1/26/2017			0.07			<0.005
8/3/2017			0.059		<0.005	<0.005
8/4/2017	<0.005	0.033		<0.005		
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		0.012 (J)				
1/21/2019						<0.005
1/28/2019					0.0031 (J)	
1/30/2019	<0.005		0.053	0.0096		
1/31/2019		0.008				
6/26/2019		0.011		0.0056	<0.005	<0.005
6/27/2019	<0.005		0.082			
9/10/2019	0.019					

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.081			0.0068	
9/12/2019			0.098	0.01		0.0045 (J)
3/11/2020	0.022				0.0032 (J)	0.0034 (J)
3/12/2020				0.0061		
3/17/2020		0.044				
3/18/2020			0.13			
9/10/2020	<0.005					
9/11/2020		0.0094			<0.005	<0.005
9/15/2020			0.07			
9/16/2020				0.012		
3/16/2021		0.014			<0.005	<0.005
3/17/2021			0.081			
3/18/2021	0.078			<0.005		

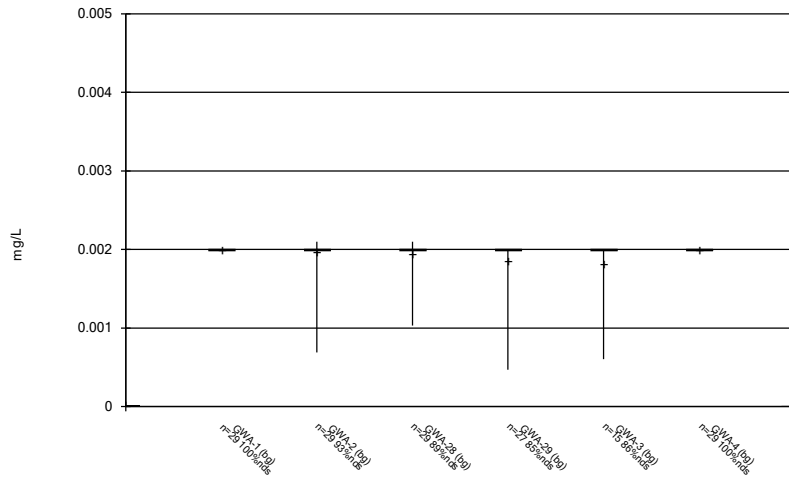
Time Series

Constituent: Zinc (mg/L) Analysis Run 4/24/2021 11:50 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.005	0.0037			
9/7/2011			<0.005	0.0029	0.016 (O)
10/27/2011	0.0025				
10/30/2011		0.0043	<0.005	<0.005	0.004
12/4/2011					0.0086
12/5/2011	<0.005	0.0047	<0.005	0.004	
1/19/2012				0.0029	0.0081
1/25/2012	<0.005	<0.005	<0.005		
7/18/2012	<0.005		0.0035	0.006	0.0058
7/24/2012		<0.005			
1/7/2013			0.0033	<0.005	
1/8/2013		<0.005			0.0034
1/9/2013	<0.005				
7/9/2013		<0.005	0.0035	<0.005	<0.005
7/17/2013	0.0043				
1/14/2014			0.0022 (J)	0.002 (J)	0.003
1/15/2014	0.0023 (J)	0.0034			
6/24/2014			0.01	0.0011 (J)	0.0016 (J)
6/25/2014	0.0022 (J)	0.002 (J)			
1/13/2015	0.0027				
1/20/2015		<0.005	0.0018 (J)	0.0018 (J)	0.0021 (J)
7/24/2015	0.002 (J)	0.0017 (J)			
7/27/2015			<0.005	0.0015 (J)	<0.005
1/20/2016	0.0022 (J)	0.0018 (J)			
1/26/2016			0.0016 (J)	<0.005	<0.005
1/26/2017	<0.005	<0.005	<0.005	<0.005	
1/31/2017					<0.005
8/3/2017	<0.005	<0.005			
8/4/2017			<0.005		
8/7/2017				0.0086 (J)	<0.005
1/23/2018	<0.005	<0.005	<0.005		
1/24/2018				<0.005	<0.005
6/21/2018				<0.005	<0.005
6/25/2018	<0.005	<0.005	<0.005		
1/21/2019			<0.005		
1/22/2019				<0.005	<0.005
1/30/2019	<0.005	<0.005			
6/25/2019			<0.005	0.0043 (J)	0.005
6/26/2019	<0.005	0.0033 (J)			
9/10/2019			0.0063	0.0051	
9/12/2019	0.0067	0.049			
9/16/2019					0.0049 (J)
3/12/2020			0.038	0.044	
3/16/2020	0.0033 (J)	0.0032 (J)			0.0094
9/9/2020	<0.005				
9/11/2020		0.0071			0.0055
9/14/2020			0.0041 (J)	0.0079	
3/16/2021			<0.005	0.0045 (J)	0.0048 (J)
3/17/2021	<0.005	<0.005			

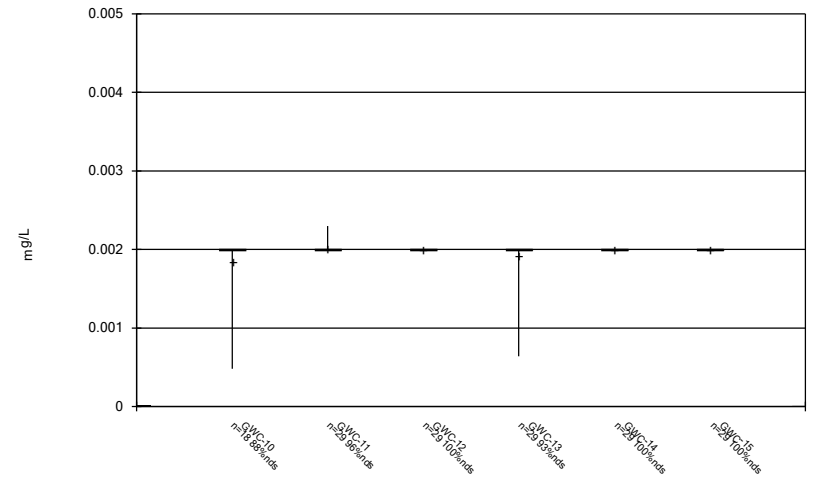
FIGURE B.

Box & Whiskers Plot



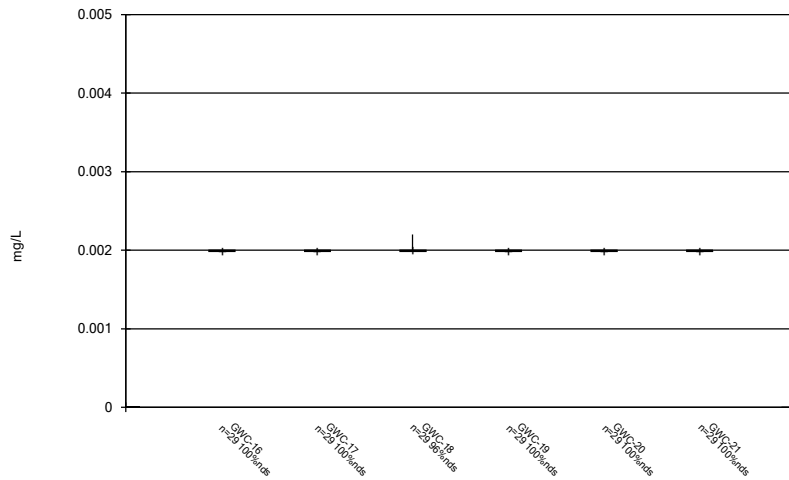
Constituent: Antimony Analysis Run 4/24/2021 11:51 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



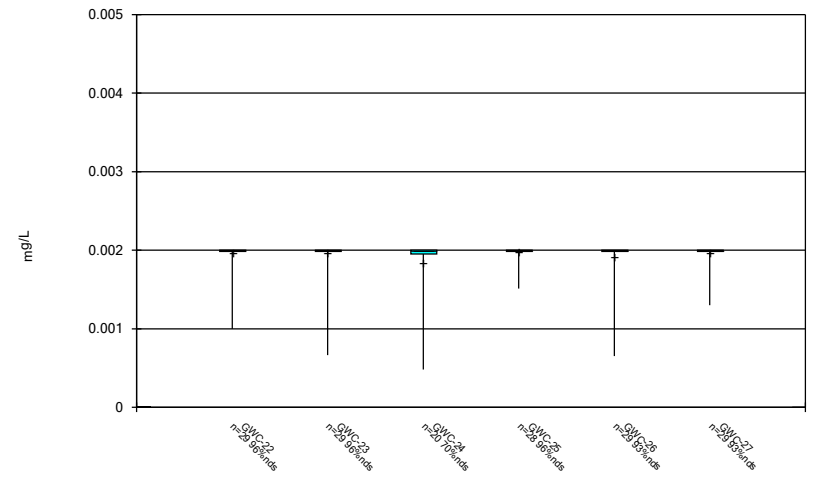
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



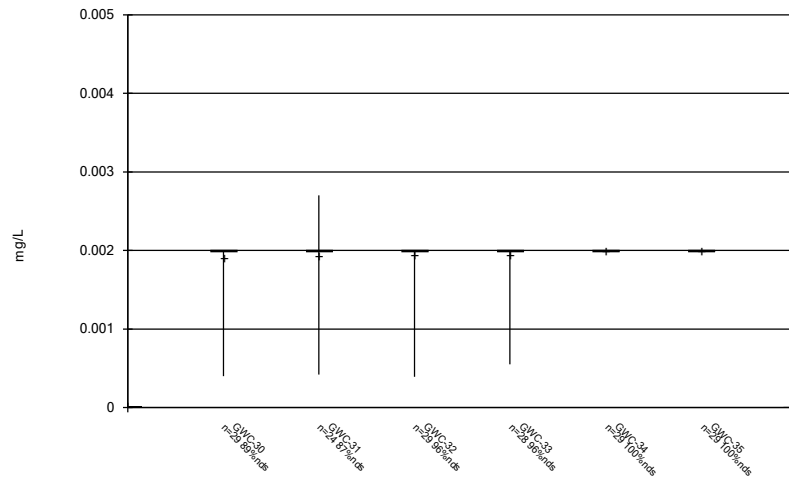
Constituent: Antimony Analysis Run 4/24/2021 11:51 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



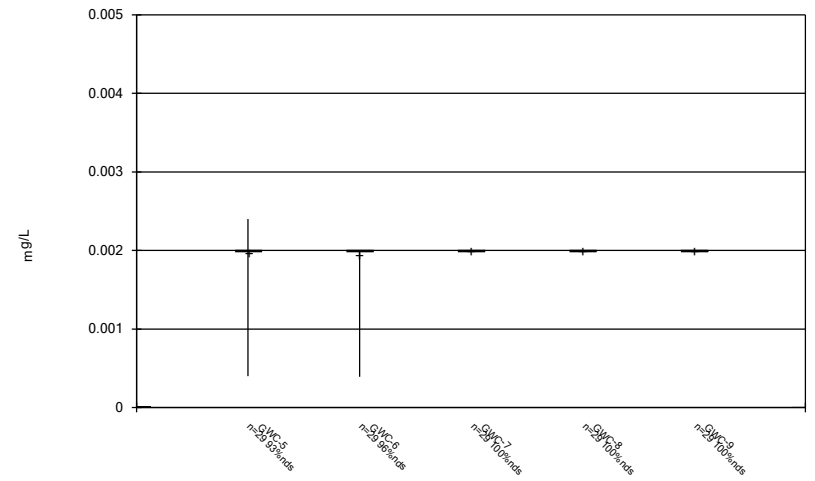
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



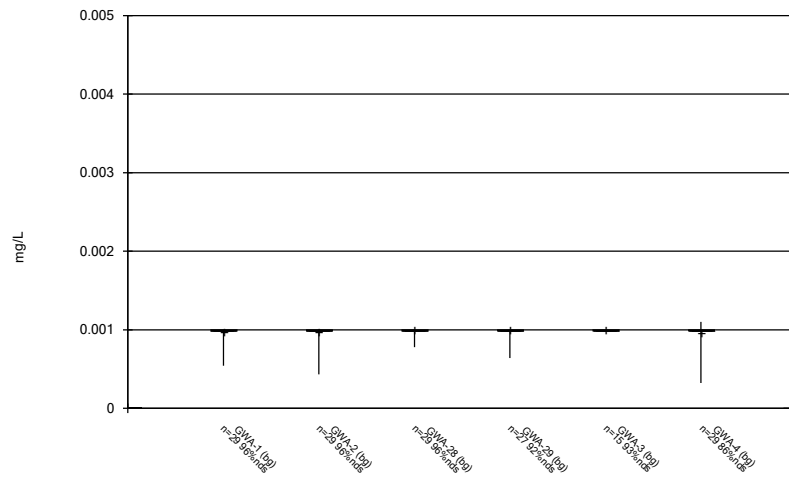
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



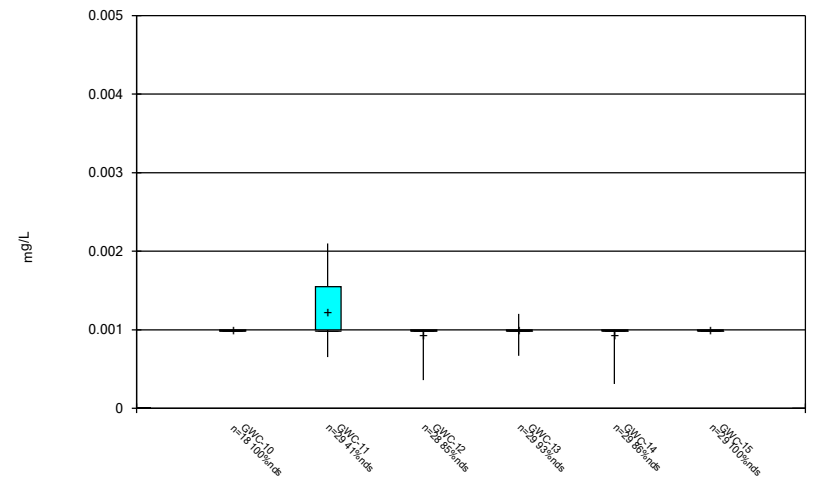
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



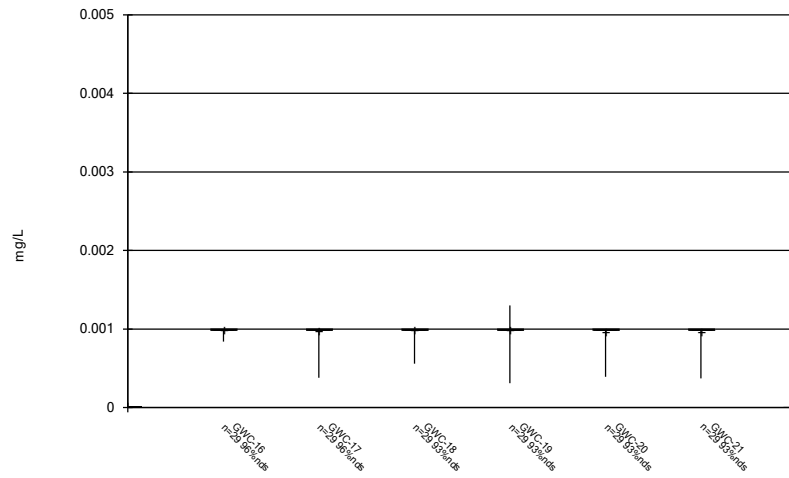
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



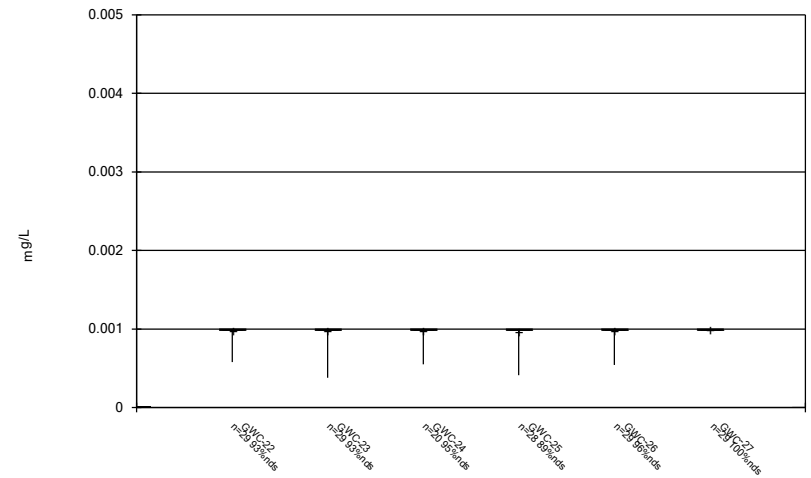
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



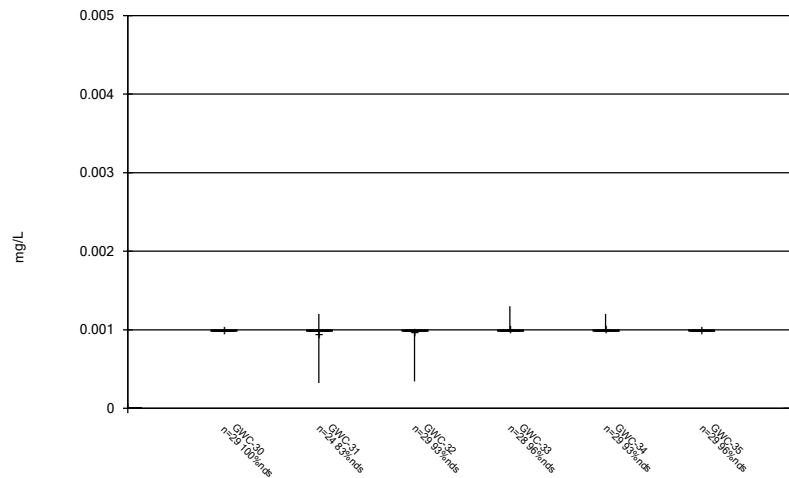
Constituent: Arsenic Analysis Run 4/24/2021 11:51 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



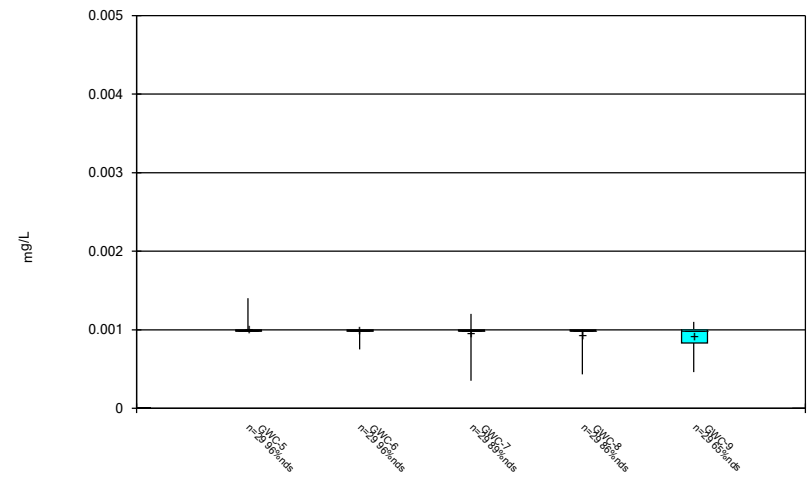
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



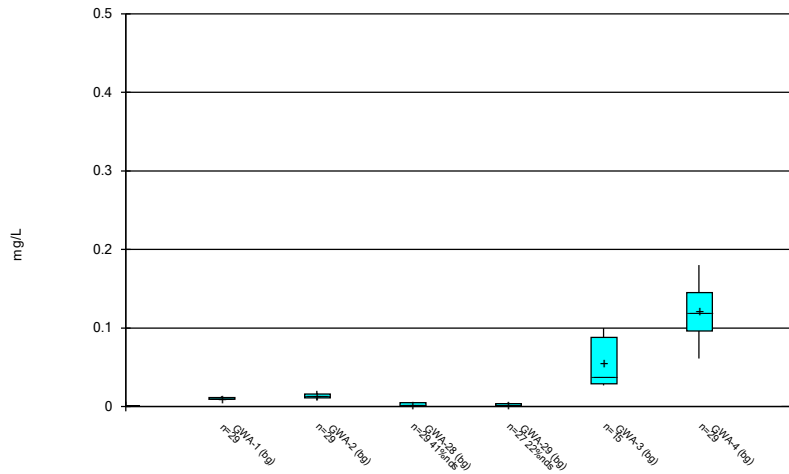
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



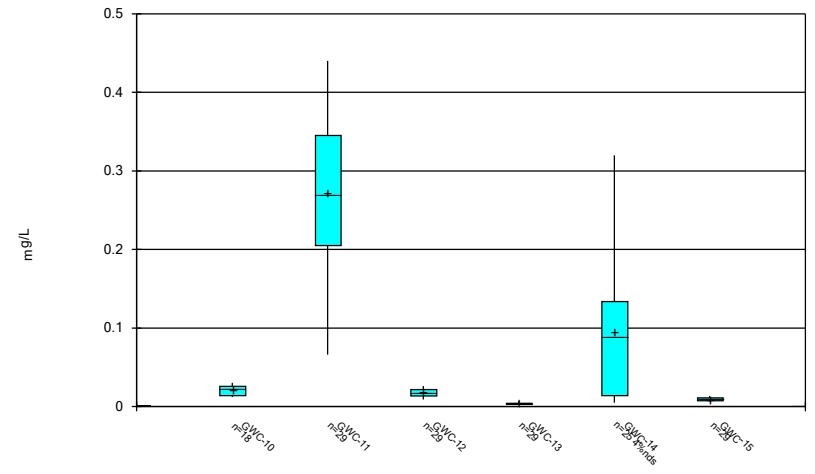
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



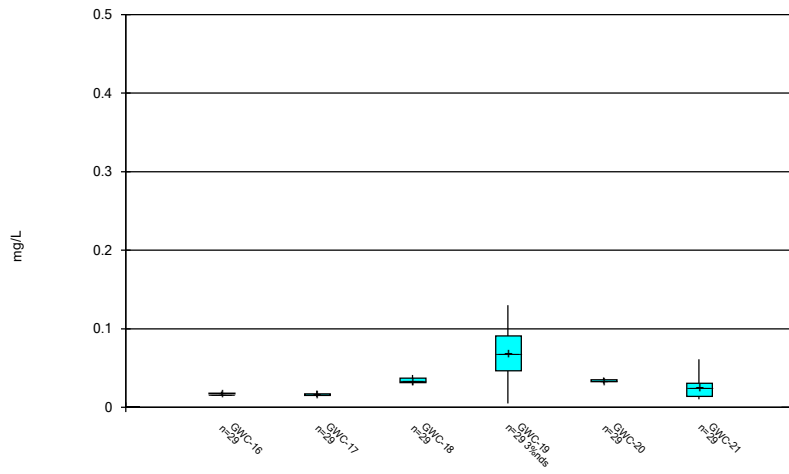
Constituent: Barium Analysis Run 4/24/2021 11:51 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



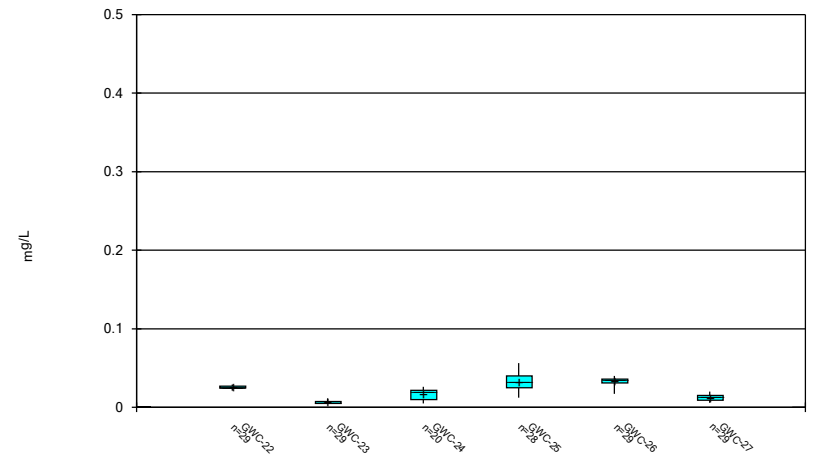
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



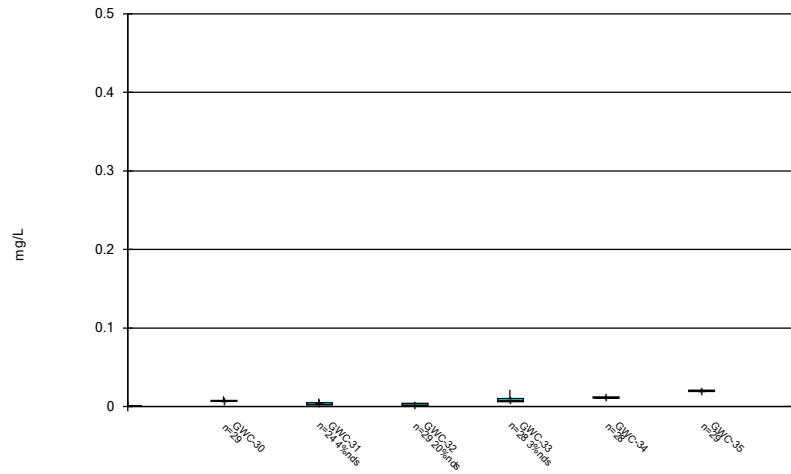
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



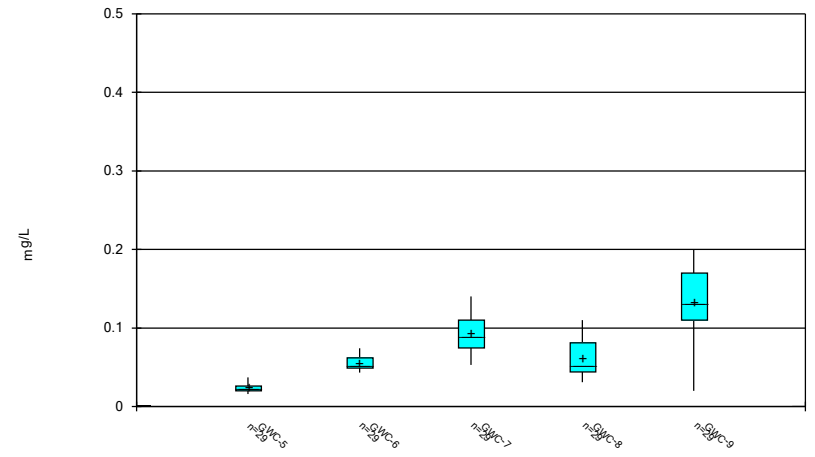
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



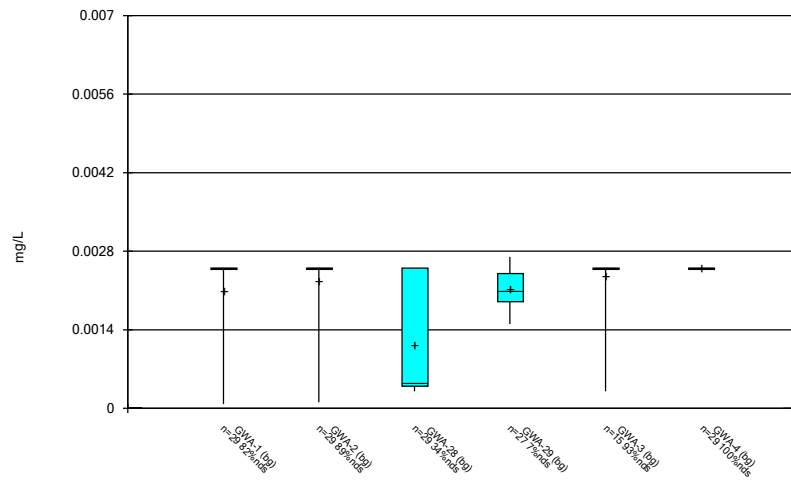
Constituent: Barium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



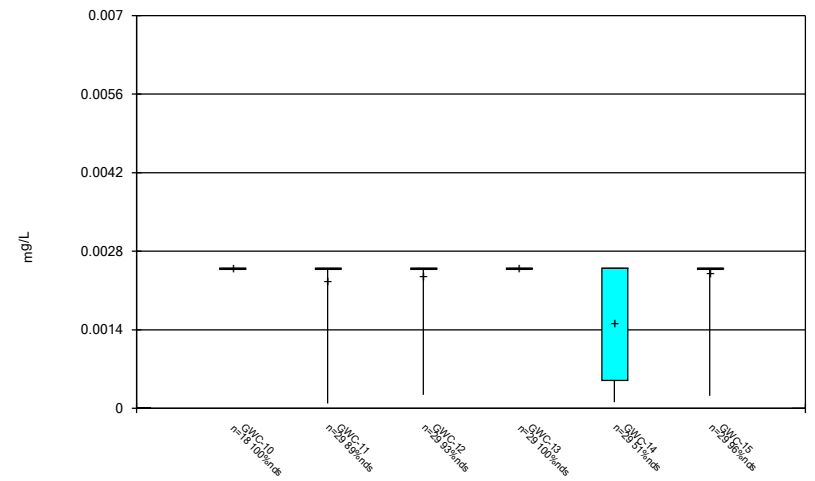
Constituent: Barium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



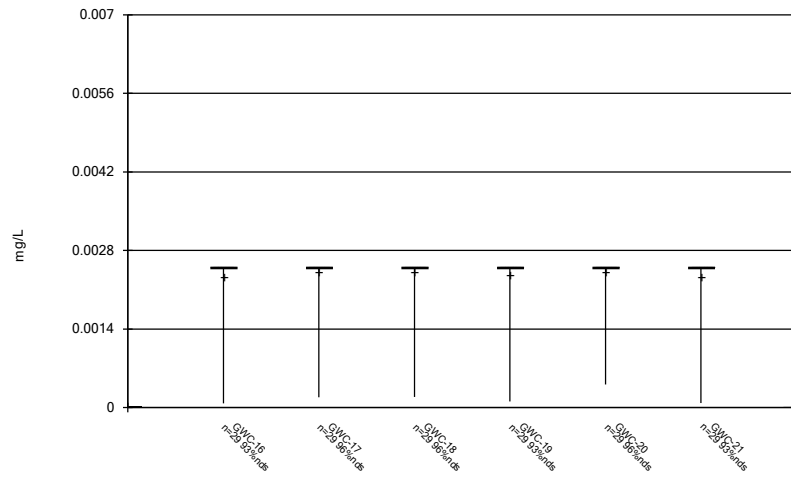
Constituent: Beryllium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



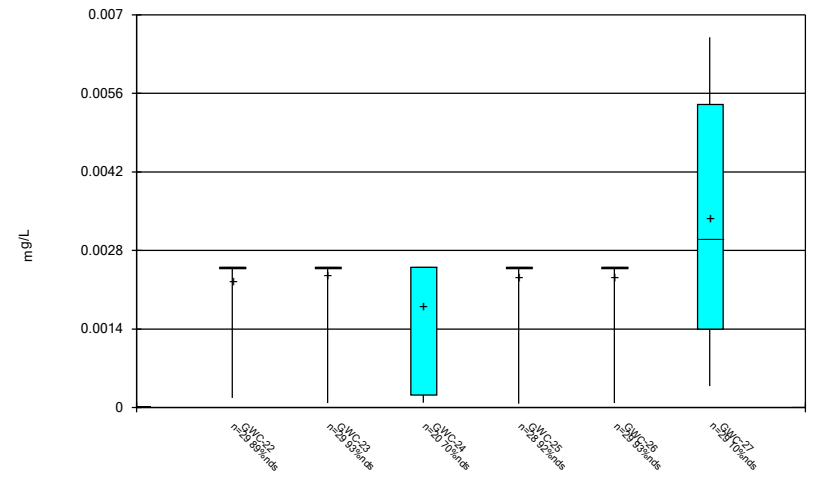
Constituent: Beryllium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



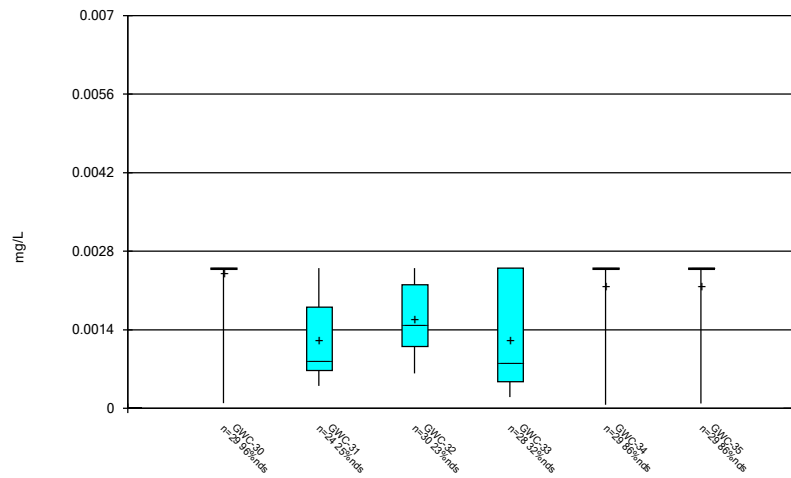
Constituent: Beryllium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



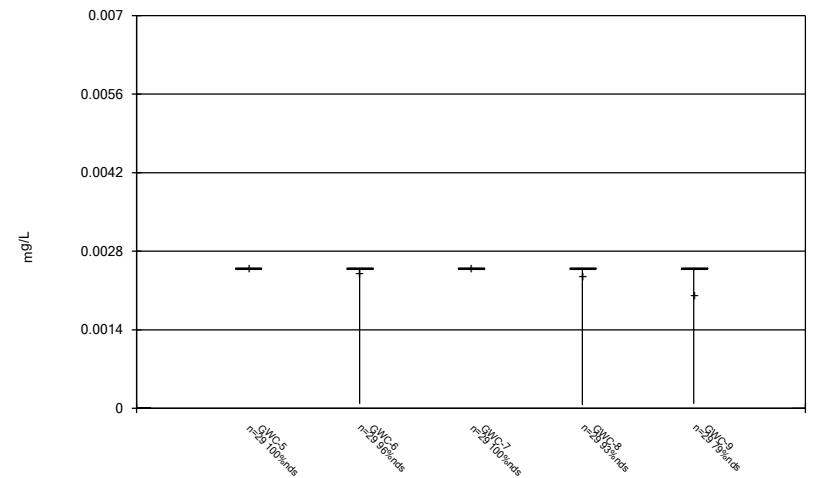
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



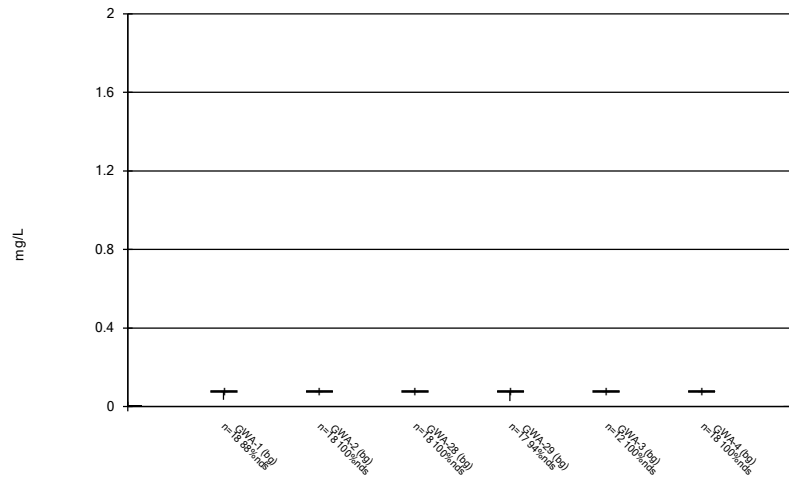
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



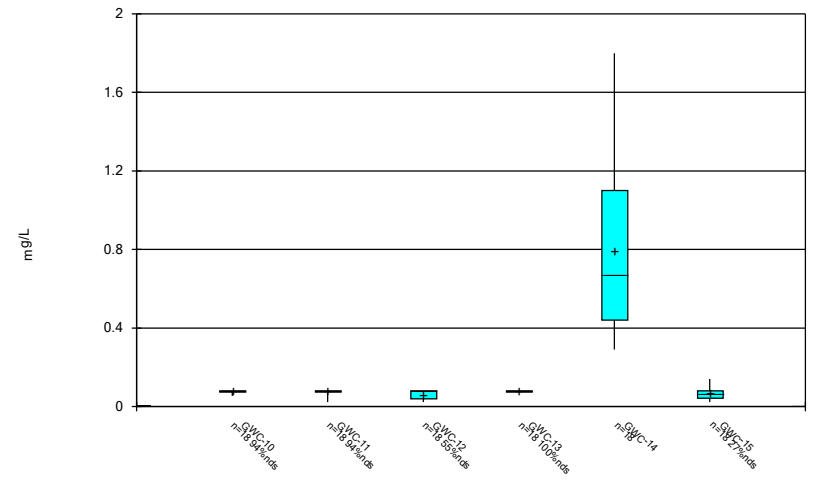
Constituent: Beryllium Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



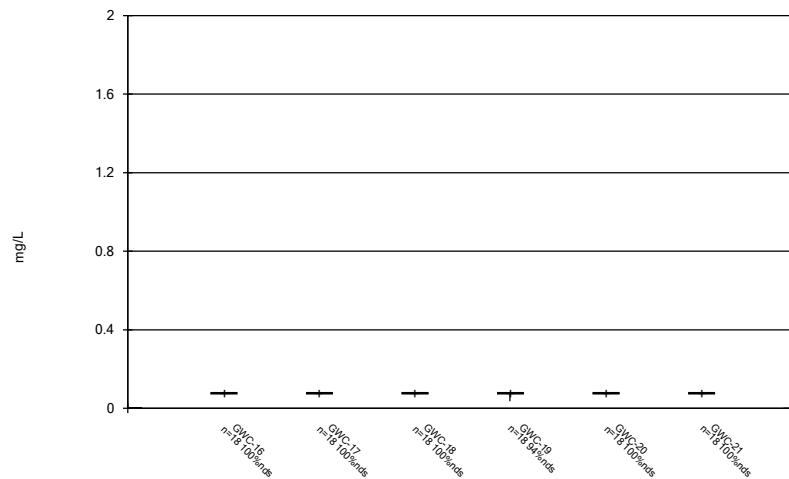
Constituent: Boron, total Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



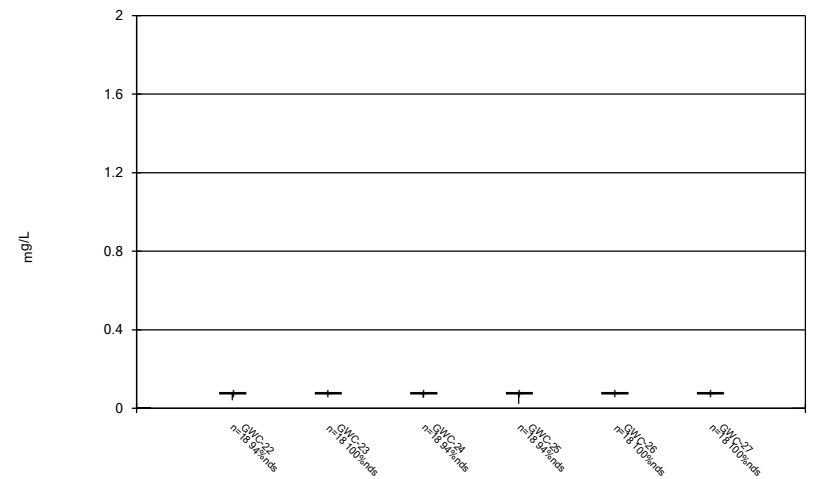
Constituent: Boron, total Analysis Run 4/24/2021 11:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



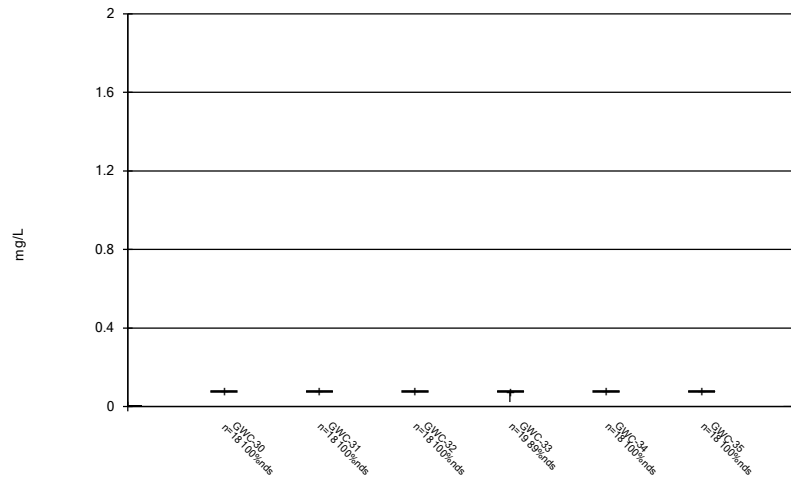
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



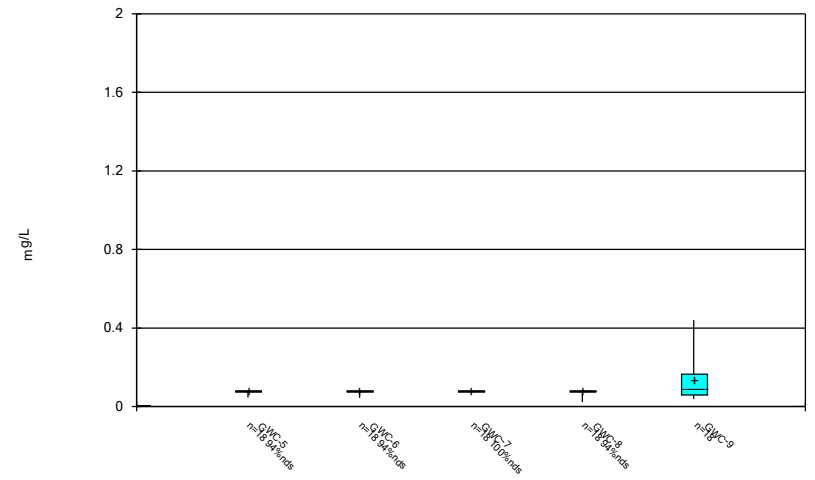
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



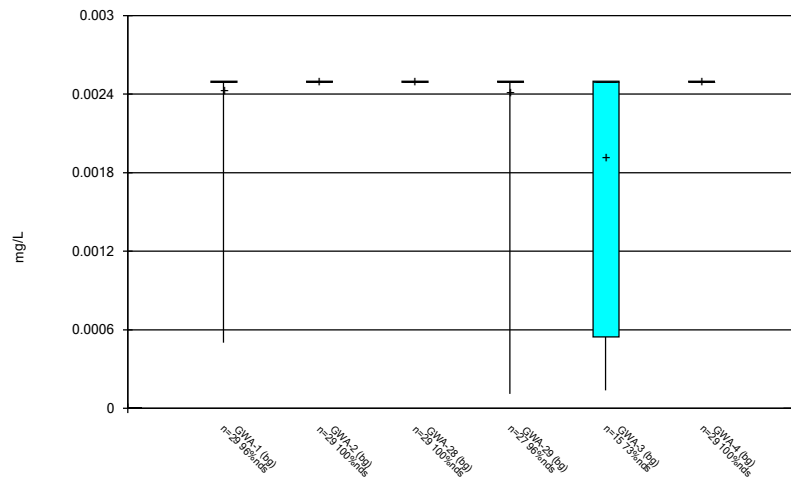
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



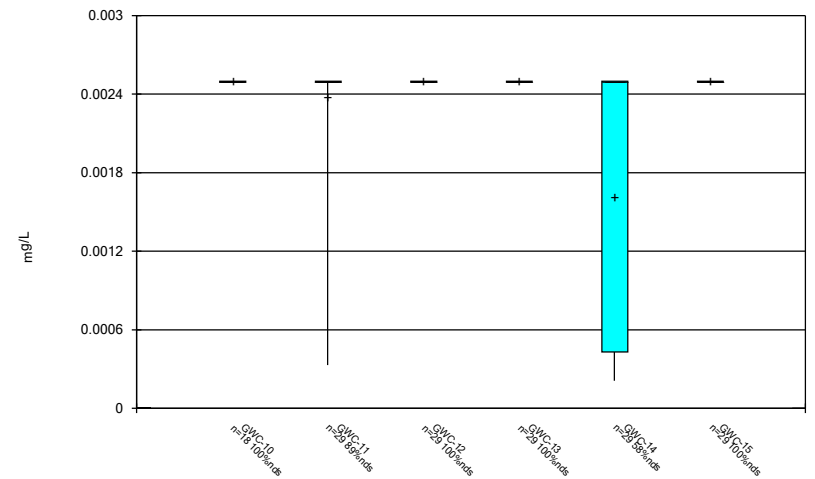
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



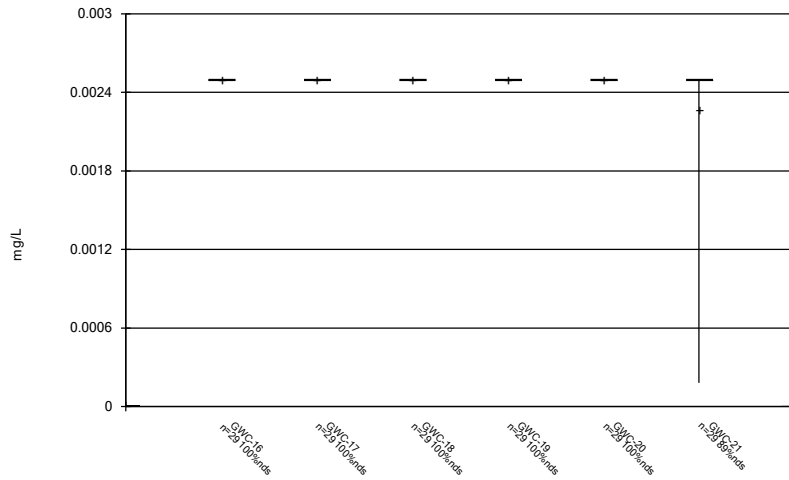
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Box & Whiskers Plot



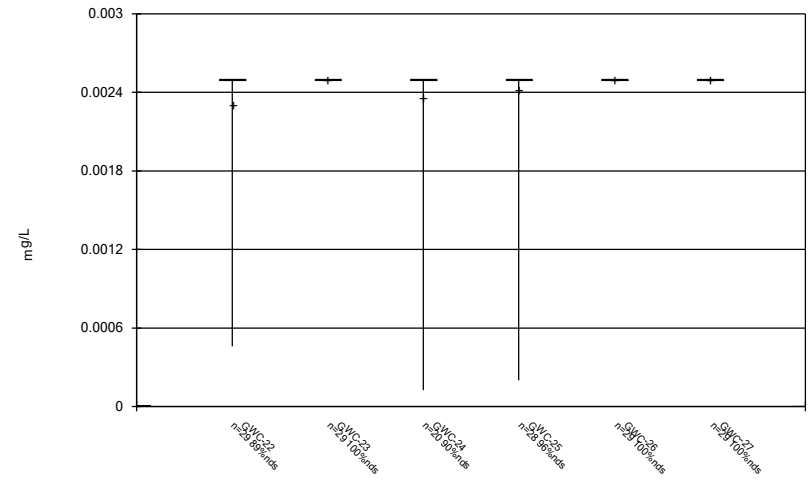
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Box & Whiskers Plot



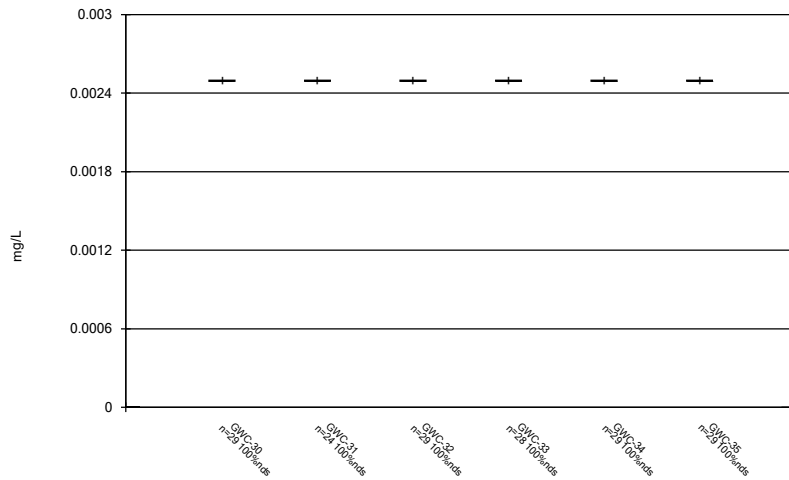
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Box & Whiskers Plot



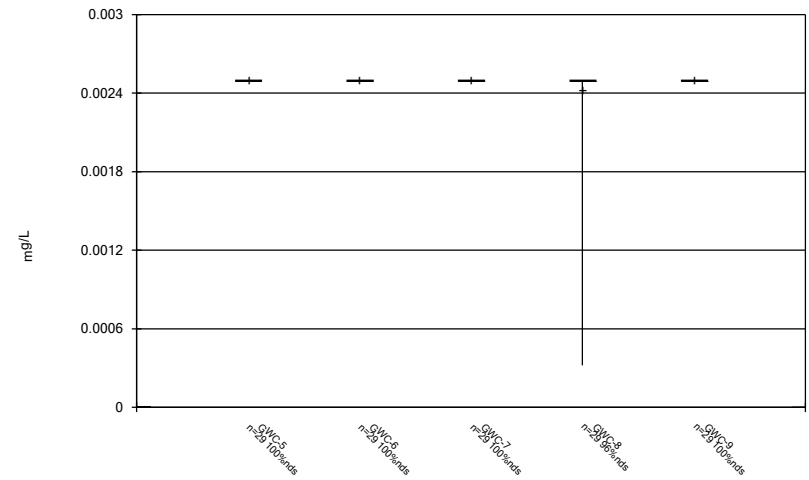
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Box & Whiskers Plot



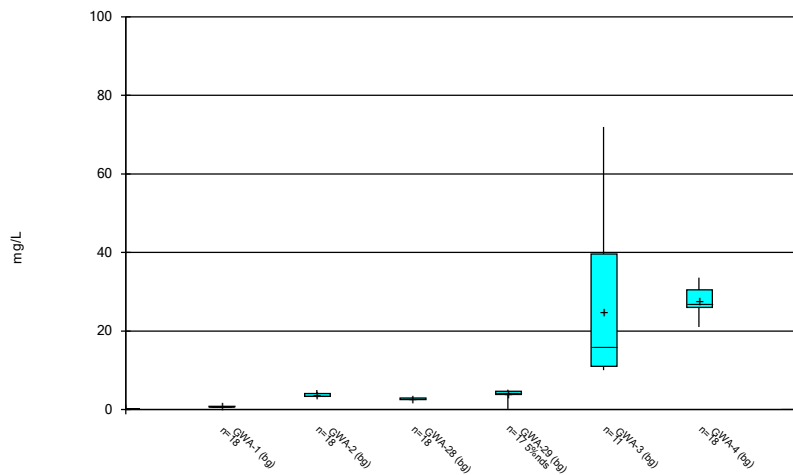
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Box & Whiskers Plot



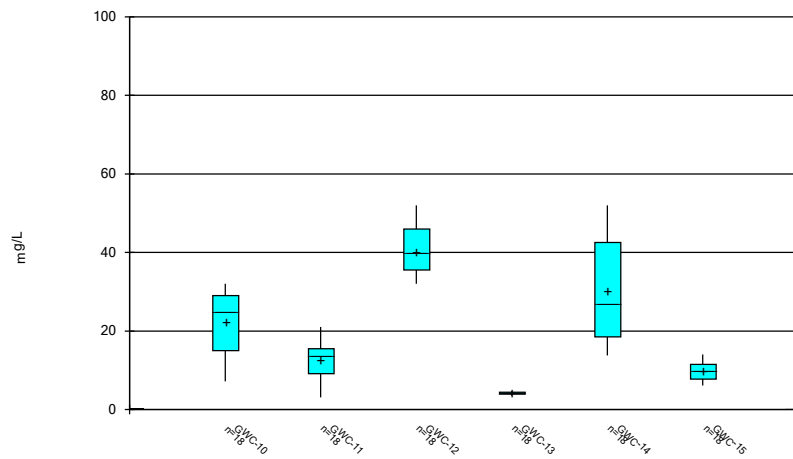
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Box & Whiskers Plot



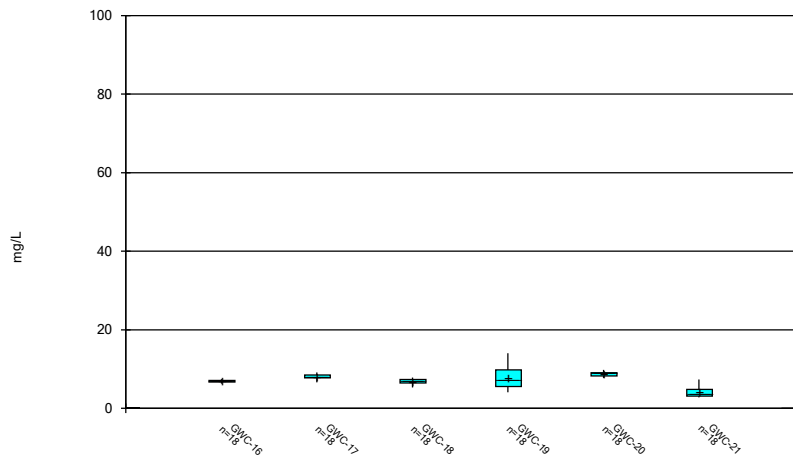
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Box & Whiskers Plot



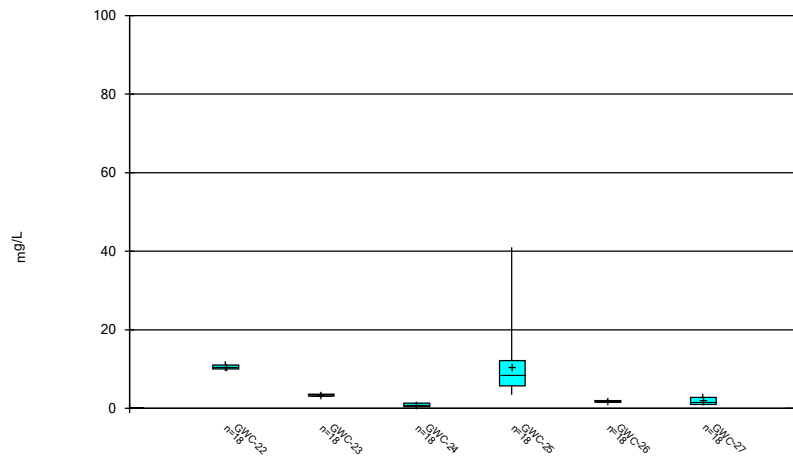
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Box & Whiskers Plot



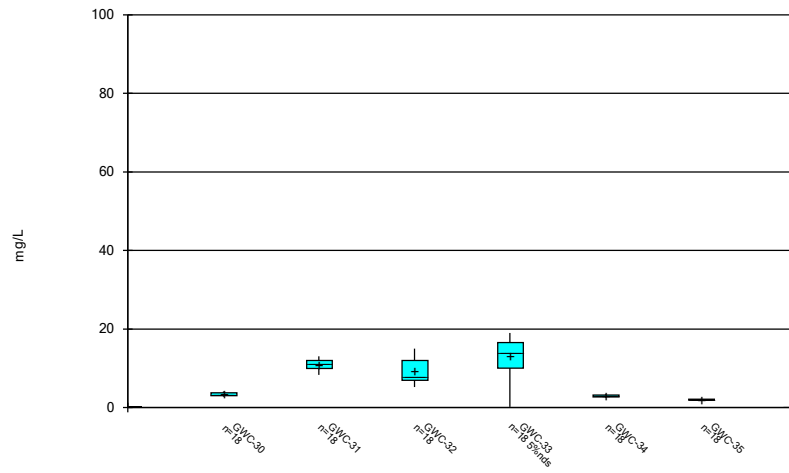
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Box & Whiskers Plot



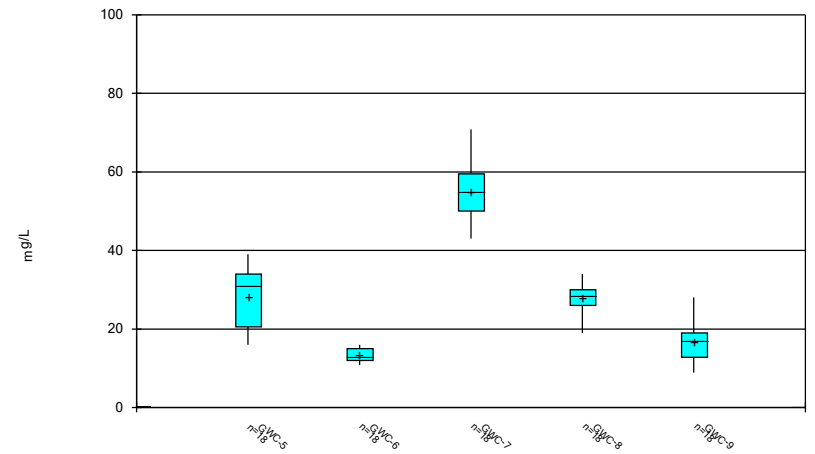
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



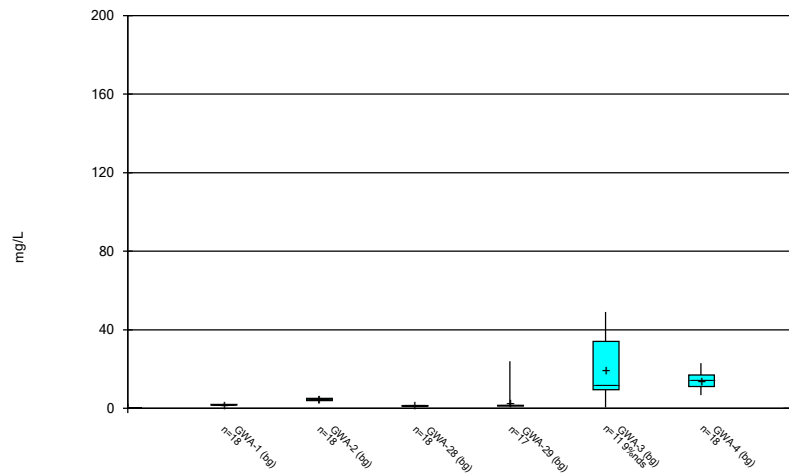
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Box & Whiskers Plot



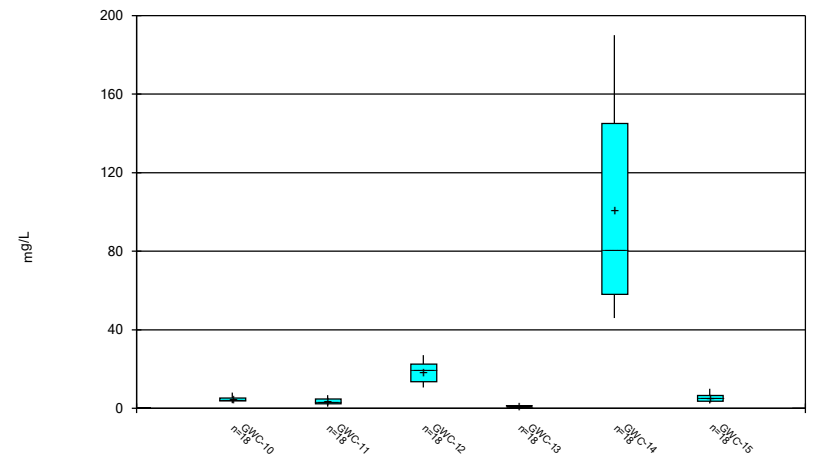
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Box & Whiskers Plot



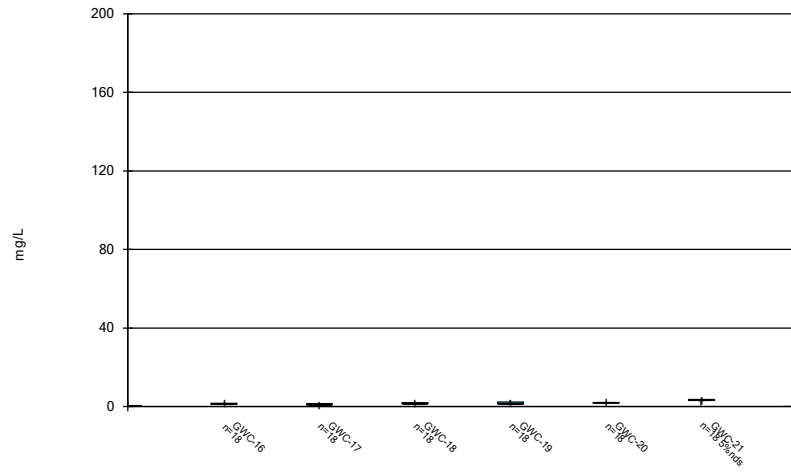
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Box & Whiskers Plot



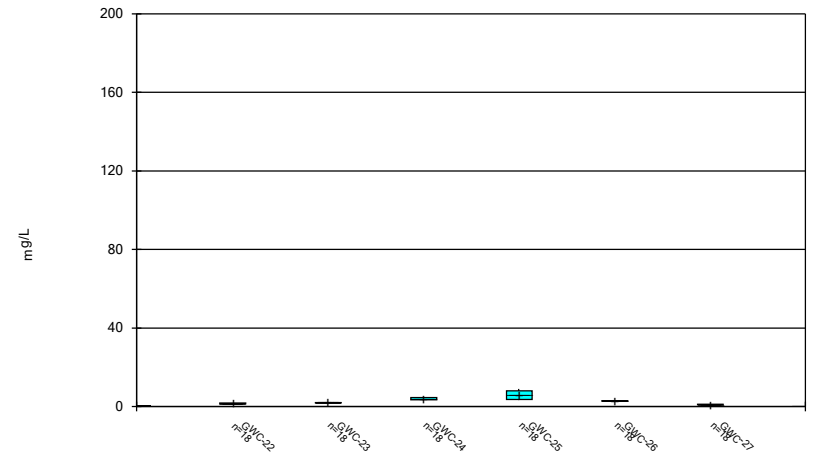
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Box & Whiskers Plot



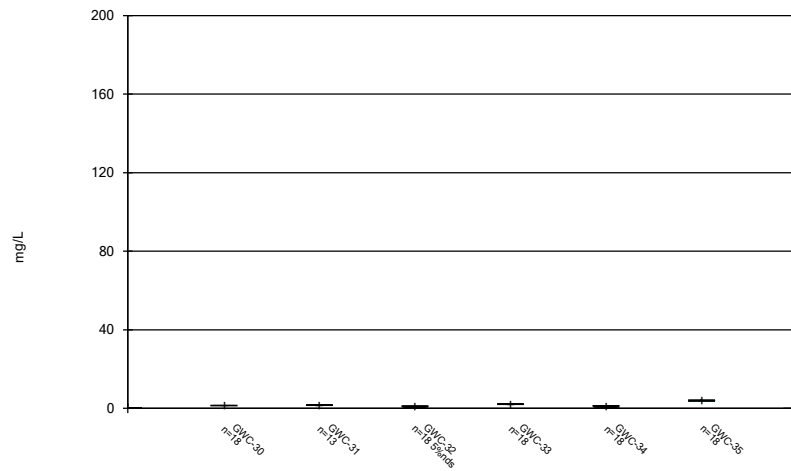
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Box & Whiskers Plot



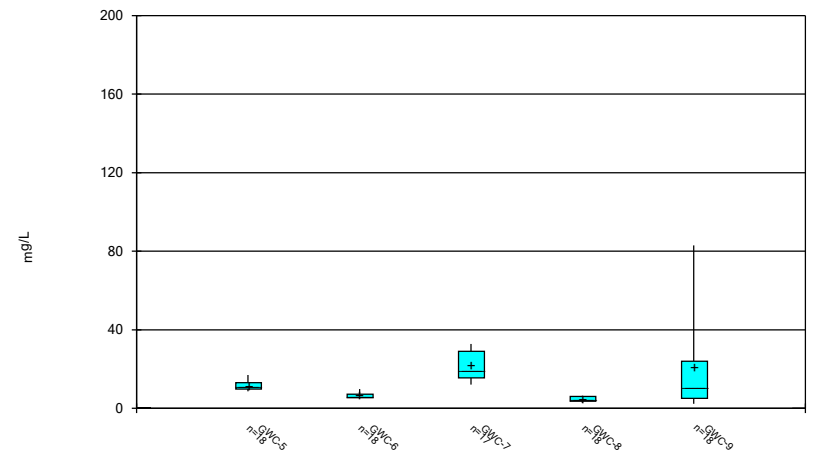
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Box & Whiskers Plot



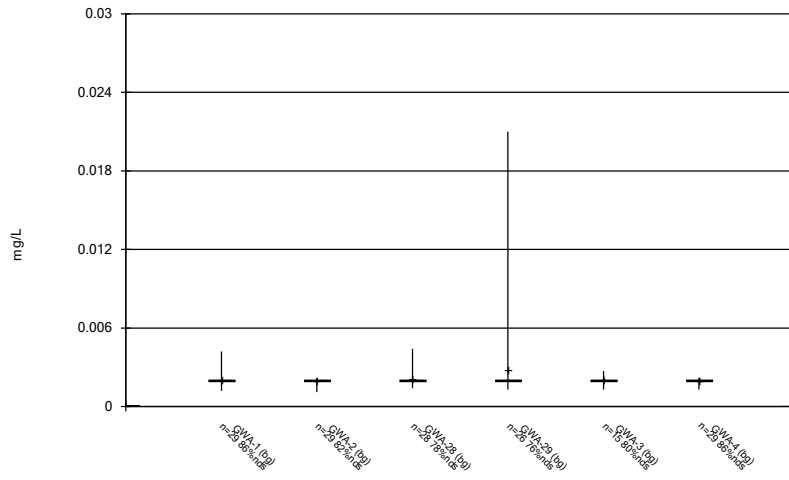
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Box & Whiskers Plot



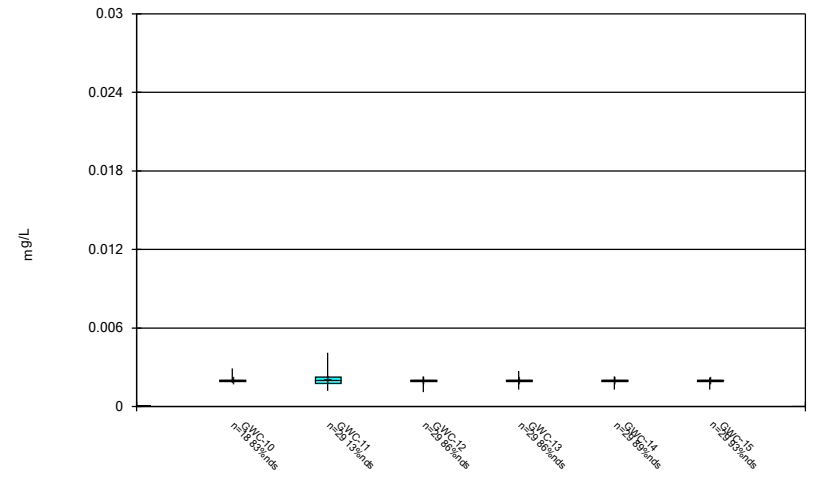
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Box & Whiskers Plot



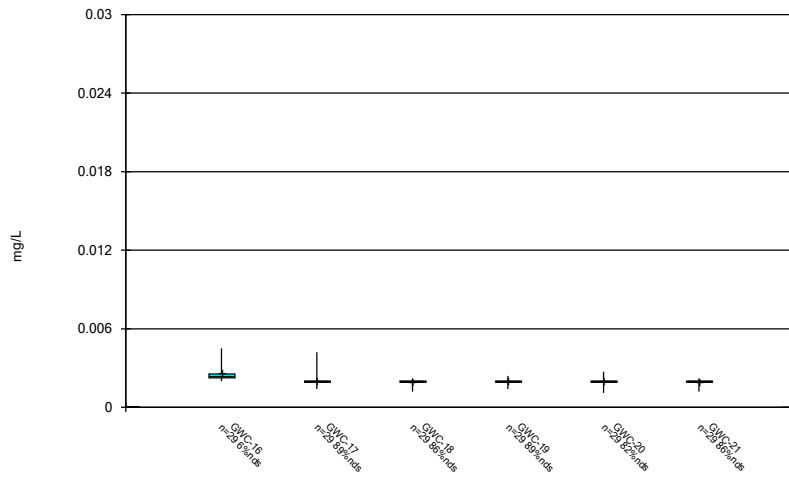
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Box & Whiskers Plot



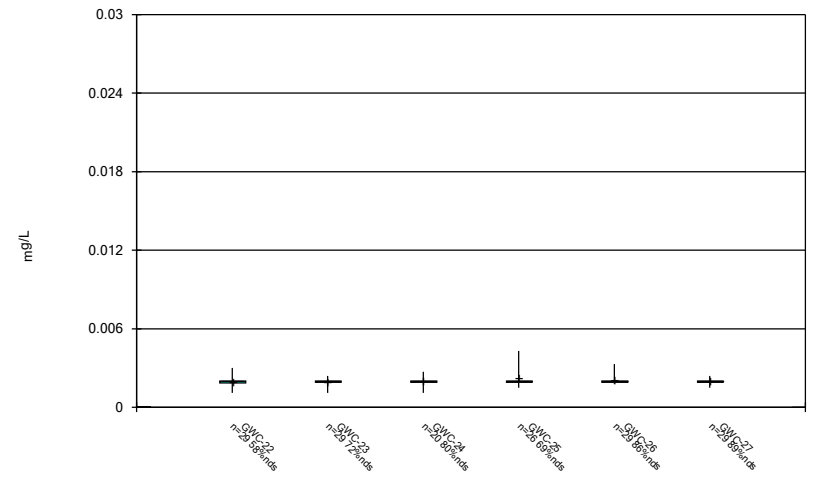
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Box & Whiskers Plot



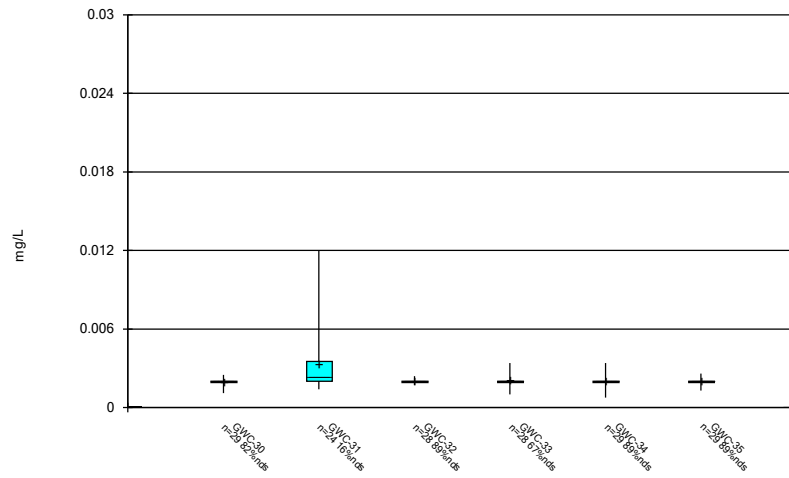
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Box & Whiskers Plot



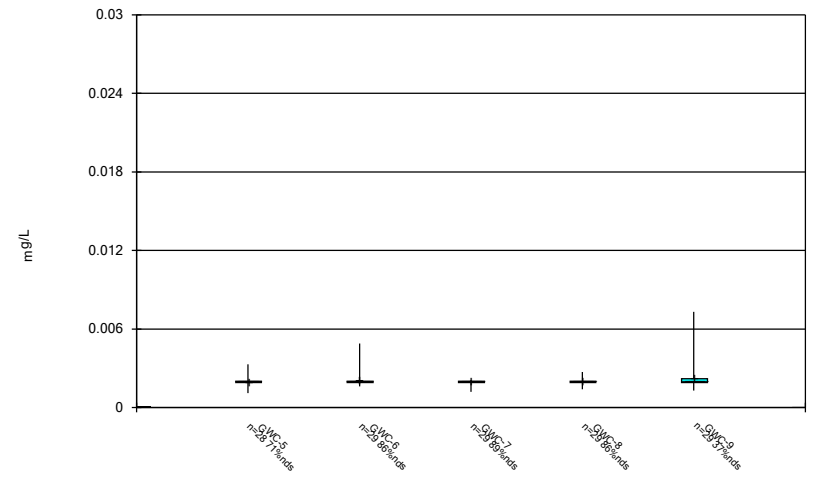
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Box & Whiskers Plot



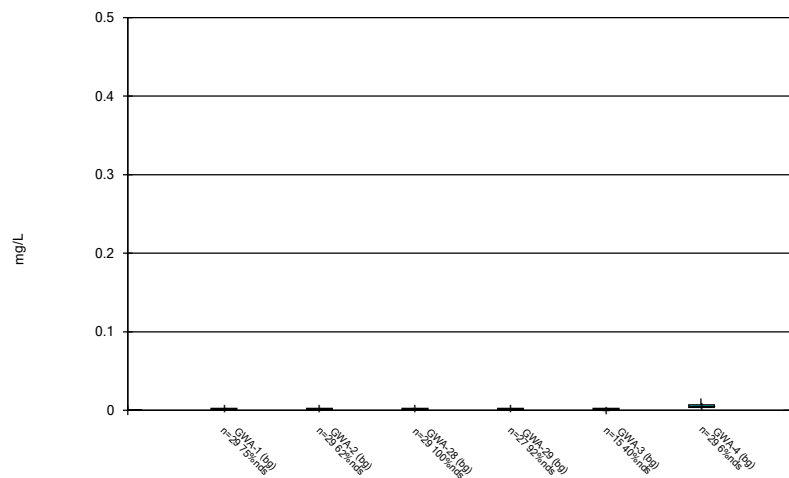
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



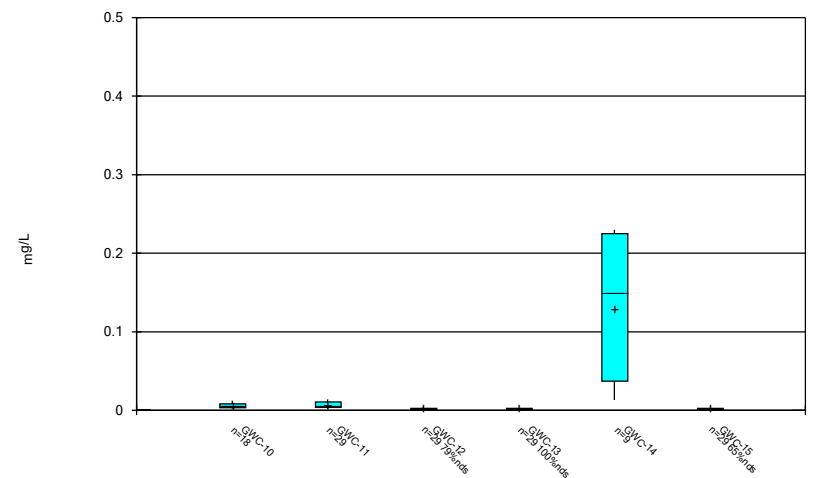
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



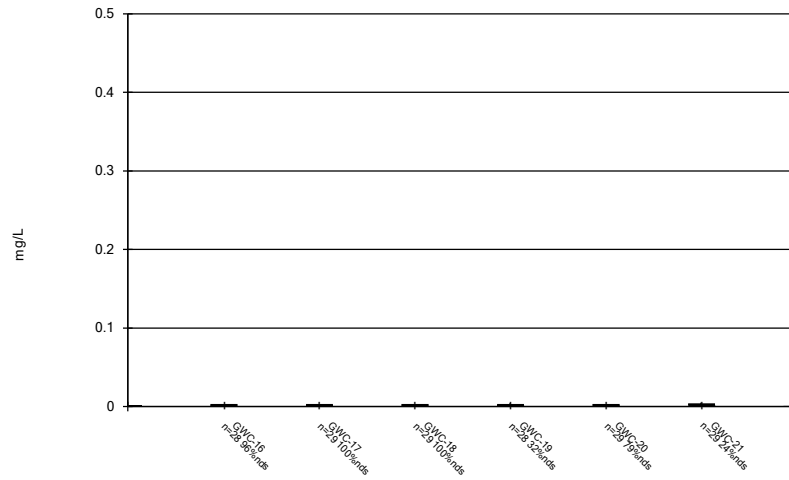
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Box & Whiskers Plot



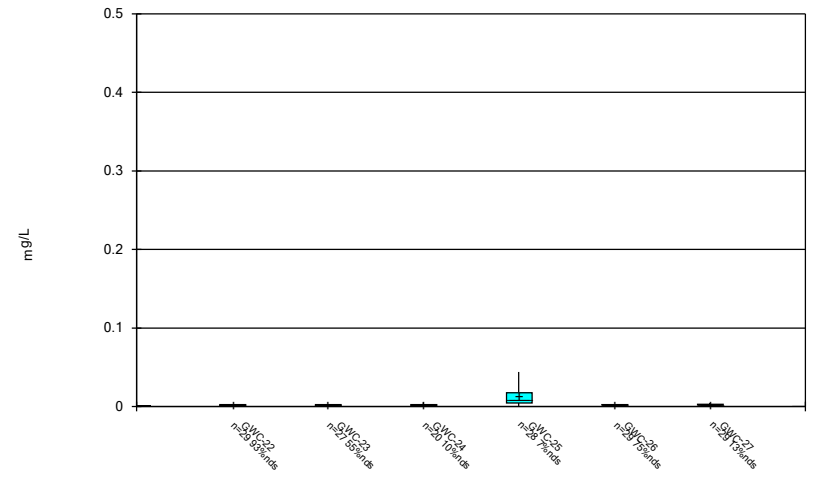
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Box & Whiskers Plot



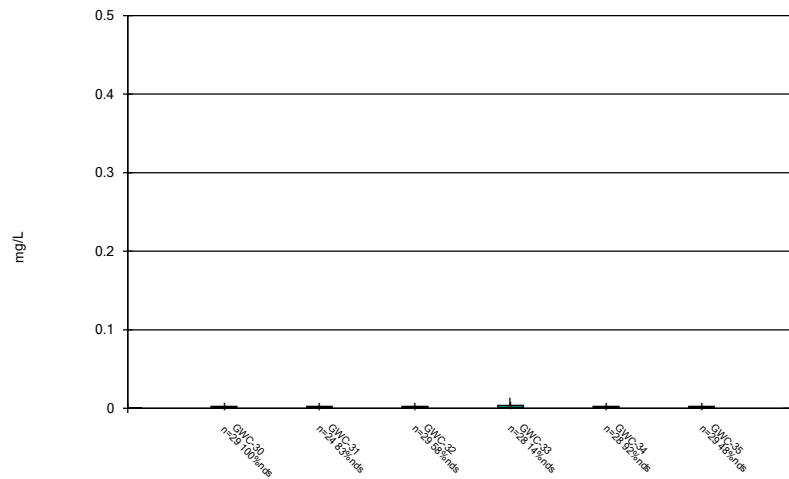
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Box & Whiskers Plot



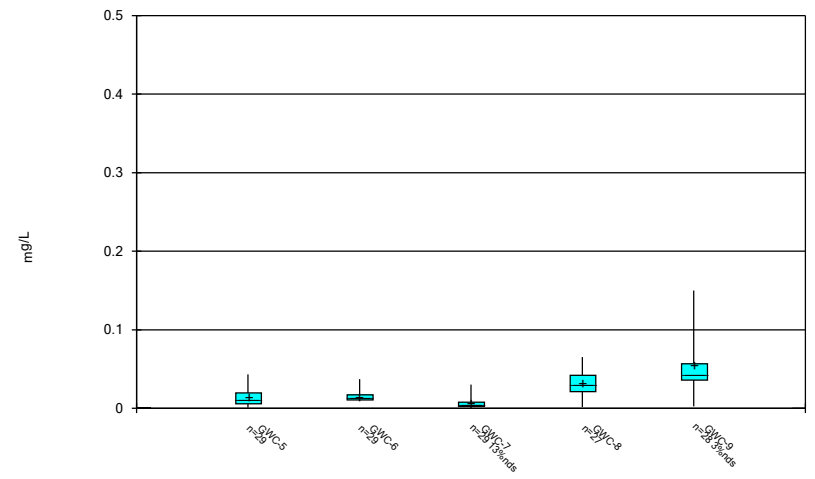
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Box & Whiskers Plot



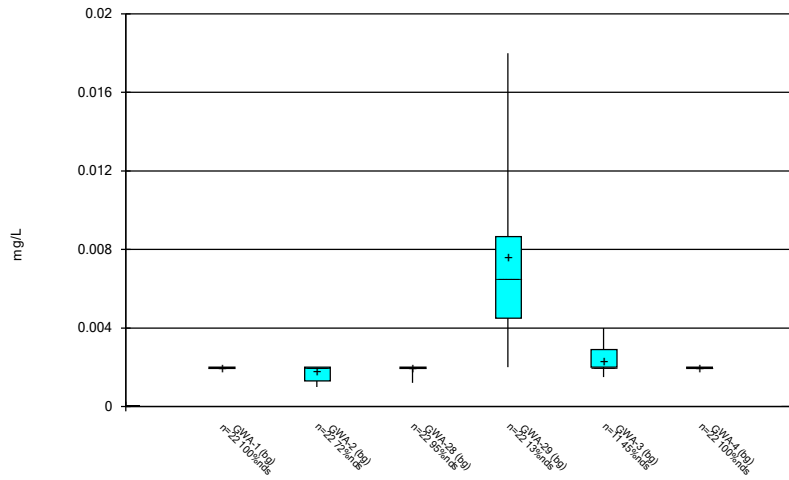
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Box & Whiskers Plot



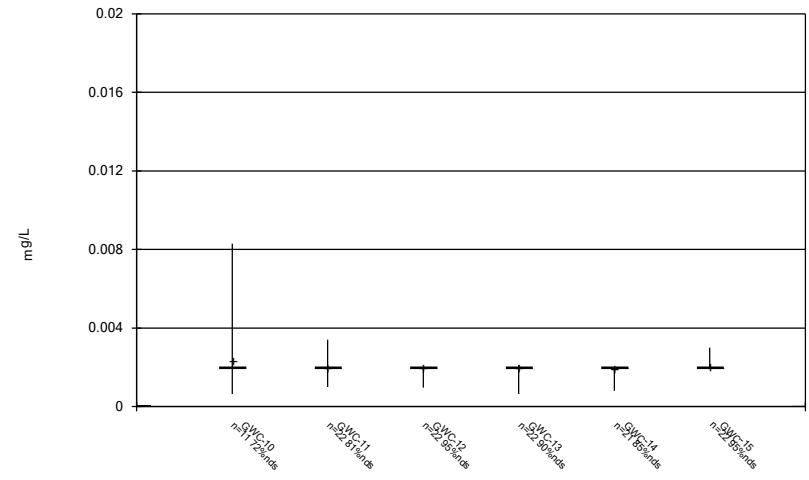
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Box & Whiskers Plot



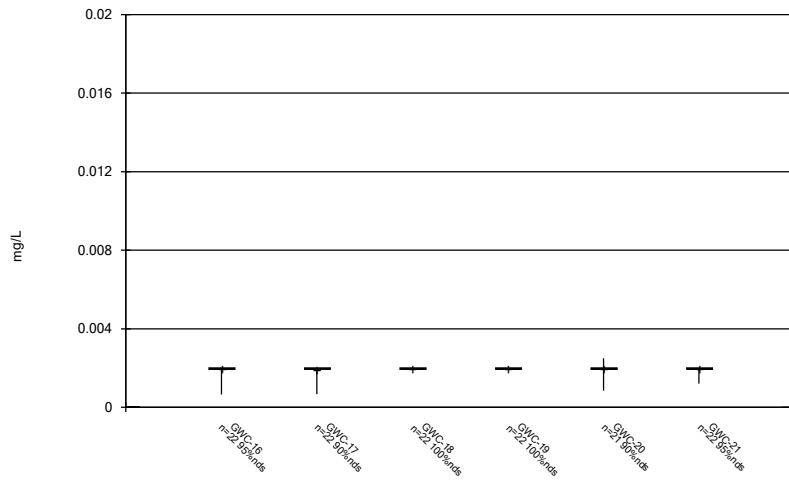
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Box & Whiskers Plot



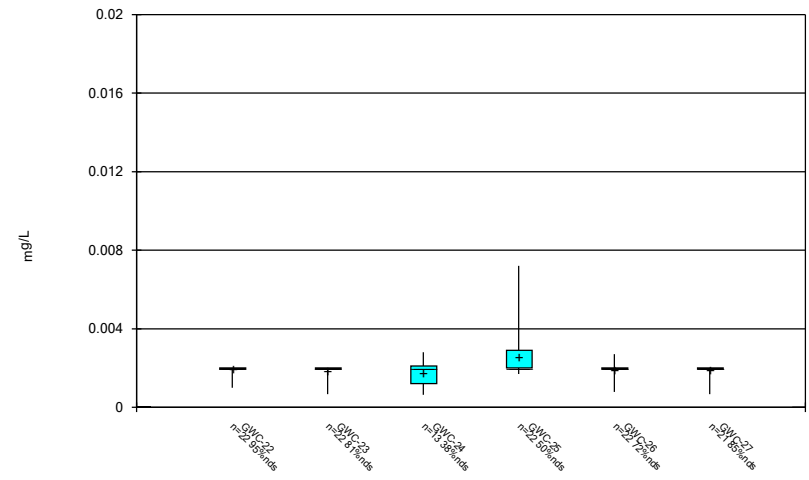
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Box & Whiskers Plot



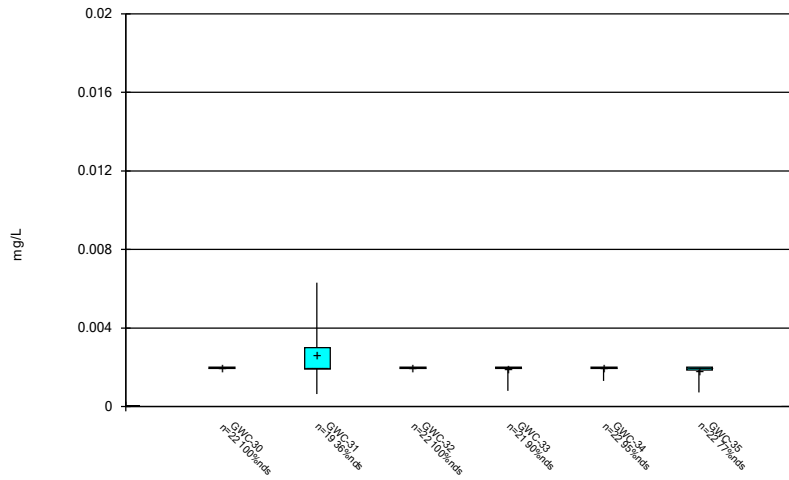
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Box & Whiskers Plot



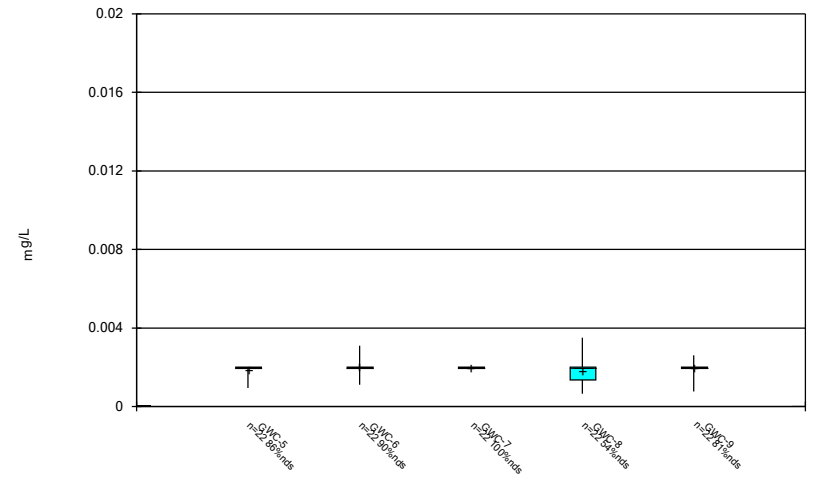
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Box & Whiskers Plot



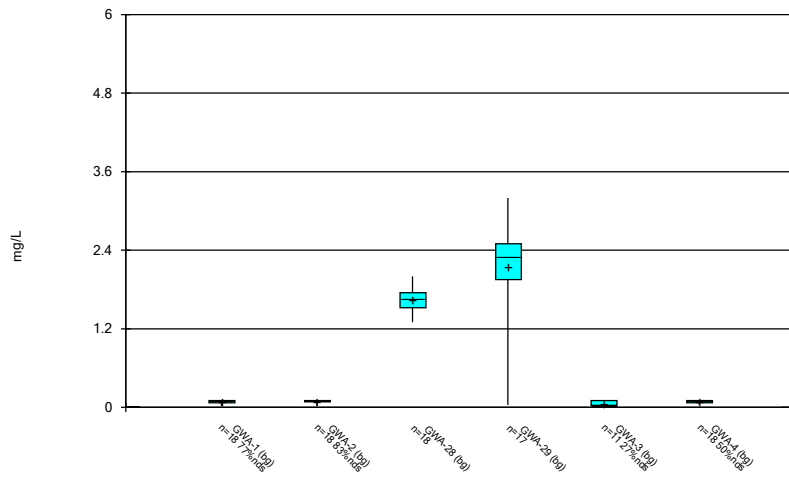
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Box & Whiskers Plot



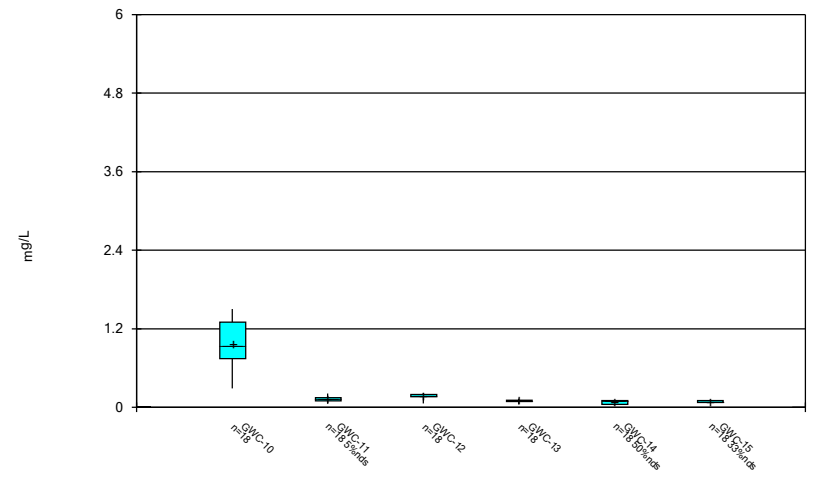
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Box & Whiskers Plot



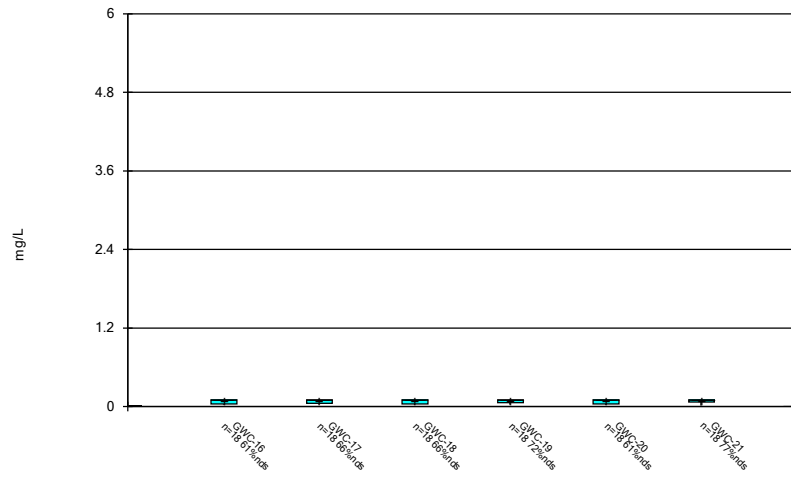
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Box & Whiskers Plot



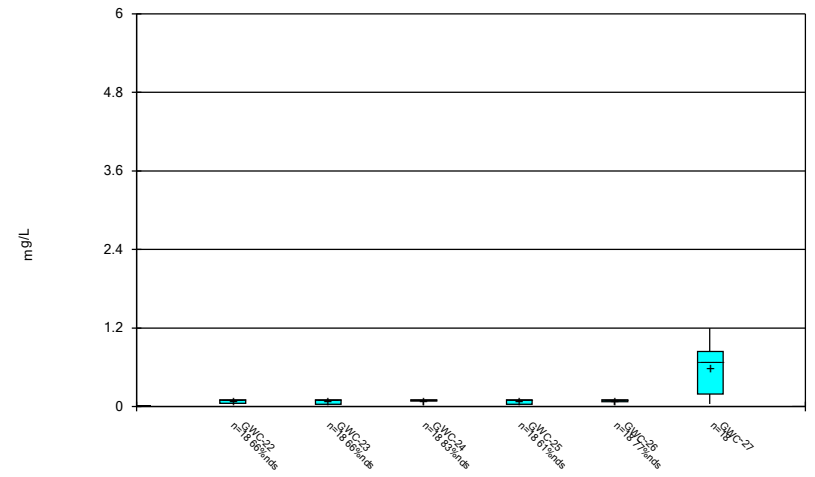
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Box & Whiskers Plot



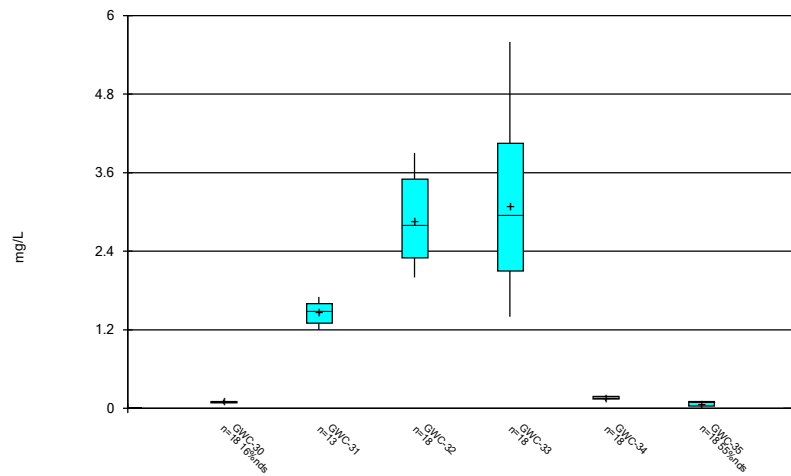
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Box & Whiskers Plot



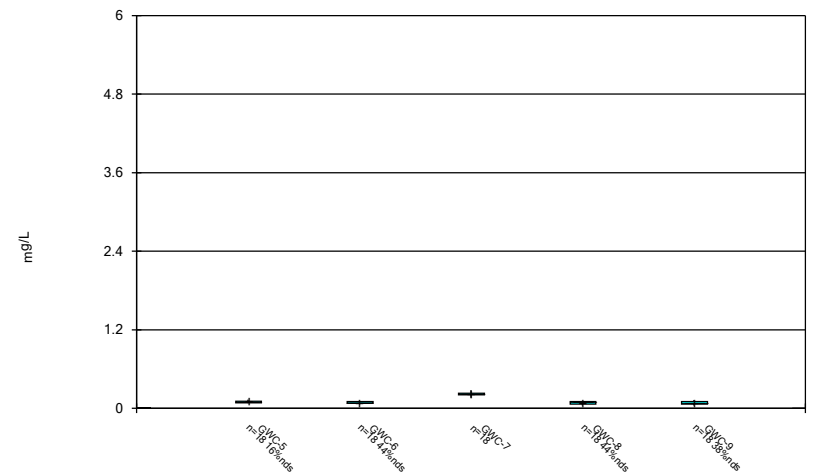
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Box & Whiskers Plot



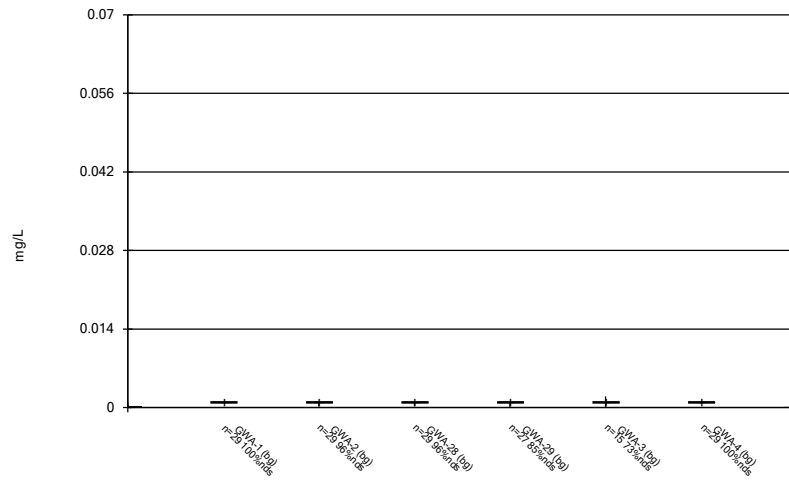
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



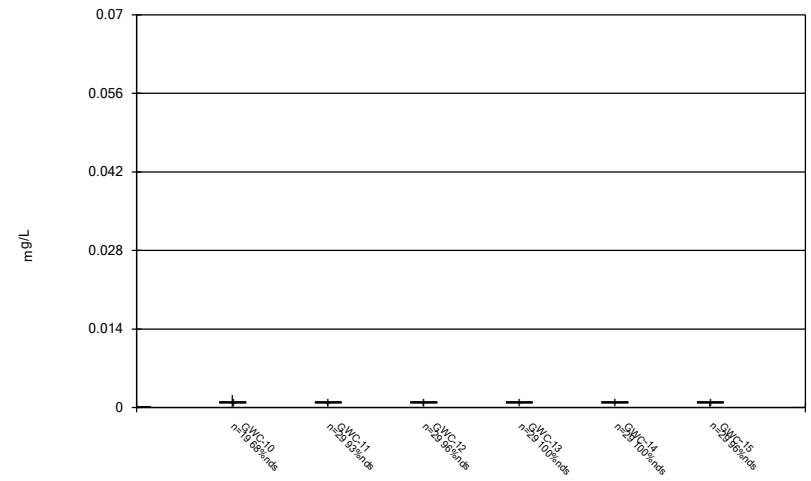
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Box & Whiskers Plot



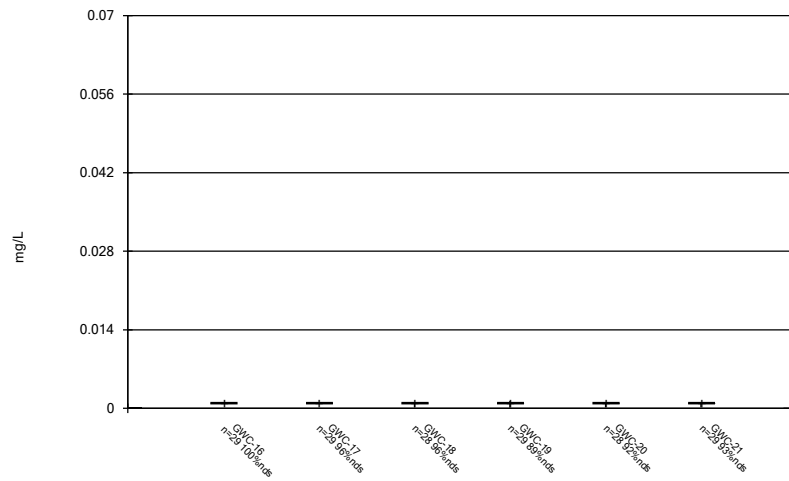
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Box & Whiskers Plot



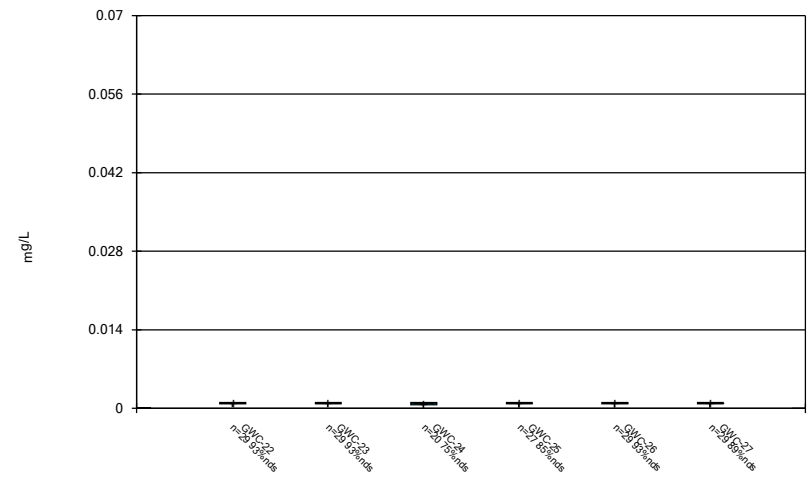
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Box & Whiskers Plot



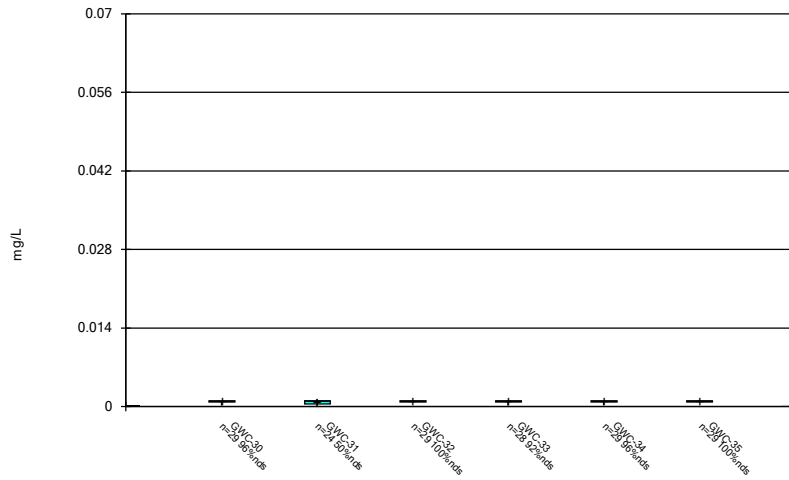
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Box & Whiskers Plot



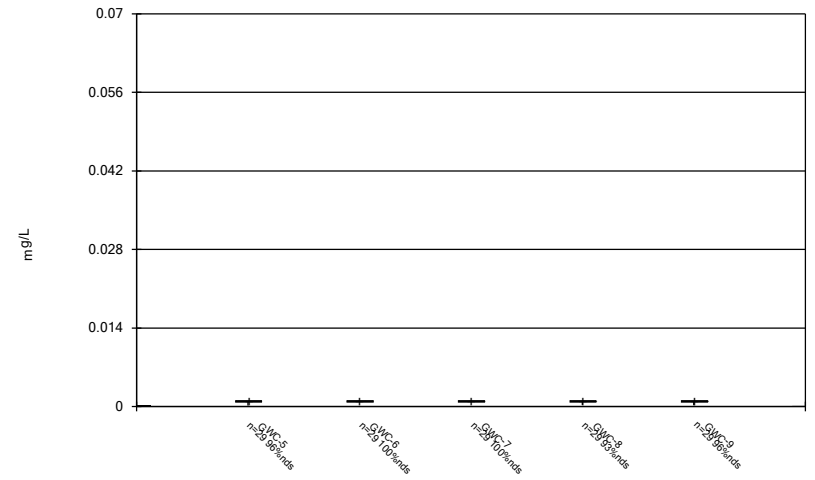
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Box & Whiskers Plot



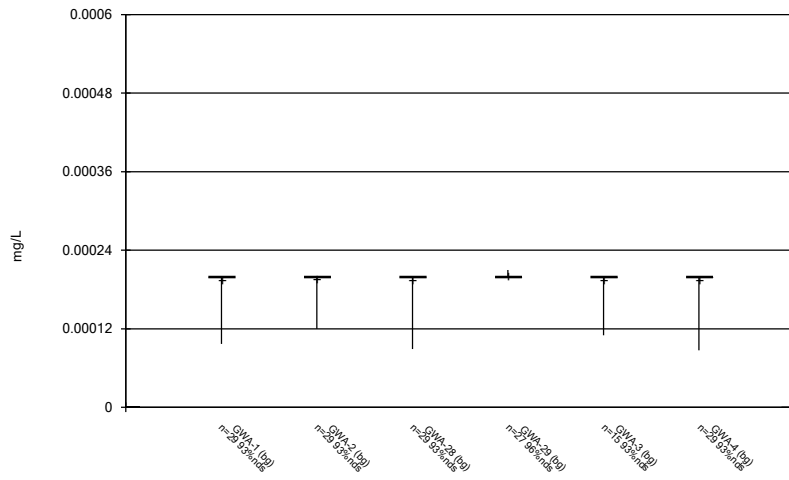
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Box & Whiskers Plot



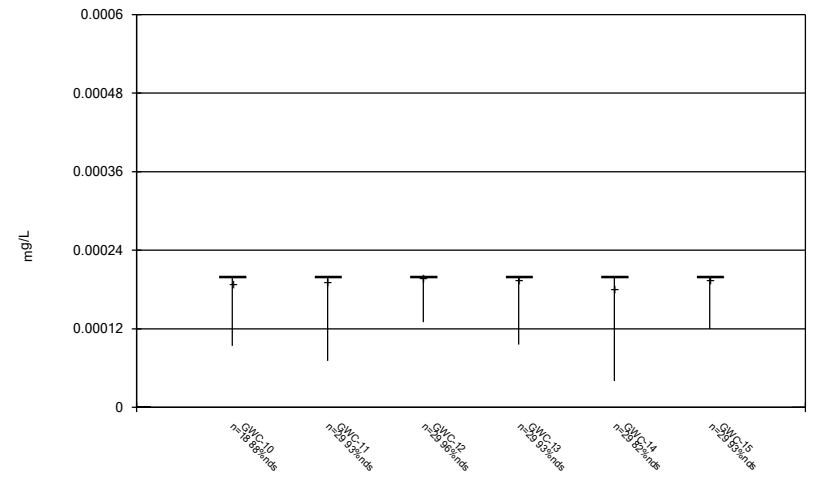
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



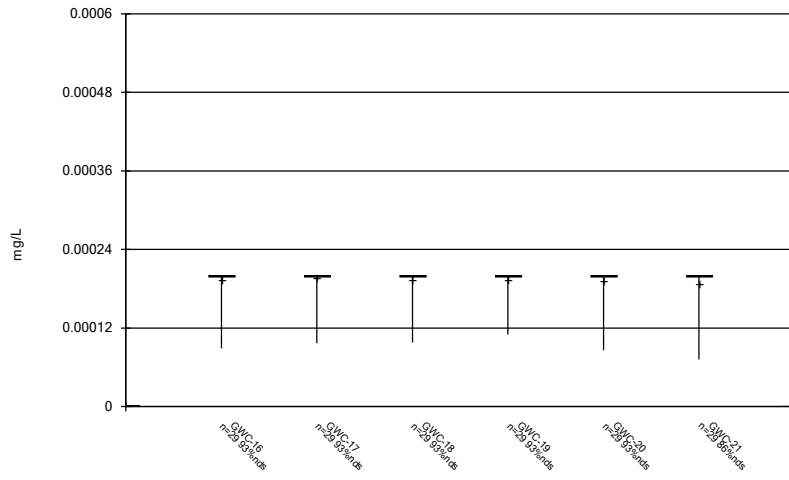
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



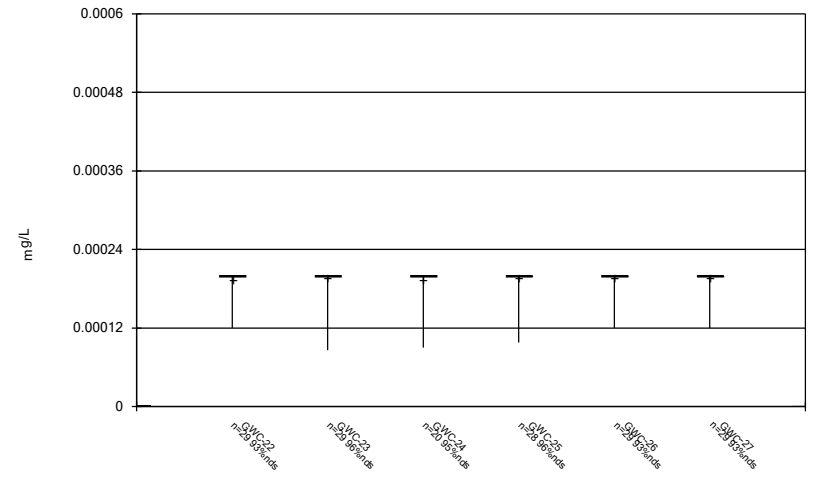
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



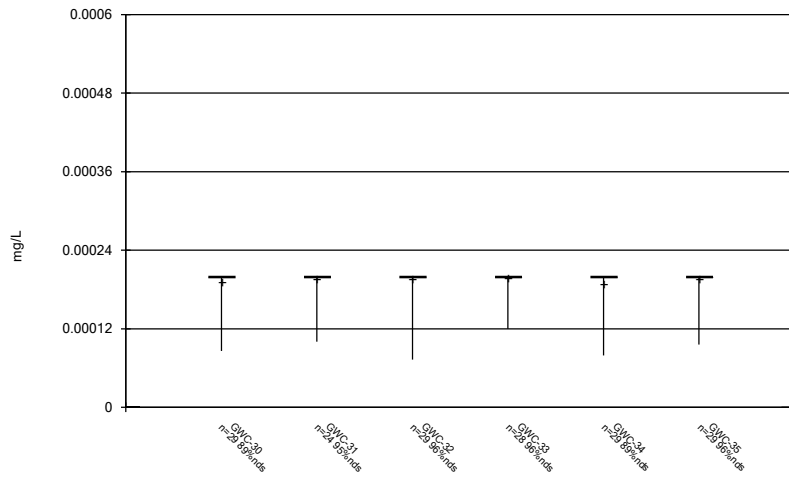
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Box & Whiskers Plot



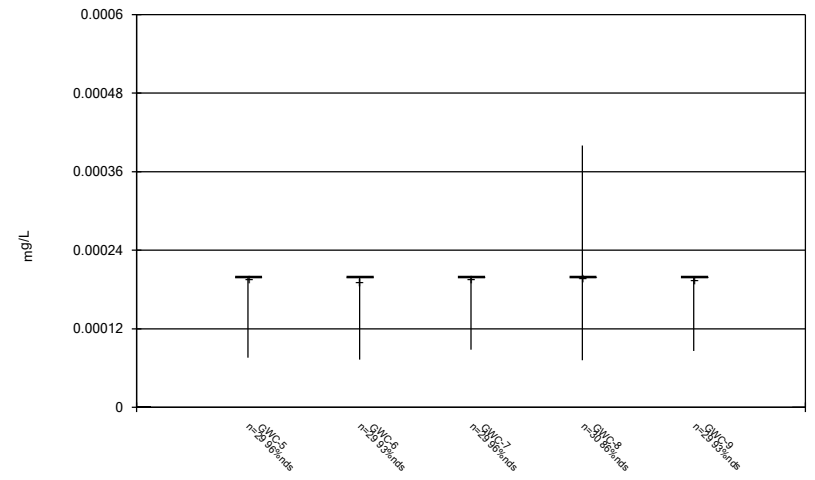
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Box & Whiskers Plot



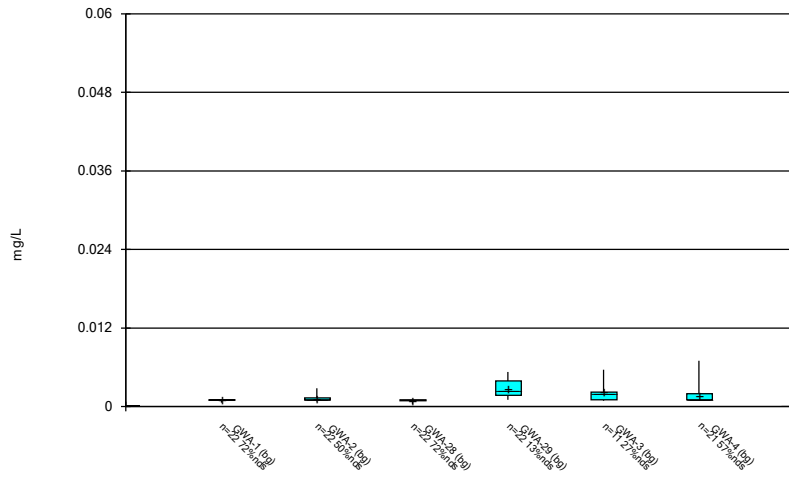
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



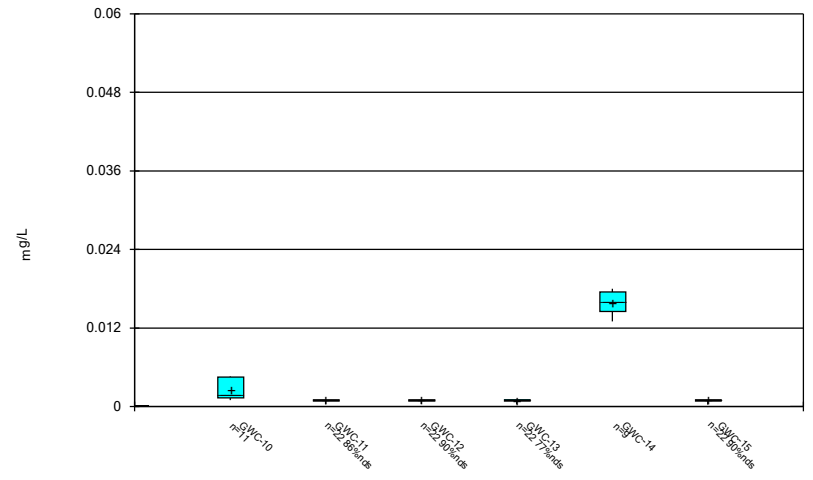
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



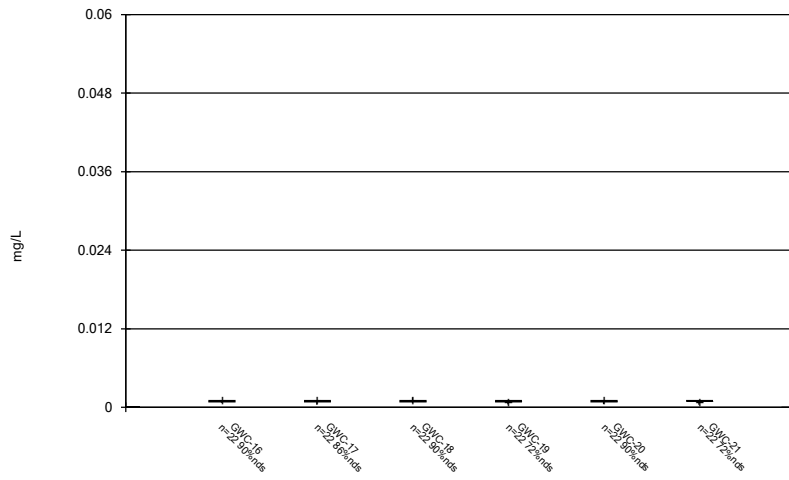
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



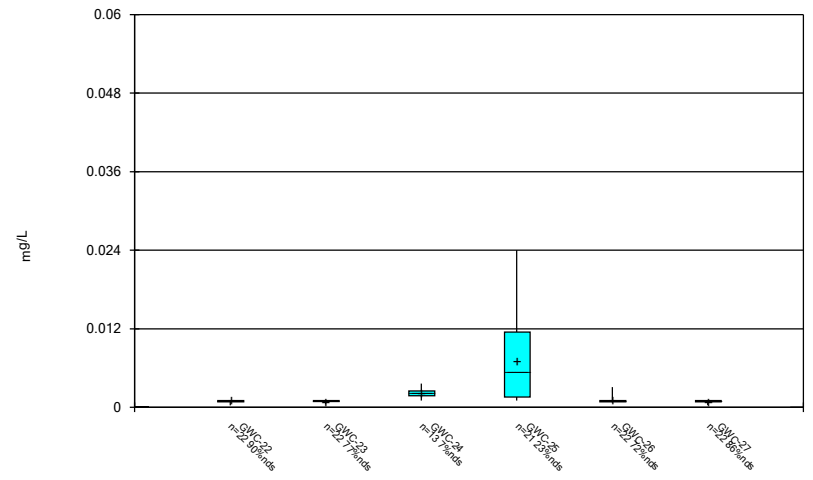
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Box & Whiskers Plot



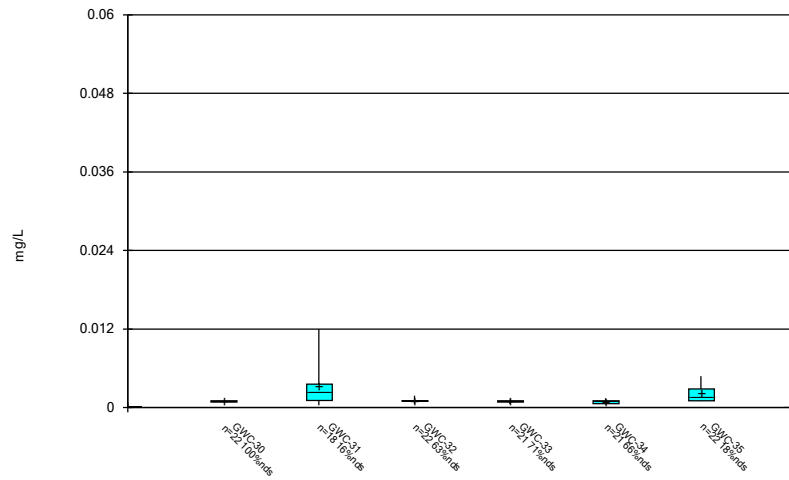
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



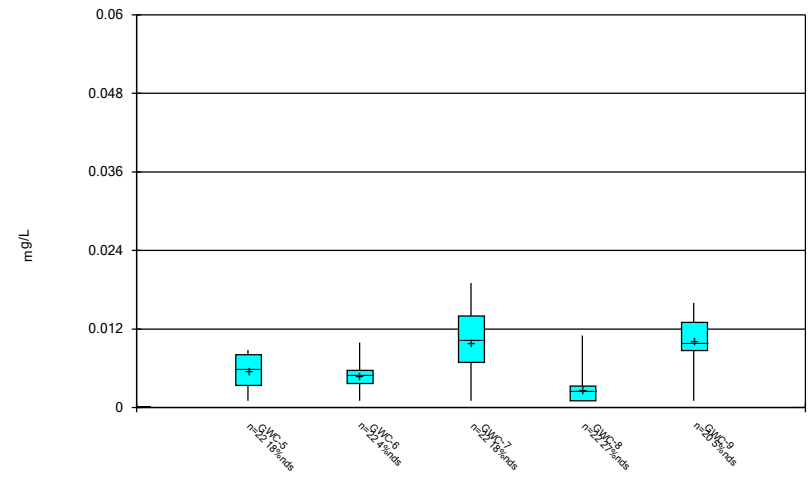
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



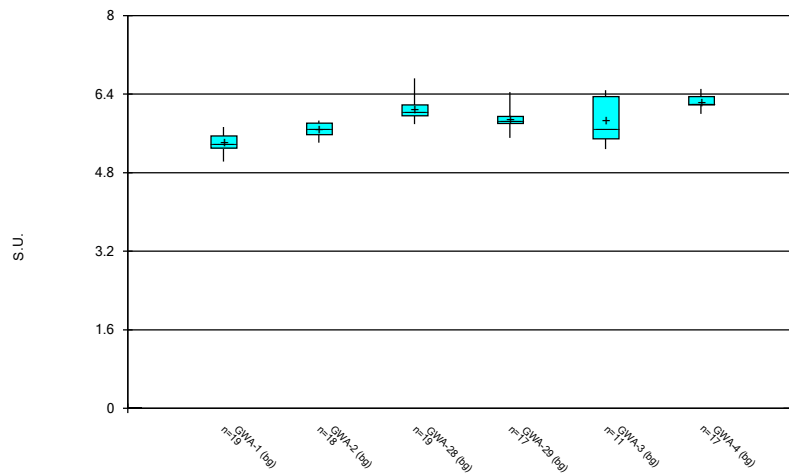
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



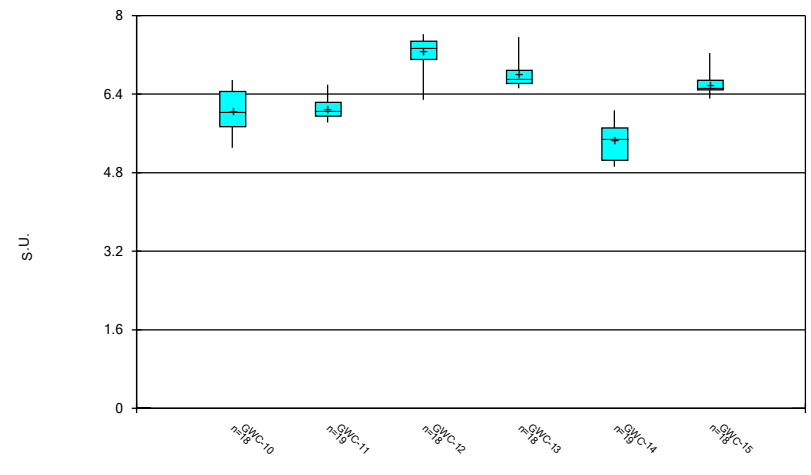
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



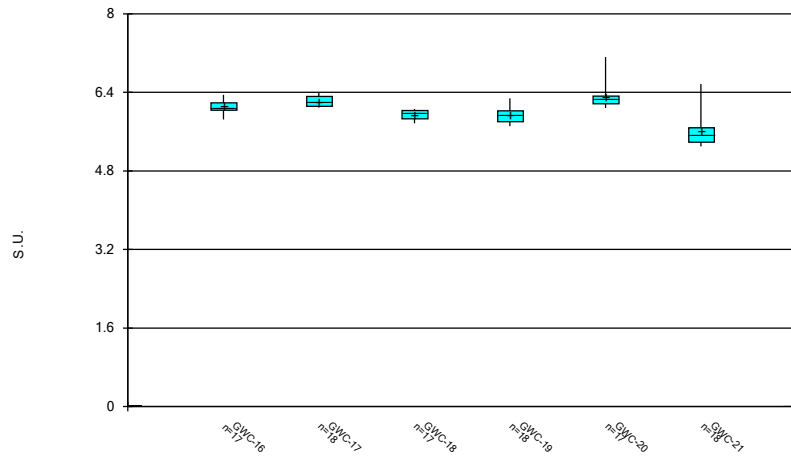
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



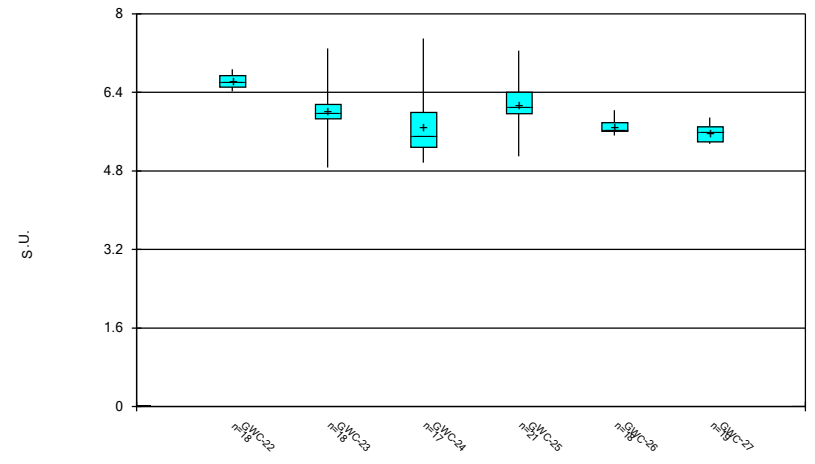
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Box & Whiskers Plot



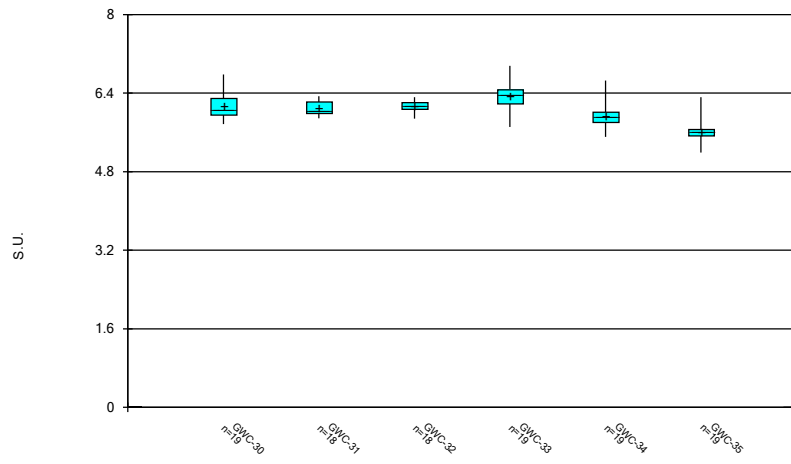
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Box & Whiskers Plot



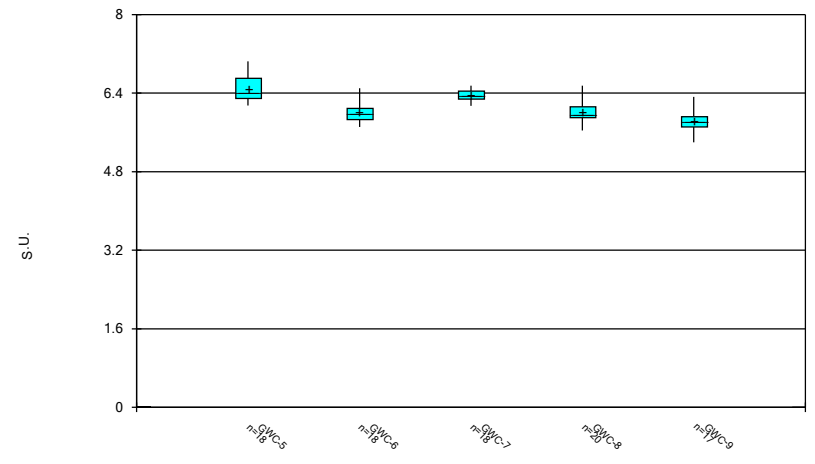
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Box & Whiskers Plot



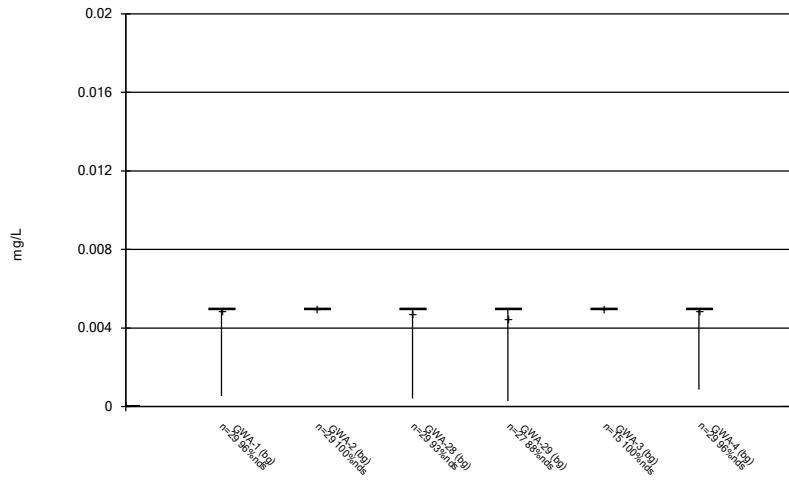
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Box & Whiskers Plot



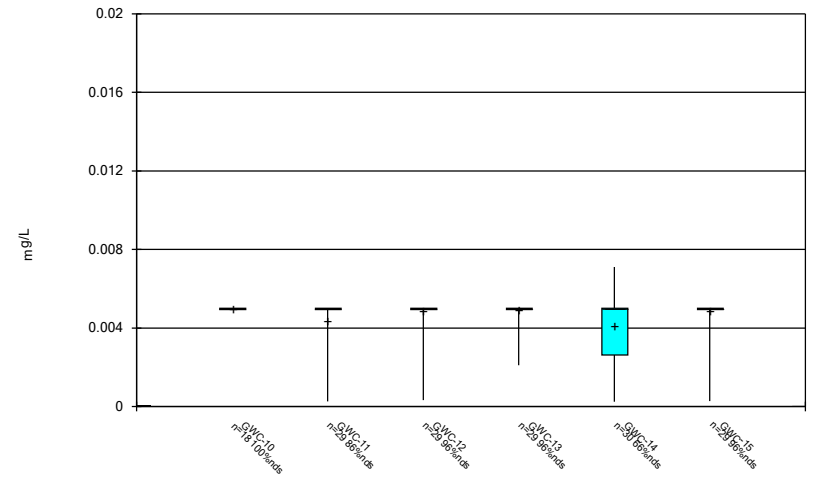
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Box & Whiskers Plot



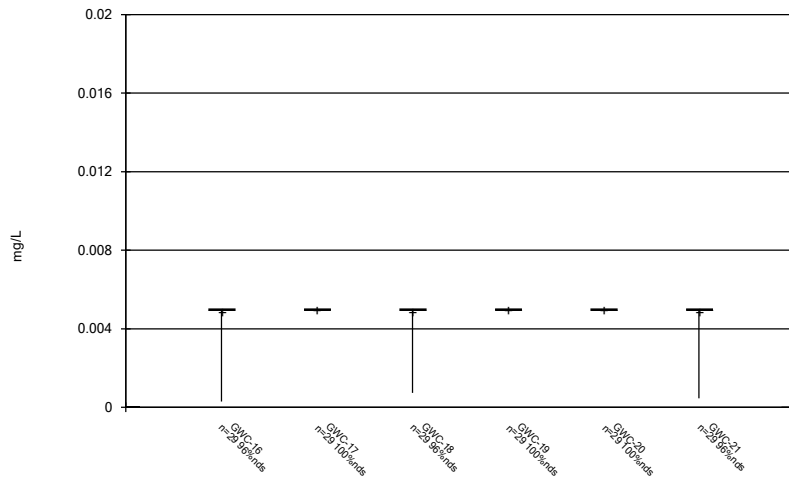
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Box & Whiskers Plot



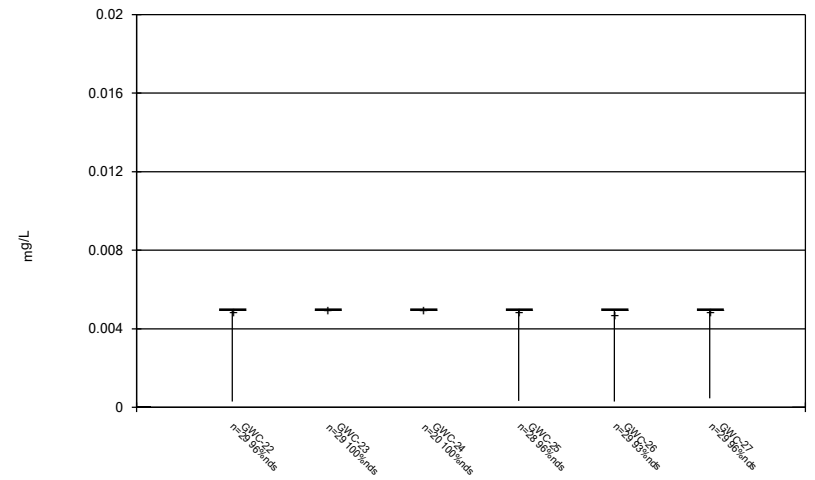
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Box & Whiskers Plot



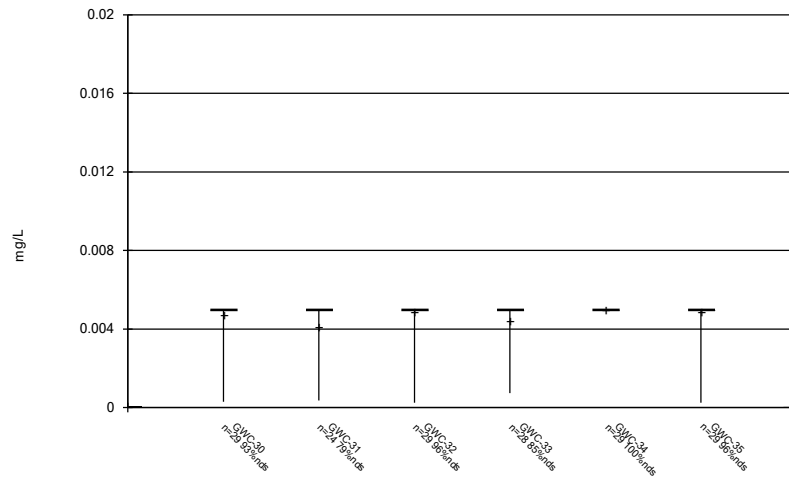
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Box & Whiskers Plot



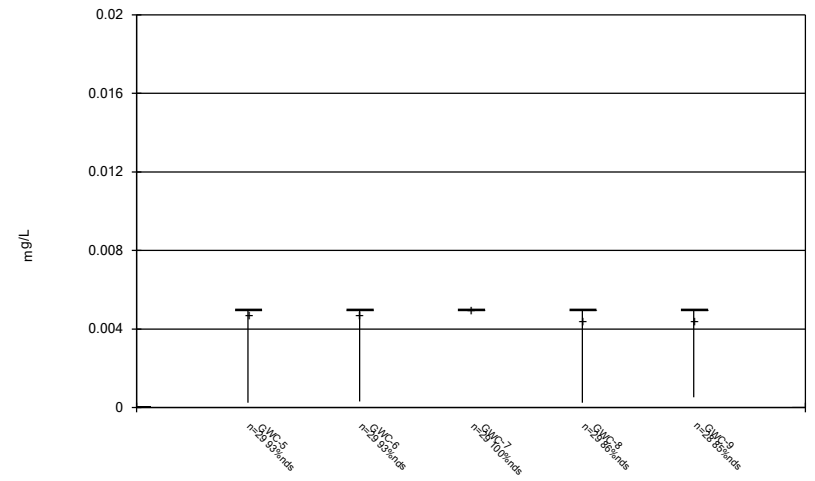
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Box & Whiskers Plot



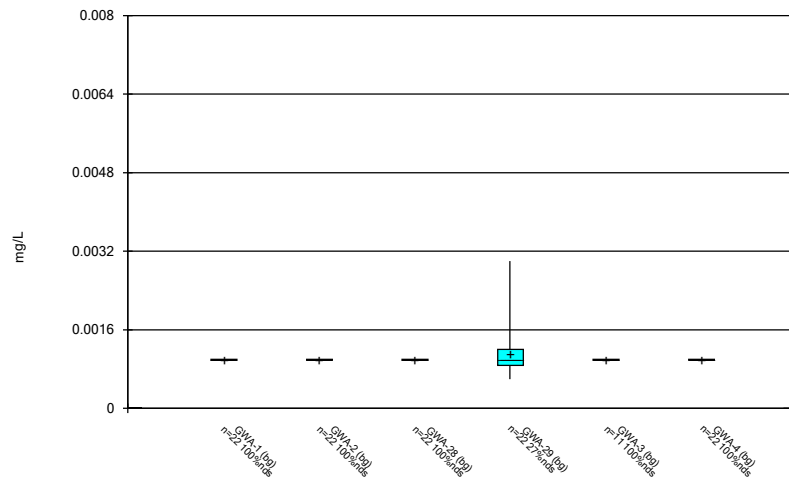
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



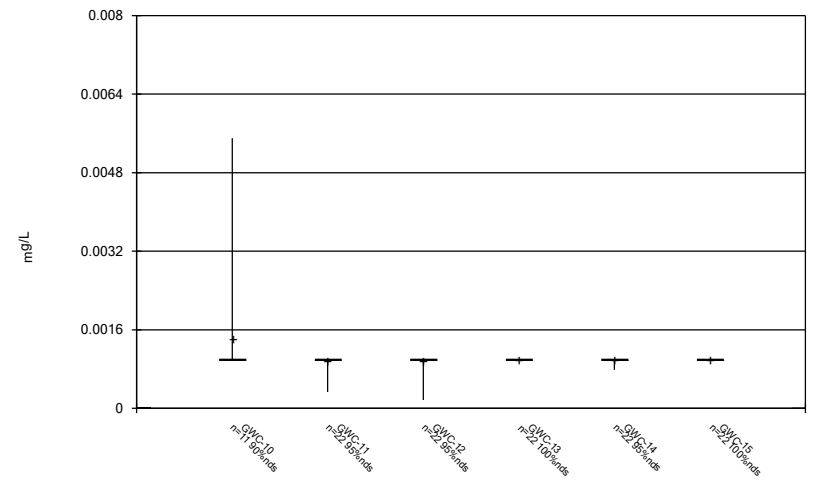
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



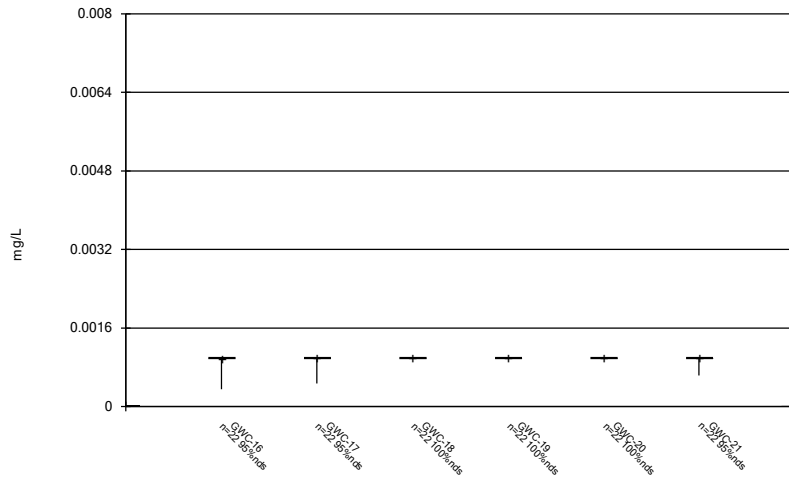
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Box & Whiskers Plot



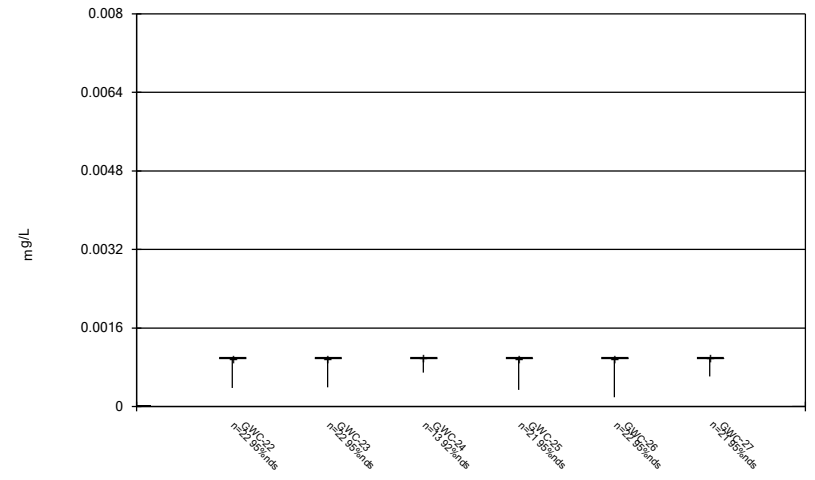
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Box & Whiskers Plot



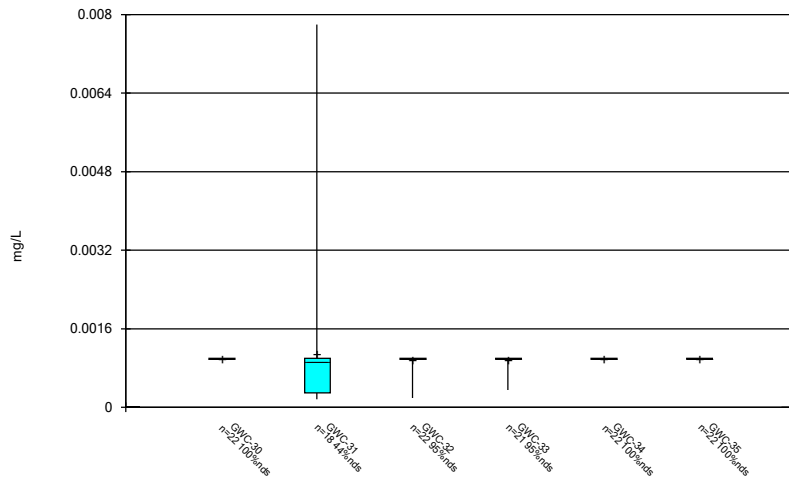
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



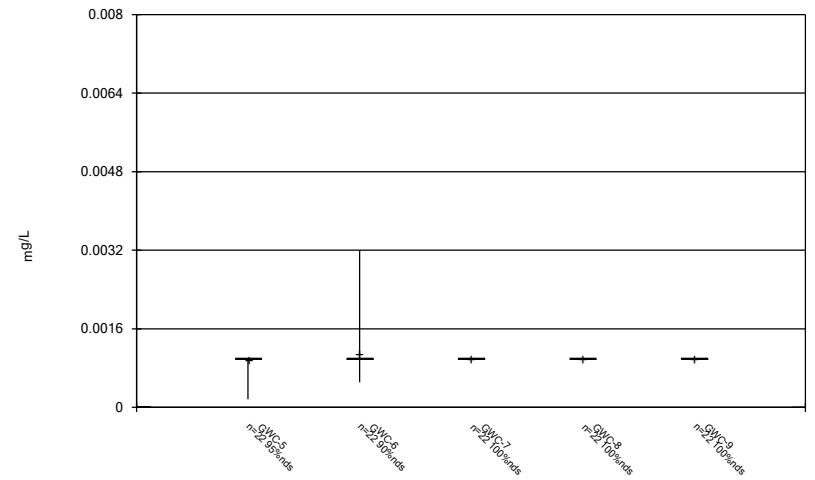
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



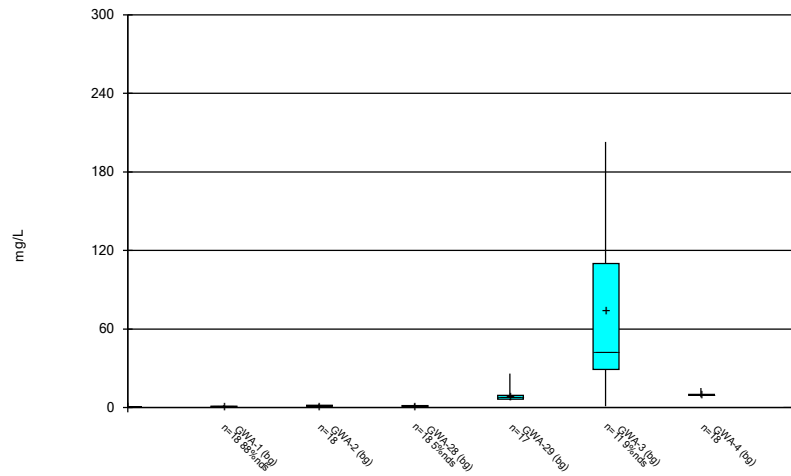
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



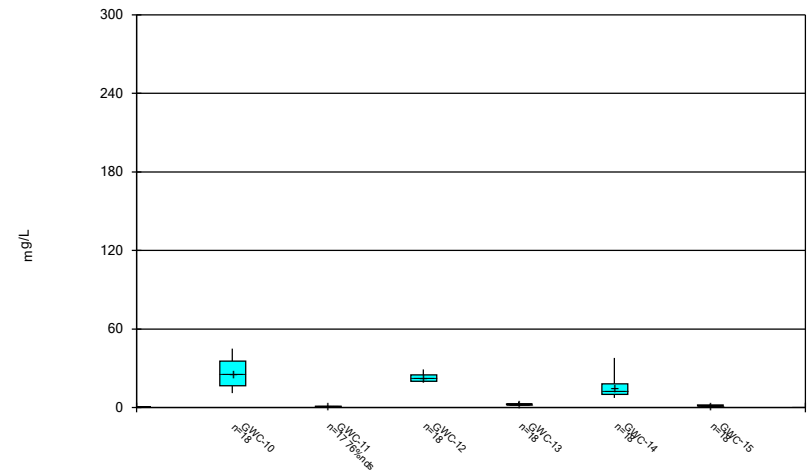
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Box & Whiskers Plot



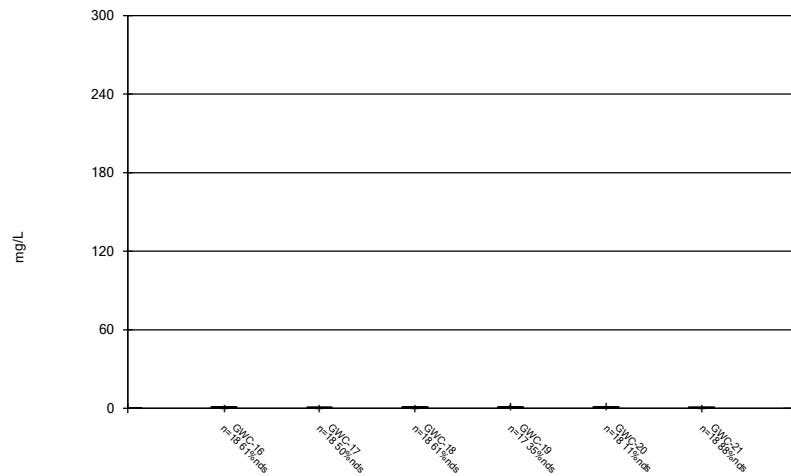
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



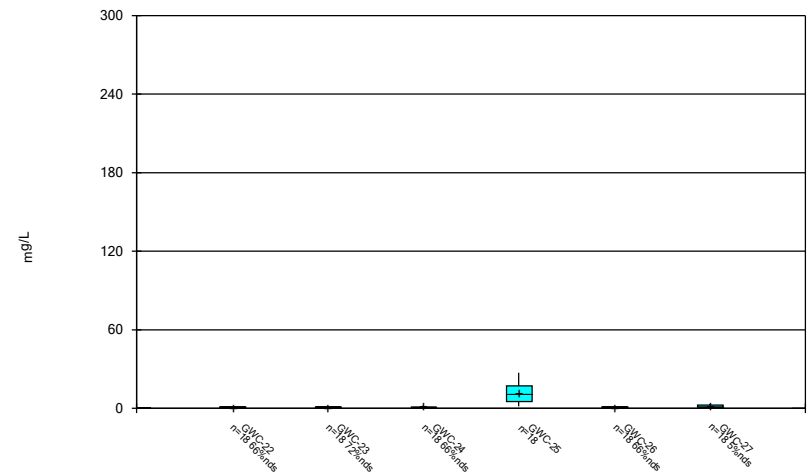
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Box & Whiskers Plot



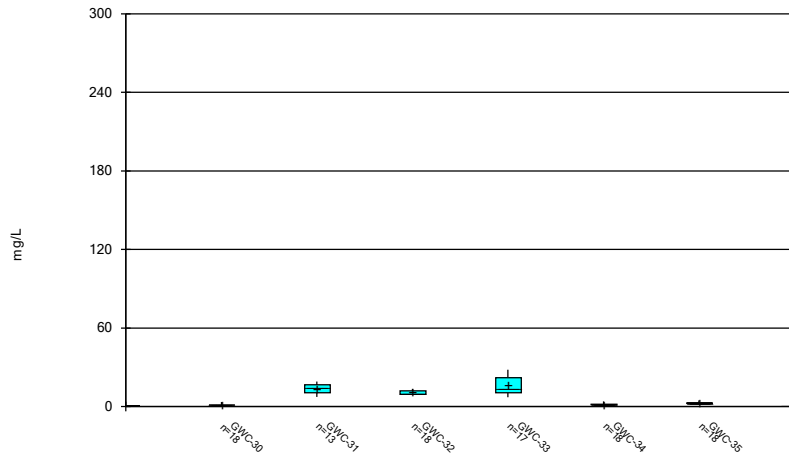
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Box & Whiskers Plot



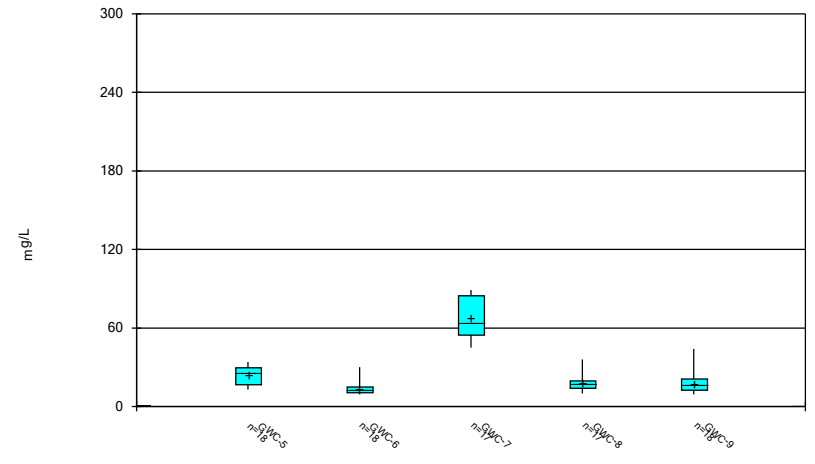
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



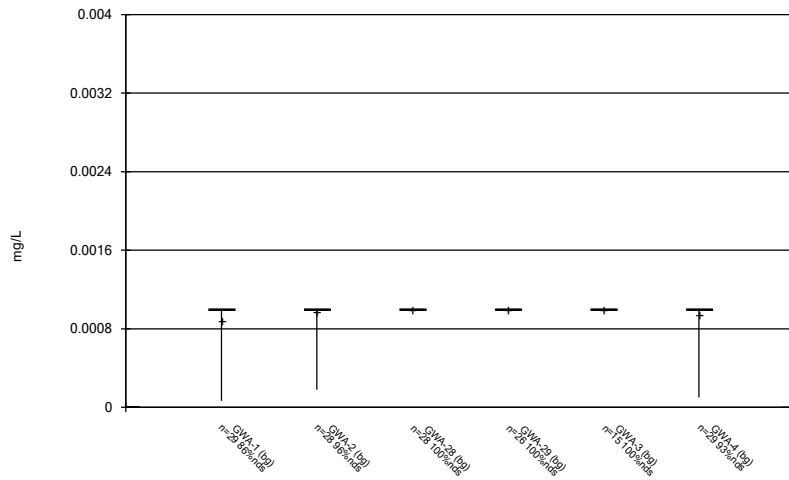
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



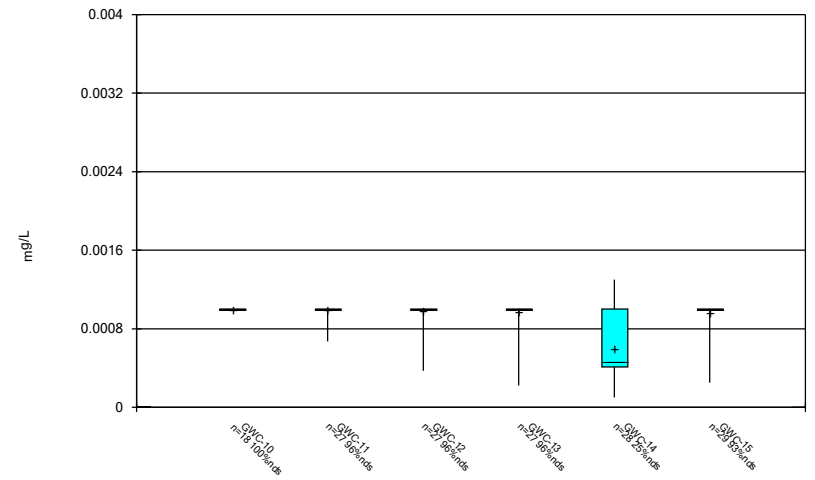
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



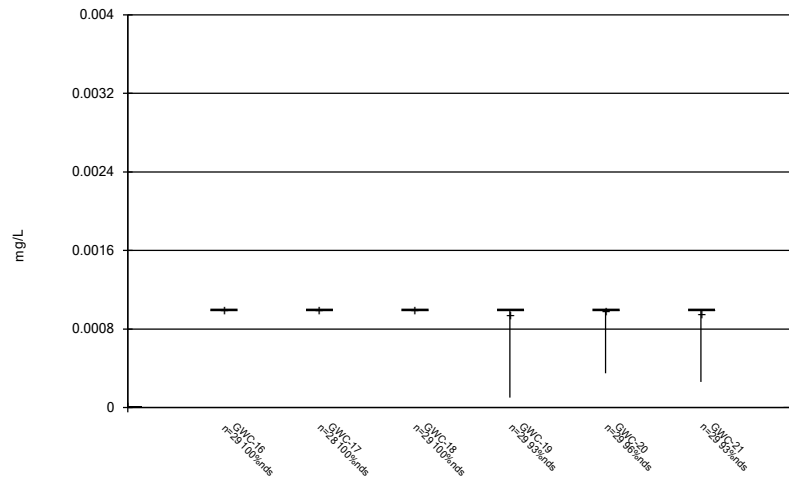
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



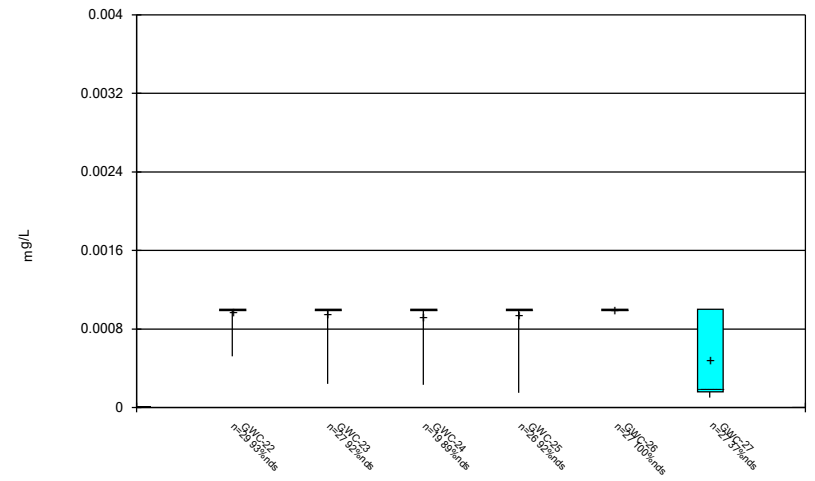
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



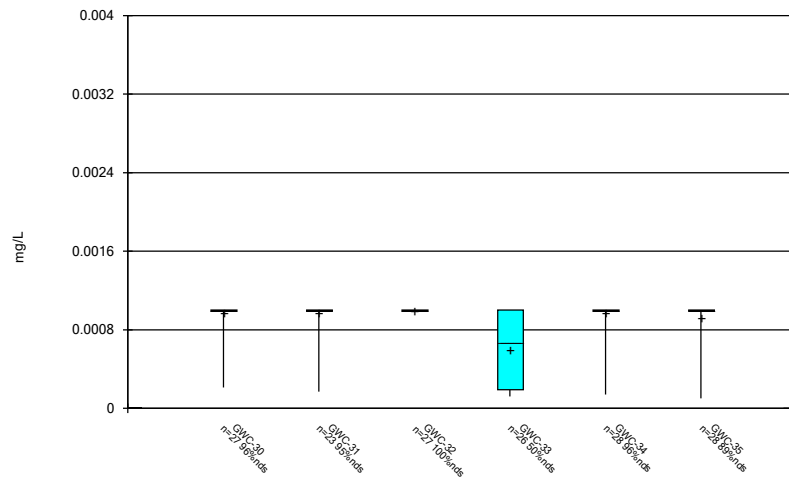
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



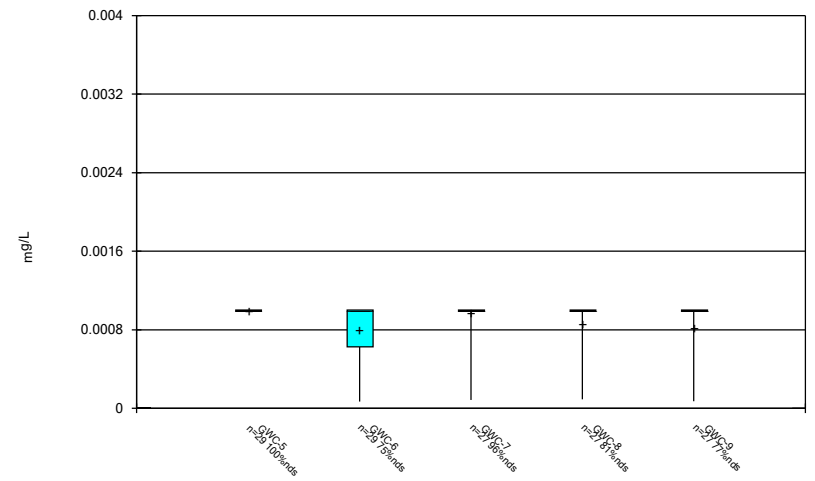
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



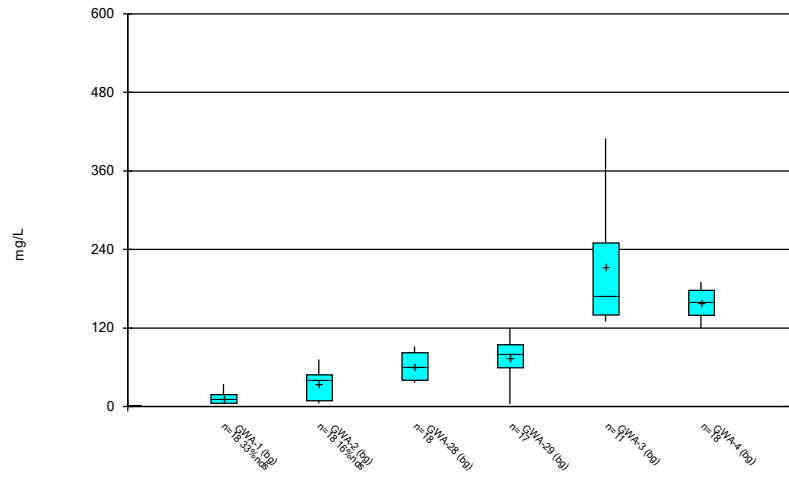
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



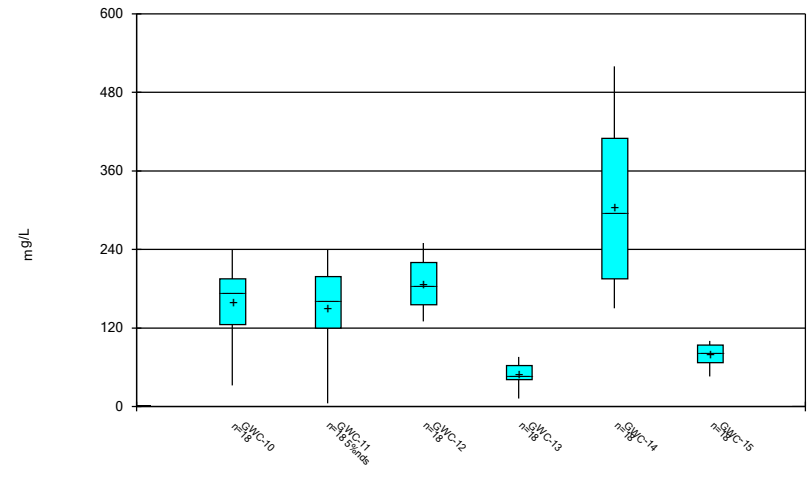
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



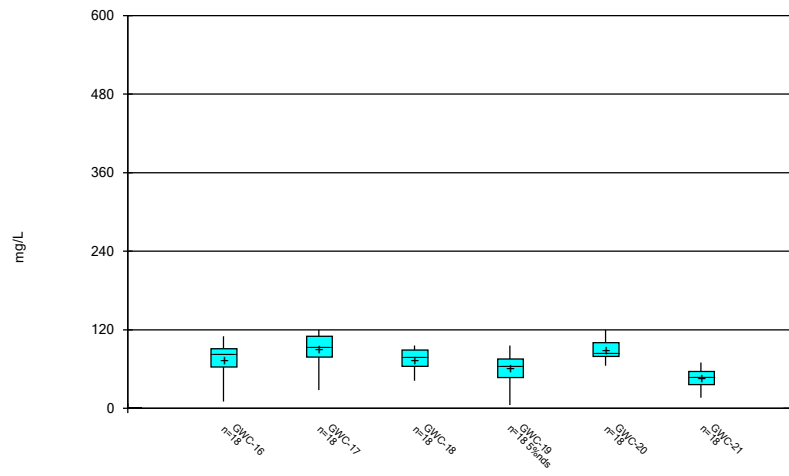
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



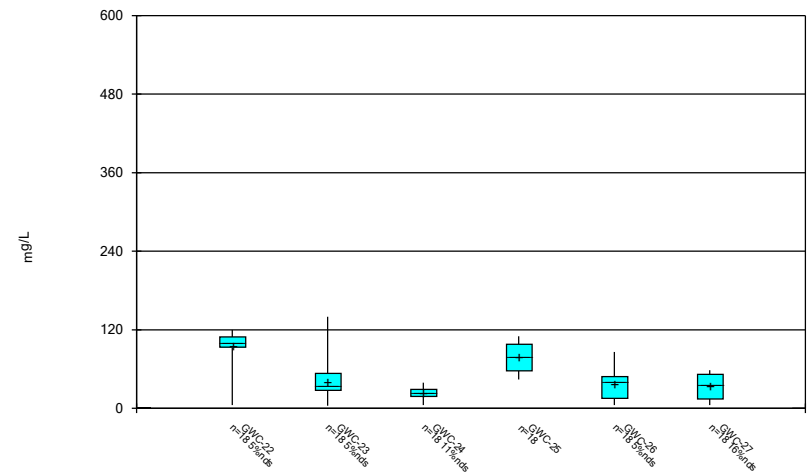
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



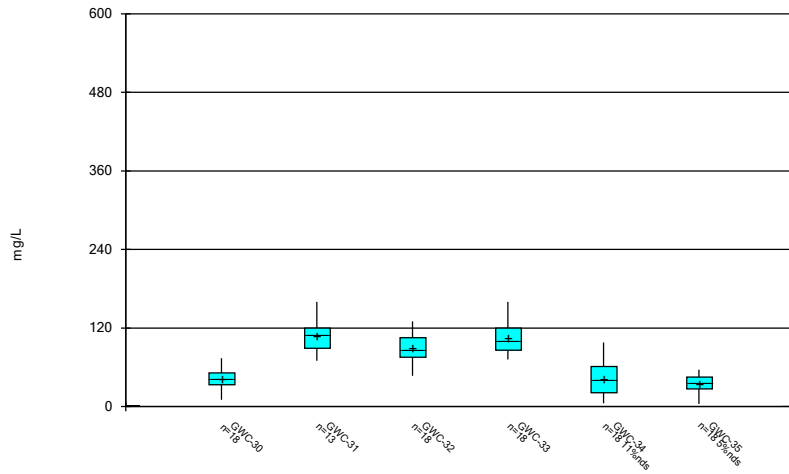
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



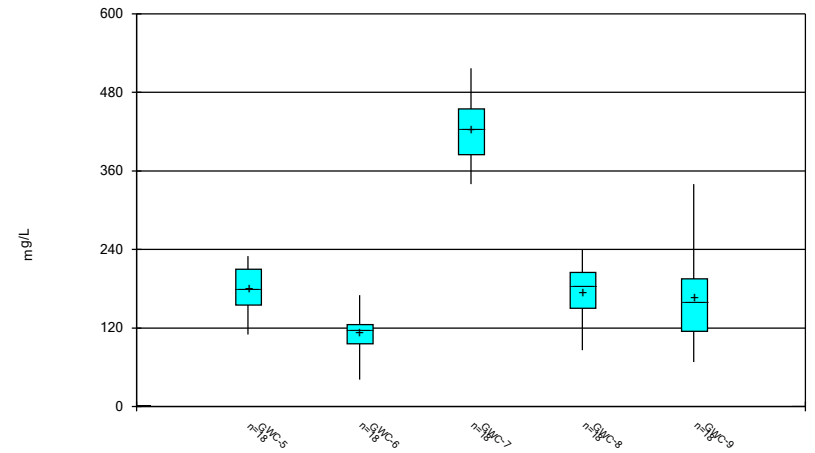
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



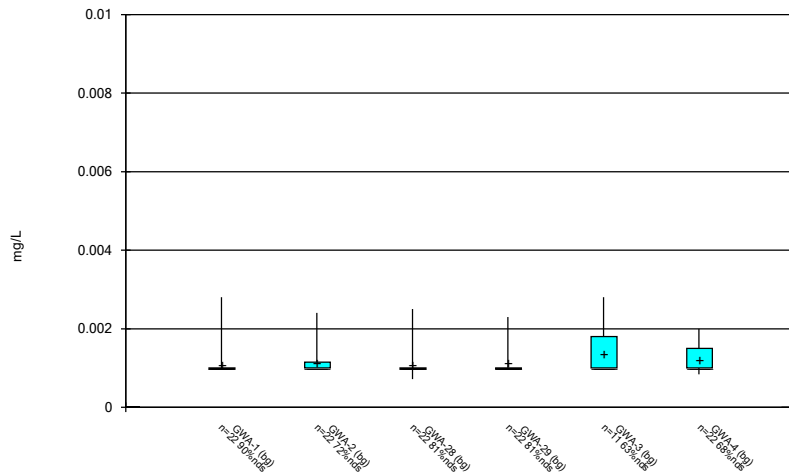
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



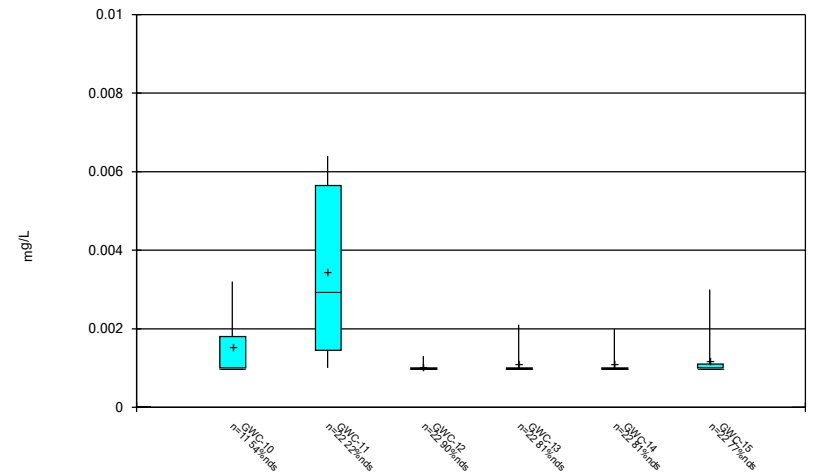
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



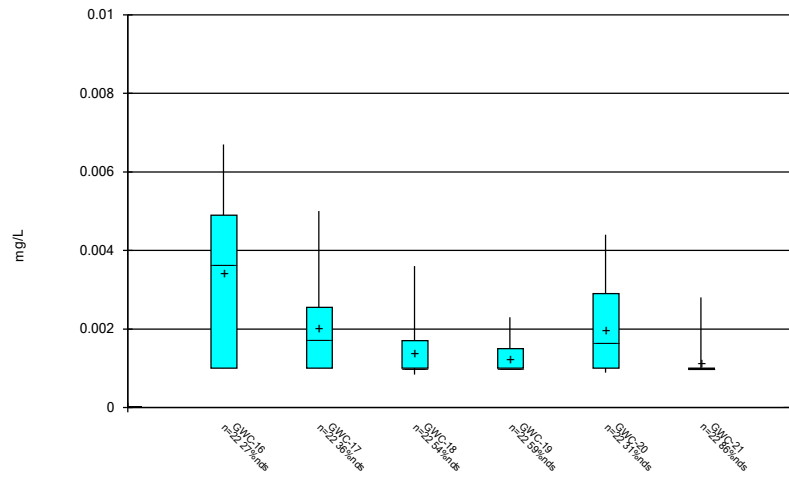
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Box & Whiskers Plot



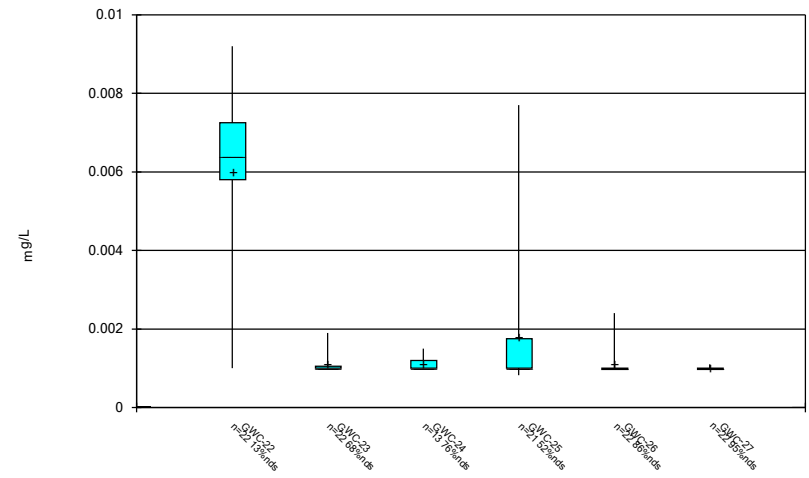
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



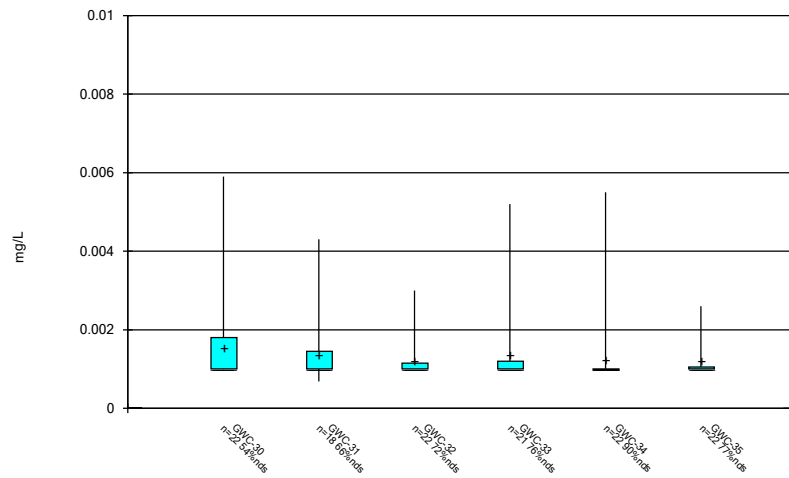
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Box & Whiskers Plot



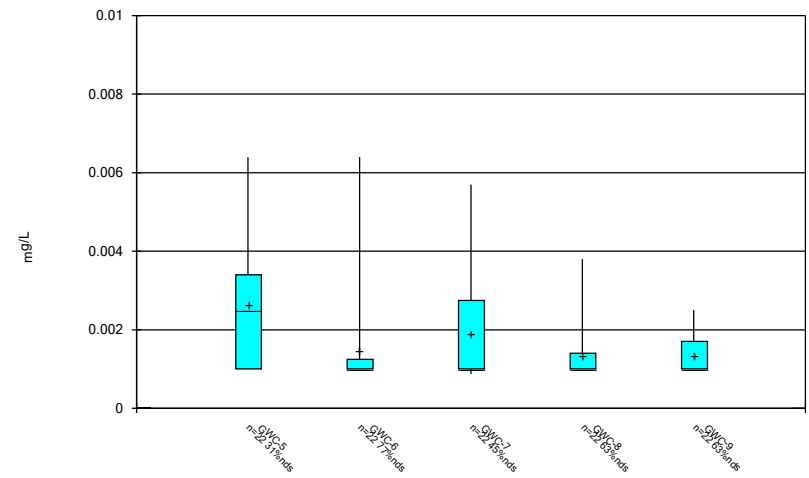
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



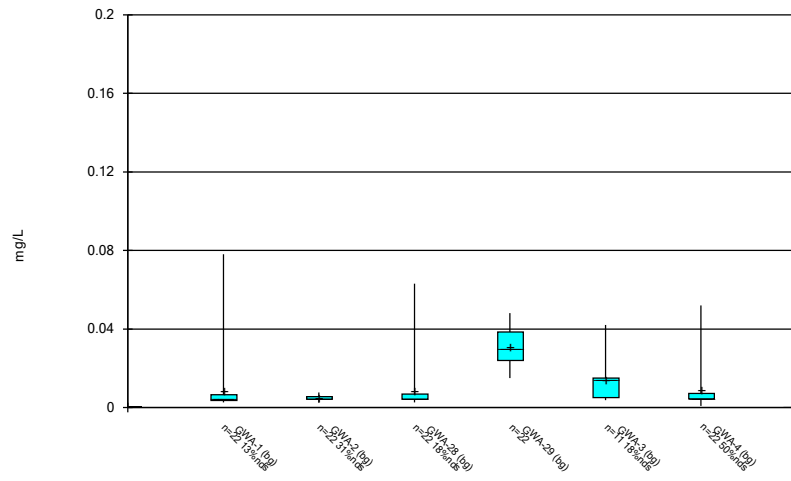
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



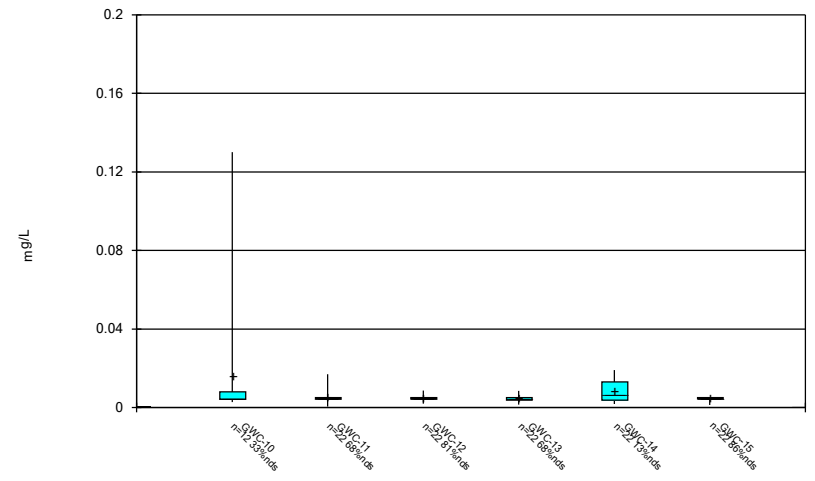
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



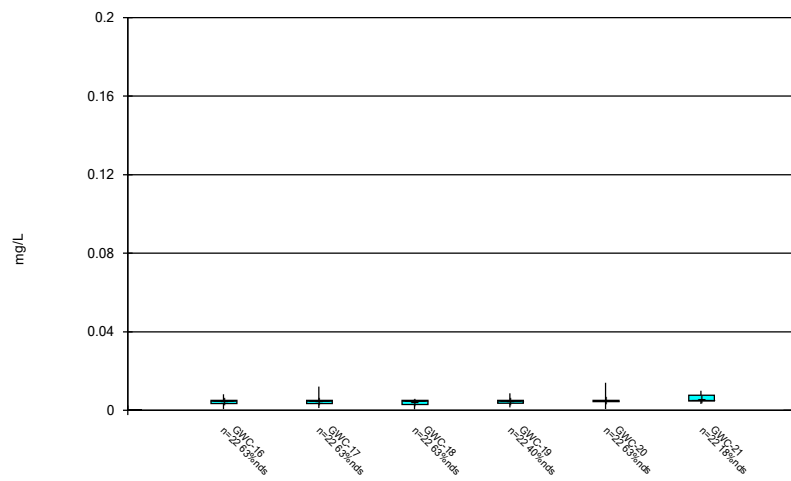
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Box & Whiskers Plot



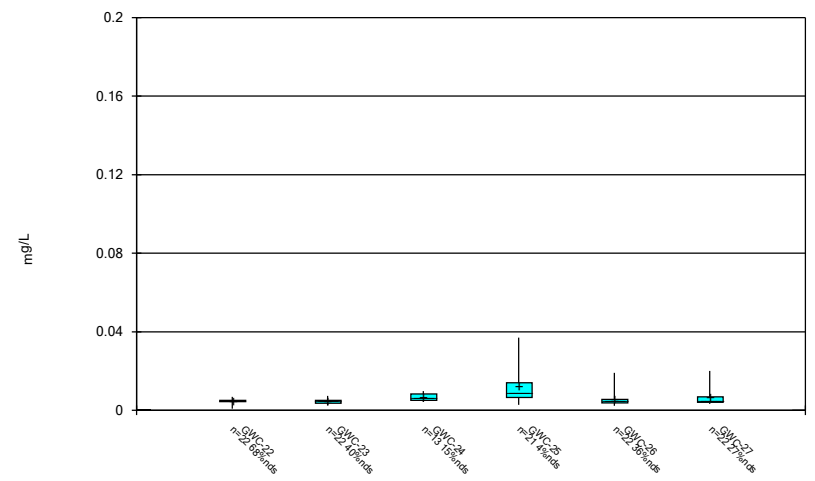
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Box & Whiskers Plot



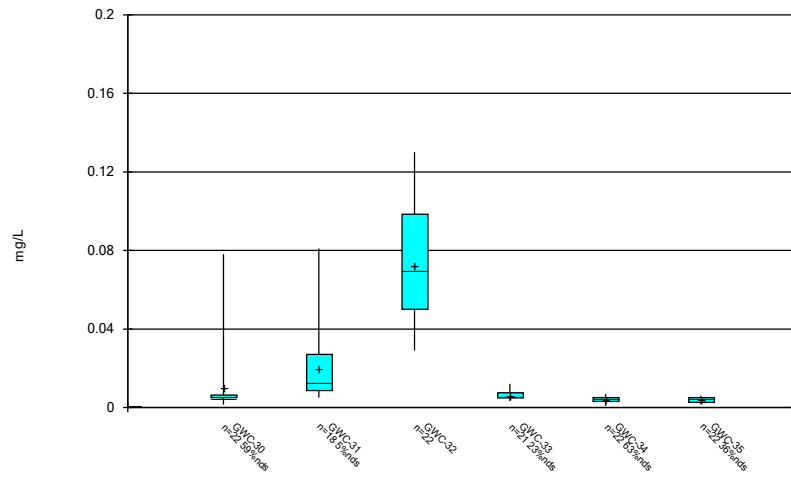
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



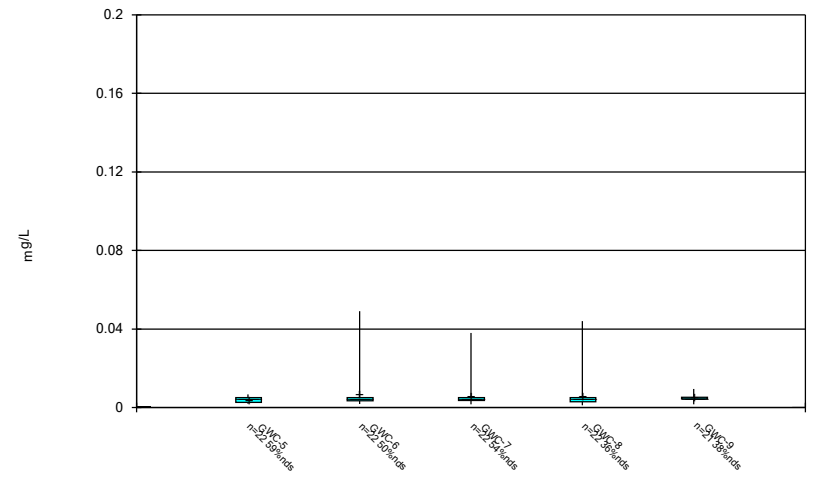
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/24/2021 11:53 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/24/2021 11:53 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE C.

FIGURE D.

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-12	0.02403	n/a	3/16/2021	0.026	Yes	23	0.01566	0.004138	0	None	No	0.0001135	Param Intra 1 of 3	
Barium (mg/L)	GWC-14	0.117	n/a	3/17/2021	0.26	Yes	19	n/a	n/a	5.263	n/a	n/a	0.0006785	NP Intra (normality) 1 of 3	
Barium (mg/L)	GWC-19	0.1138	n/a	3/17/2021	0.12	Yes	23	0.06187	0.02567	4.348	None	No	0.0001135	Param Intra 1 of 3	
Barium (mg/L)	GWC-21	0.0348	n/a	3/16/2021	0.061	Yes	23	0.0203	0.007161	0	None	No	0.0001135	Param Intra 1 of 3	
Chromium (mg/L)	GWA-29	0.002	n/a	3/15/2021	0.021	Yes	20	n/a	n/a	90	n/a	n/a	0.0005627	NP Intra (NDs) 1 of 3	
Chromium (mg/L)	GWC-12	0.002	n/a	3/16/2021	0.0022	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs) 1 of 3	
Chromium (mg/L)	GWC-8	0.002	n/a	3/16/2021	0.0027	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs) 1 of 3	
Chromium (mg/L)	GWC-9	0.0029	n/a	3/16/2021	0.0073	Yes	23	n/a	n/a	47.83	n/a	n/a	0.0004078	NP Intra (normality) 1 of 3	
Copper (mg/L)	GWA-3	0.002	n/a	3/15/2021	0.0031	Yes	5	n/a	n/a	80	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3	
Vanadium (mg/L)	GWA-29	0.0014	n/a	3/15/2021	0.0017	Yes	16	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3	
Zinc (mg/L)	GWA-4	0.014	n/a	3/15/2021	0.044	Yes	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3	
Zinc (mg/L)	GWC-14	0.01302	n/a	3/17/2021	0.014	Yes	16	0.0662	0.02159	18.75	Kaplan-Meiersqrt(x)	0.0001135	Param Intra 1 of 3		
Zinc (mg/L)	GWC-30	0.009	n/a	3/18/2021	0.078	Yes	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3	

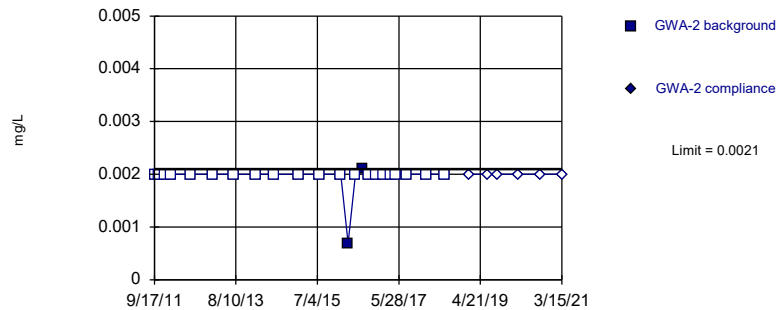
Appendix I - IntraWell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:52 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-33	0.0052	n/a	3/18/2021	0.001ND	No	15	n/a	n/a	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-34	0.0055	n/a	3/16/2021	0.001ND	No	16	n/a	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-35	0.0026	n/a	3/16/2021	0.001ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-5	0.006406	n/a	3/17/2021	0.0025	No	16	0.003438	0.001338	0.001338	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Vanadium (mg/L)	GWC-6	0.0064	n/a	3/17/2021	0.001ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-7	0.0057	n/a	3/16/2021	0.0025	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-8	0.0038	n/a	3/16/2021	0.0014	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-9	0.0025	n/a	3/16/2021	0.0011	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWA-1	0.008523	n/a	3/15/2021	0.005ND	No	16	0.004931	0.001619	0.001619	12.5	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-2	0.007539	n/a	3/15/2021	0.005ND	No	16	0.004549	0.001348	0.001348	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-28	0.02	n/a	3/15/2021	0.0057	No	16	n/a	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWA-29	0.05409	n/a	3/15/2021	0.024	No	16	0.03144	0.01021	0.01021	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-3	0.1074	n/a	3/15/2021	0.015	No	5	0.01588	0.014	0.014	40	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-4	0.014	n/a	3/15/2021	0.044	Yes	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-10	0.02	n/a	3/18/2021	0.004J	No	5	n/a	n/a	n/a	80	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-11	0.008	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.0087	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-13	0.005	n/a	3/17/2021	0.0039J	No	16	n/a	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	3/17/2021	0.014	Yes	16	0.0662	0.02159	0.02159	18.75	Kaplan-Meiersqrt(x)	0.0001135	Param Intra 1 of 3	
Zinc (mg/L)	GWC-15	0.005	n/a	3/18/2021	0.005ND	No	16	n/a	n/a	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-16	0.0081	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-17	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-18	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-19	0.02	n/a	3/17/2021	0.0056	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-20	0.013	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-21	0.01217	n/a	3/16/2021	0.0033J	No	16	0.1885	0.01871	0.01871	25	Kaplan-Meier	x^(1/3)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-22	0.0068	n/a	3/15/2021	0.005ND	No	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	3/18/2021	0.005ND	No	16	0.00404	0.001464	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01585	n/a	3/18/2021	0.0064	No	7	0.00746	0.002264	0.002264	28.57	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-25	0.02893	n/a	3/17/2021	0.0088	No	15	0.01086	0.007912	0.007912	6.667	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-26	0.019	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	37.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-27	0.02	n/a	3/18/2021	0.005ND	No	16	n/a	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.009	n/a	3/18/2021	0.078	Yes	16	n/a	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-31	0.03796	n/a	3/16/2021	0.014	No	12	0.01699	0.008457	0.008457	8.333	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-32	0.1273	n/a	3/17/2021	0.081	No	16	0.06675	0.02729	0.02729	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-33	0.00888	n/a	3/18/2021	0.005ND	No	15	0.005141	0.001637	0.001637	26.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-34	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-35	0.006162	n/a	3/16/2021	0.005ND	No	16	0.003142	0.001361	0.001361	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-5	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-6	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-7	0.01	n/a	3/16/2021	0.005ND	No	16	n/a	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-8	0.007153	n/a	3/16/2021	0.0045J	No	16	0.002775	0.001974	0.001974	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-9	0.008549	n/a	3/16/2021	0.0048J	No	15	0.003756	0.002099	0.002099	46.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

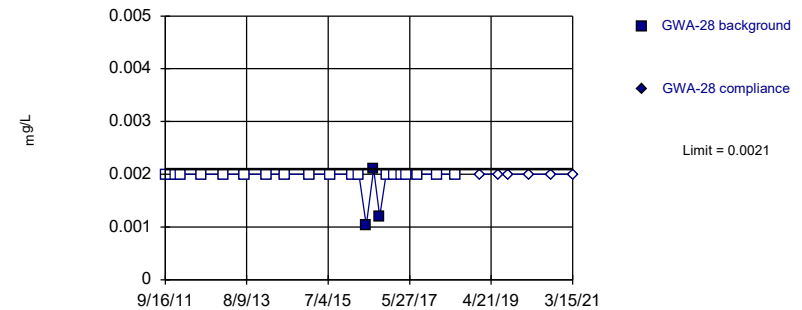


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:44 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

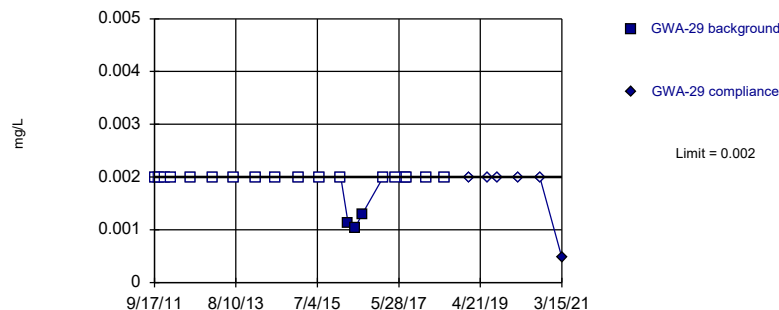


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:44 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

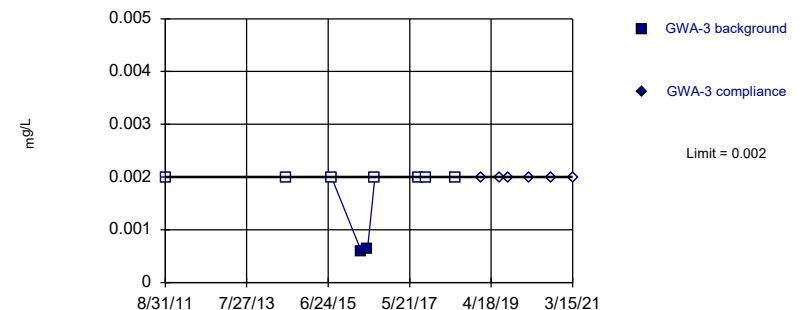


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:44 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

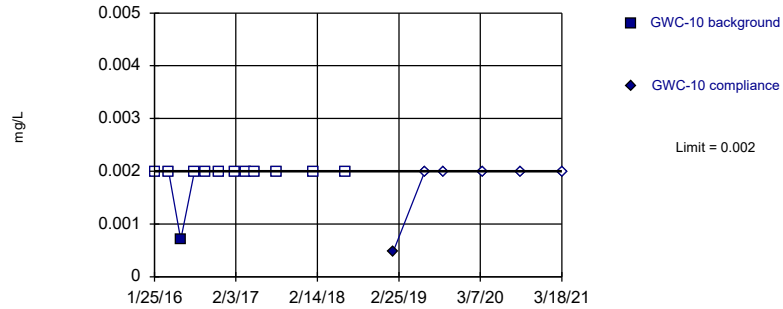


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:44 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

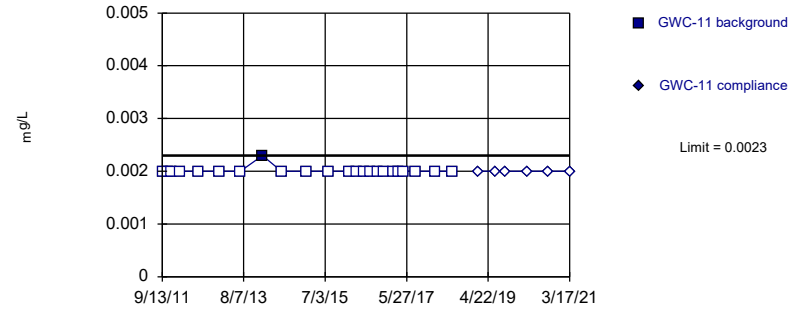


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:44 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

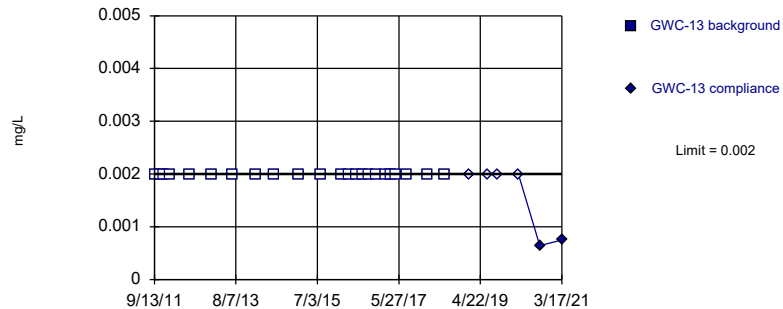


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

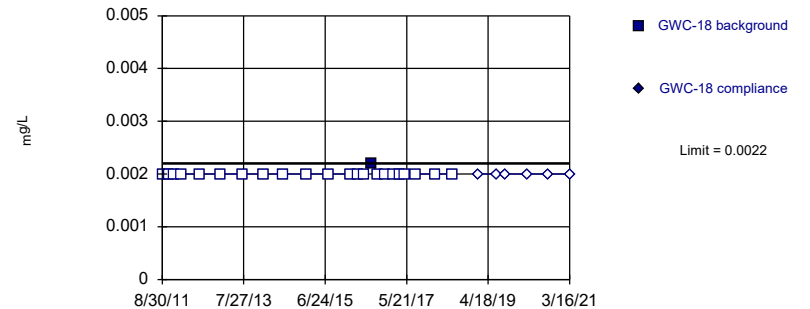


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

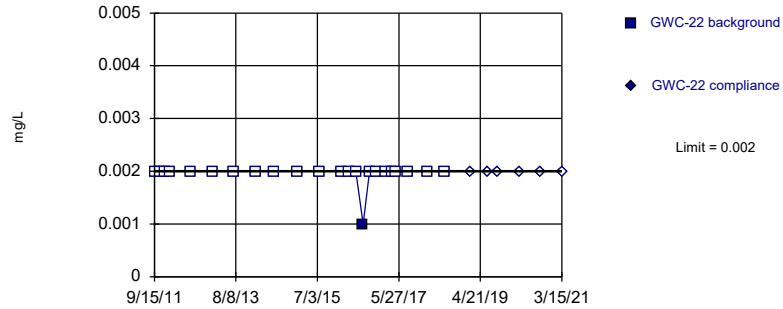


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

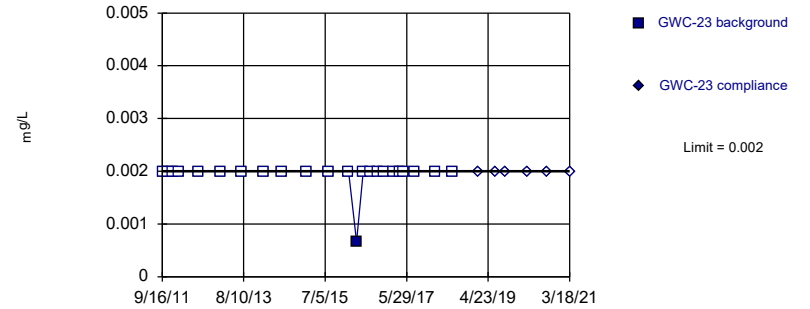


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

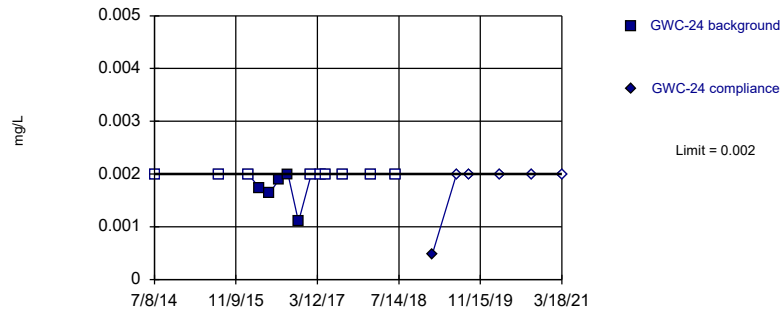


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

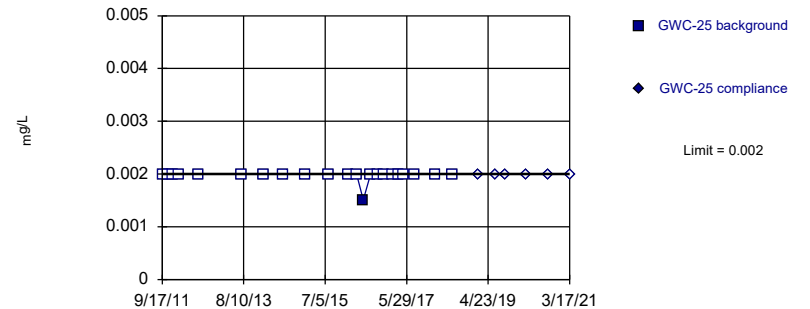


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

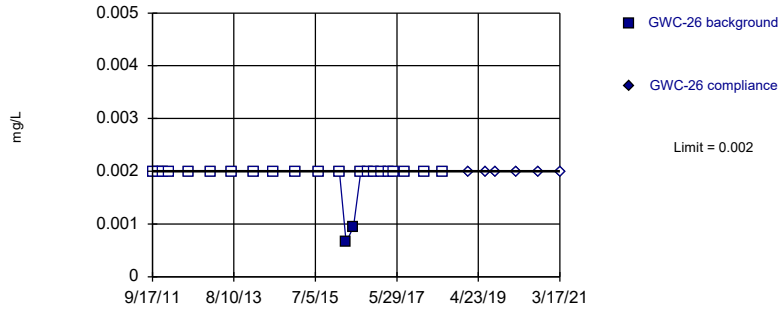


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

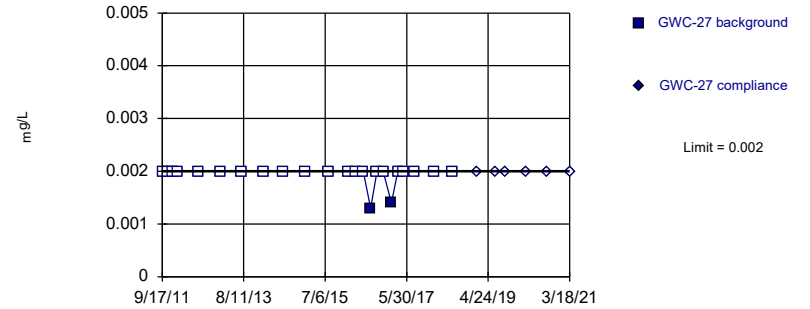


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

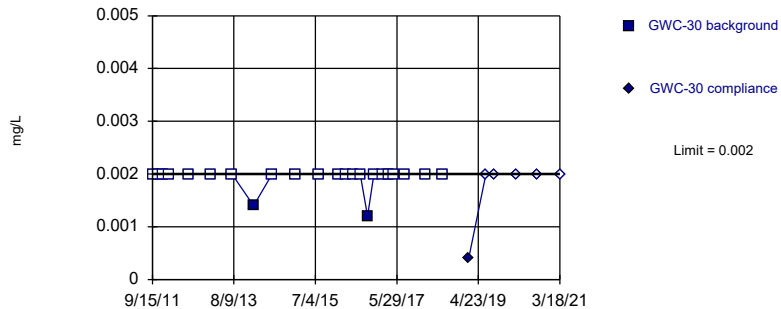


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

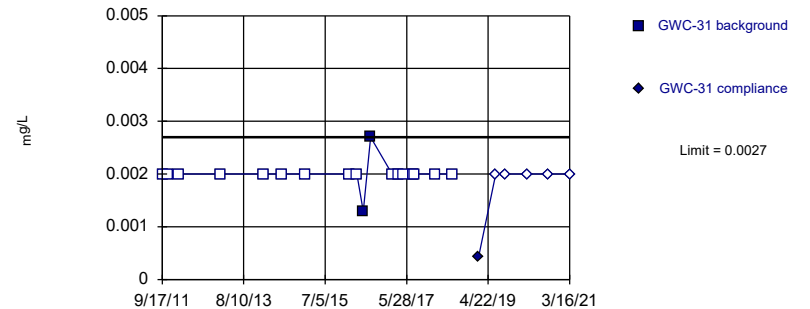


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

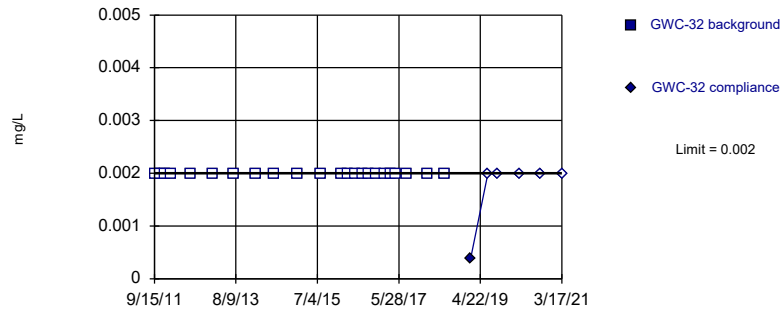


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

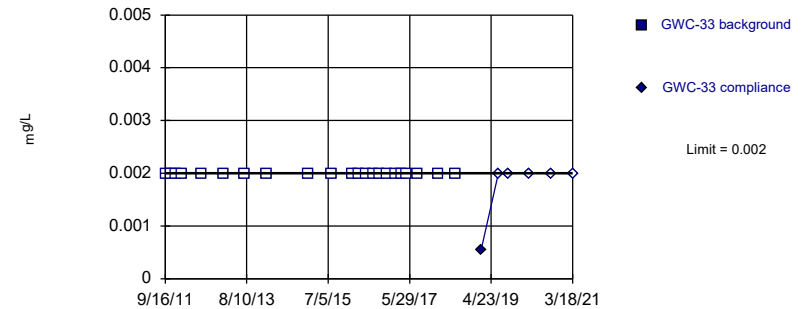


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

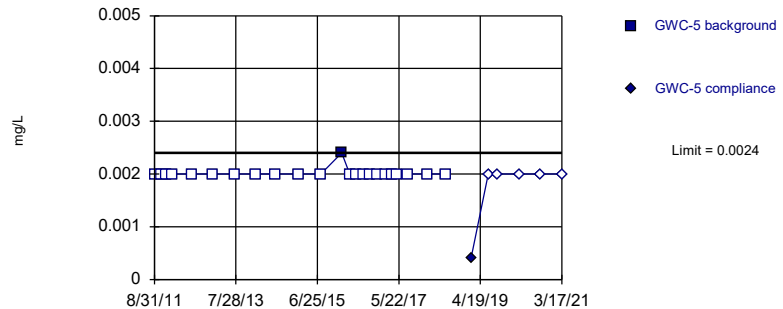


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

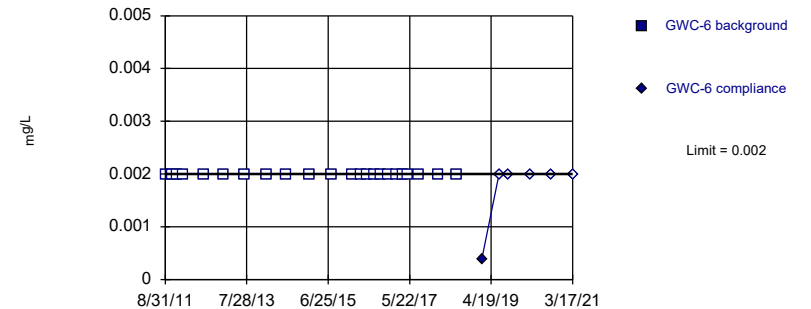


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

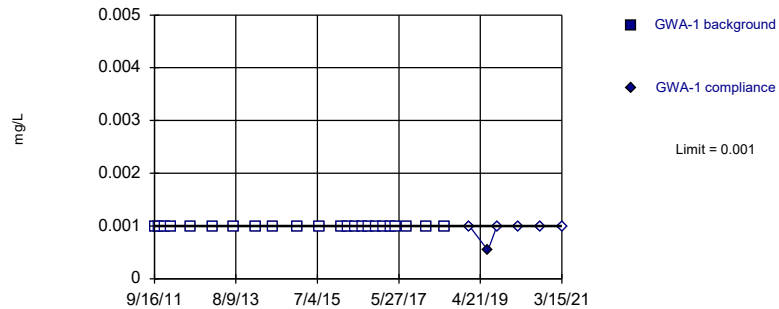


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

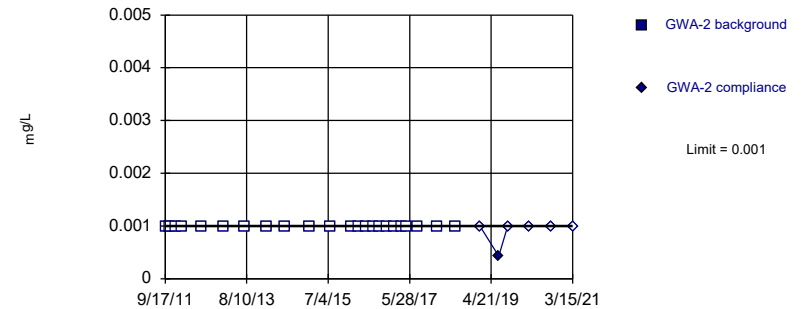


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

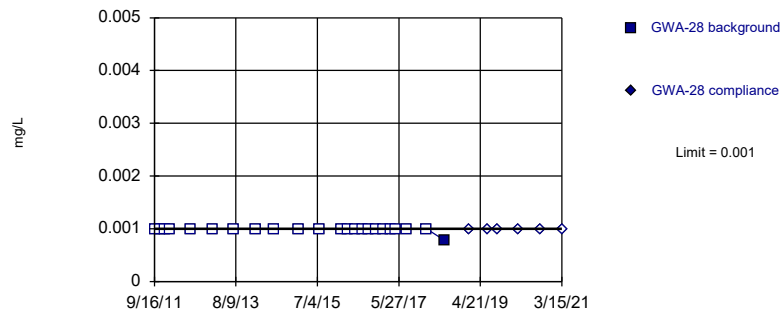


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

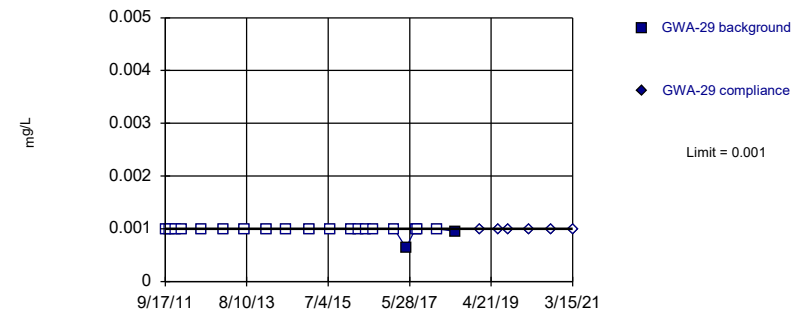


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

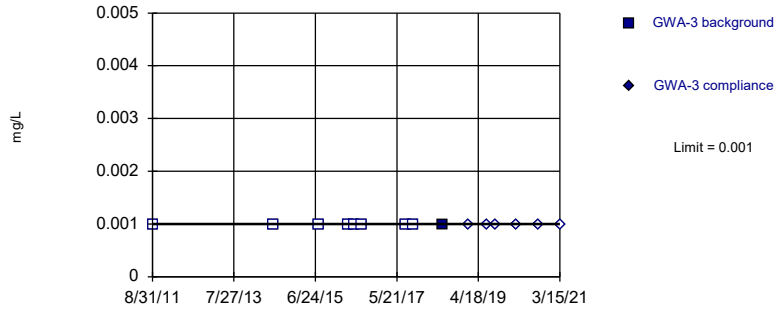


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

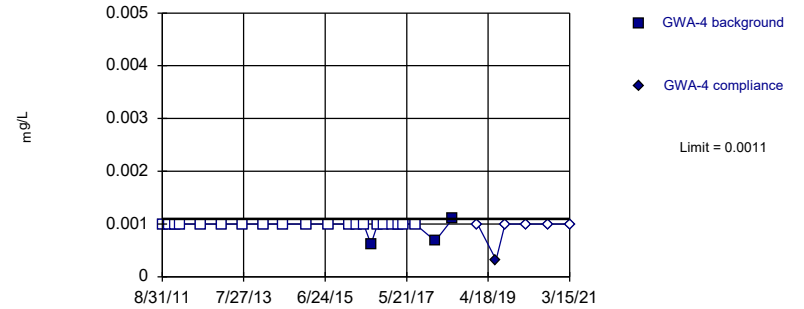


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

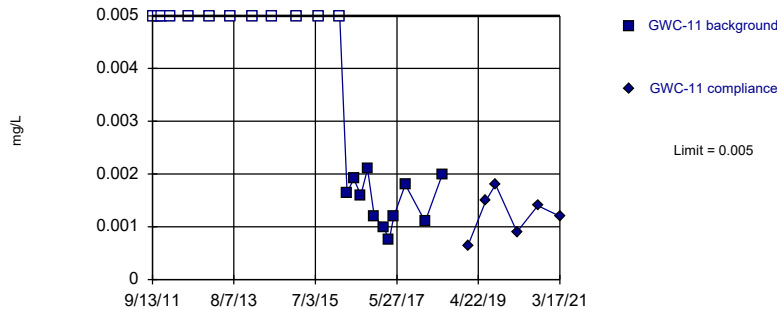


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

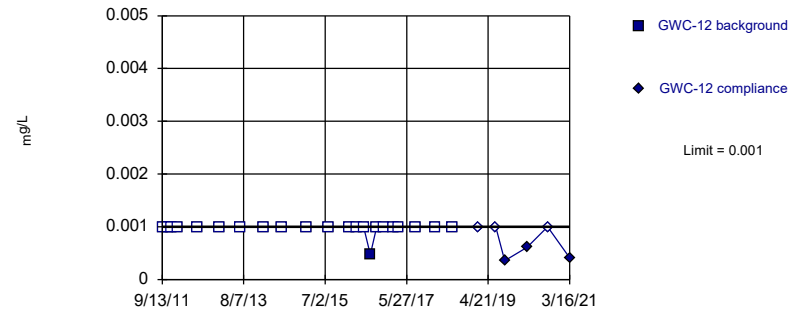


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

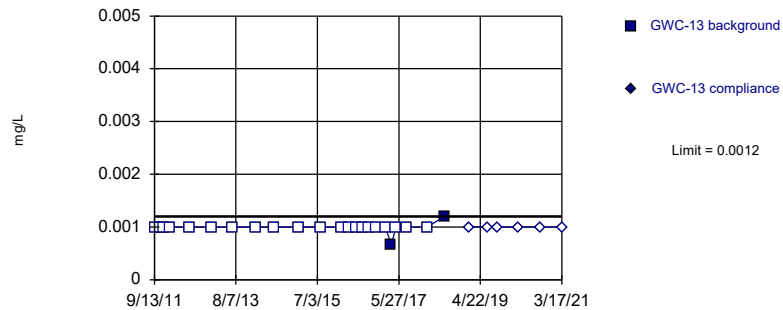


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

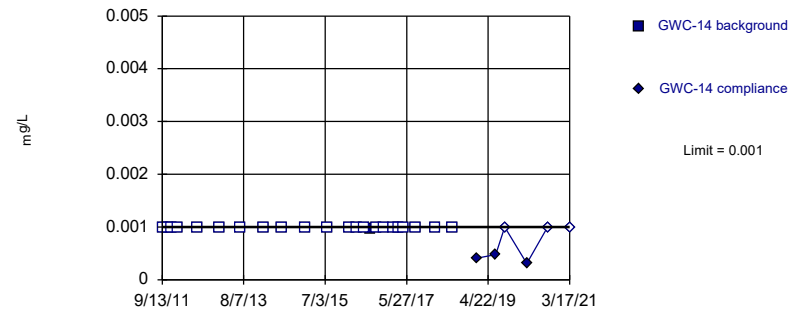


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

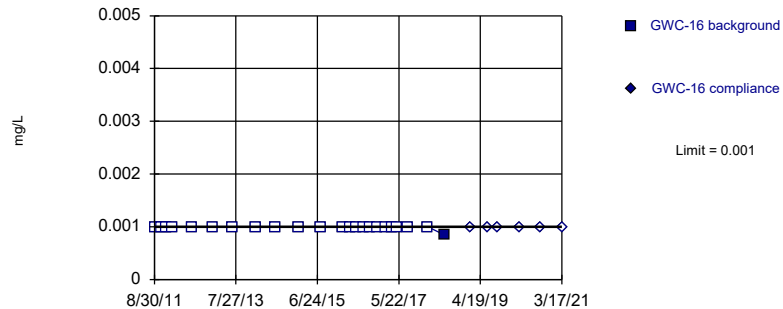


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

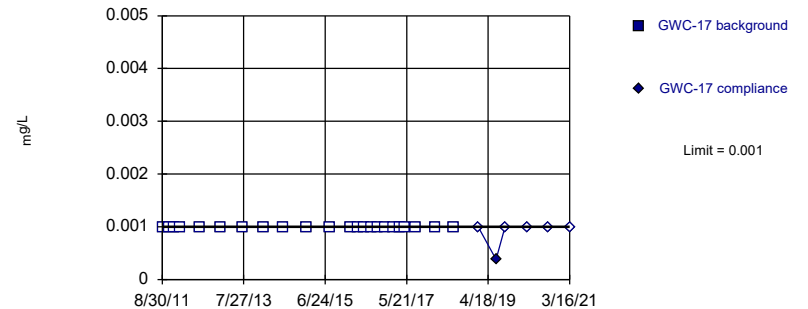


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



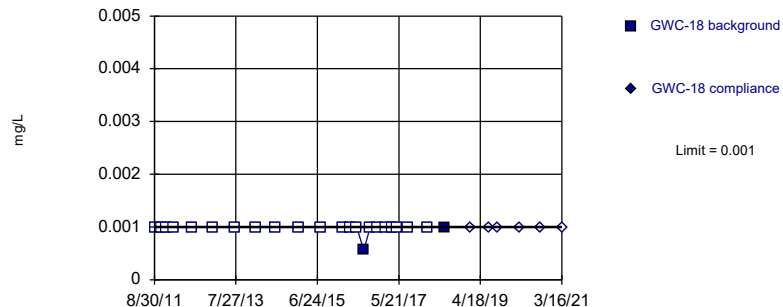
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



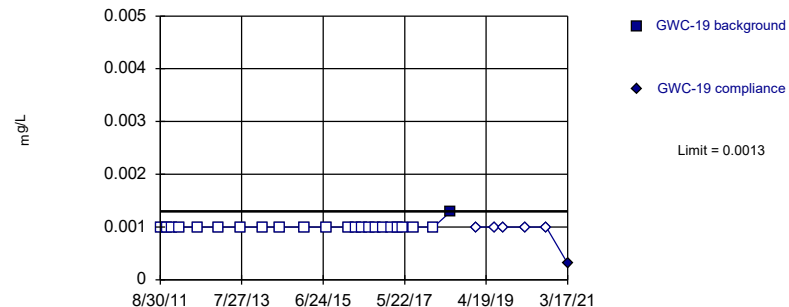
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



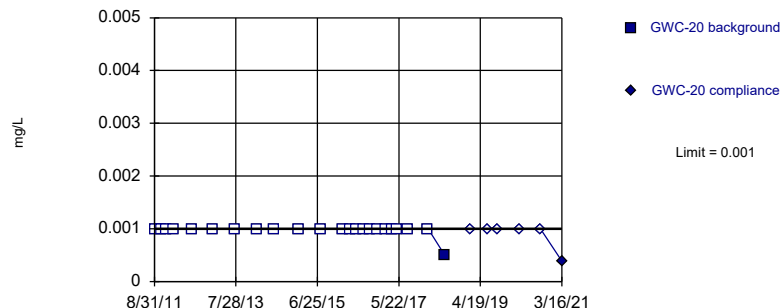
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



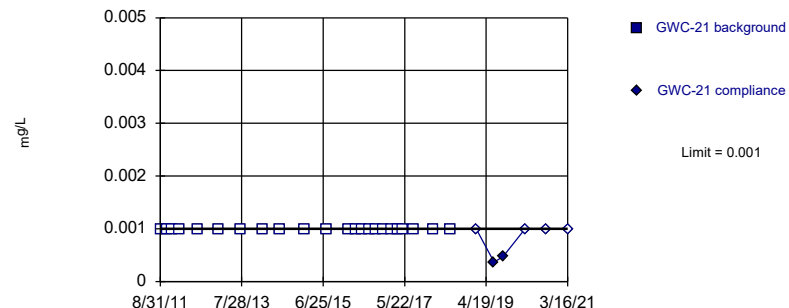
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

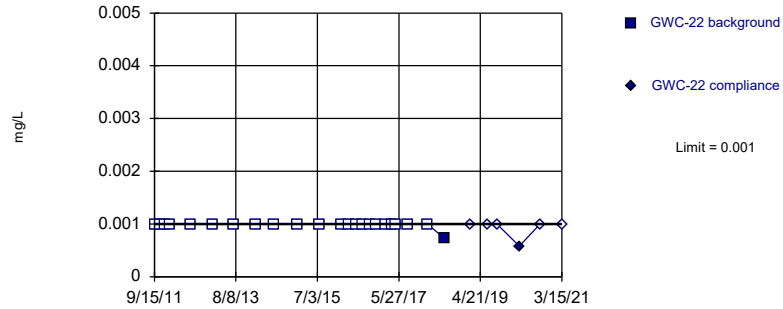


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

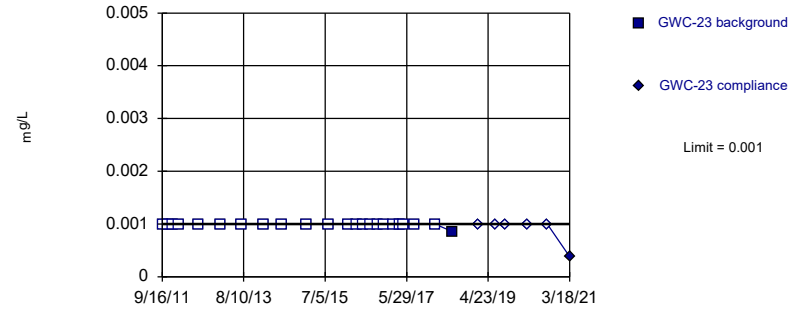


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

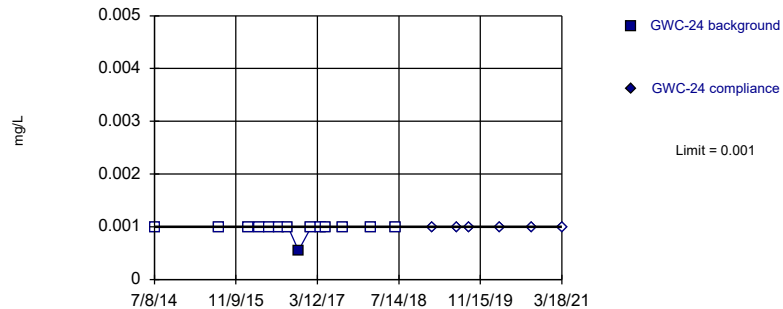


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

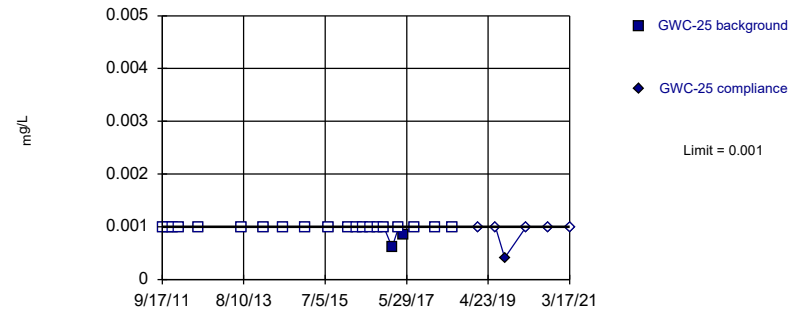


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

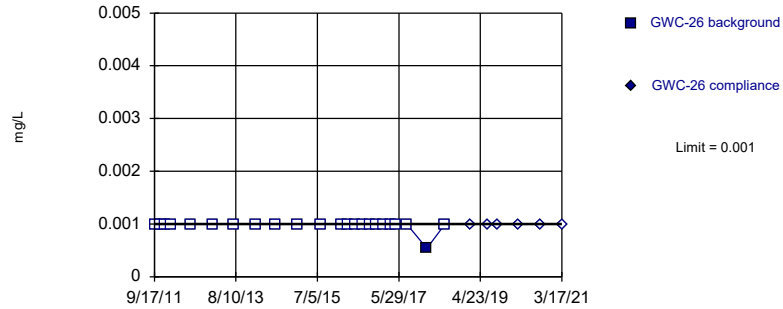


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

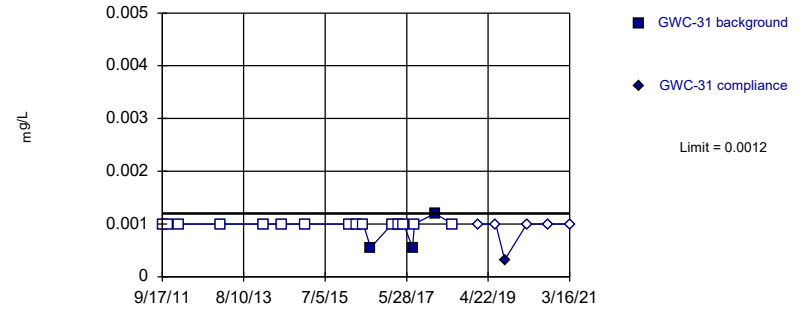


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

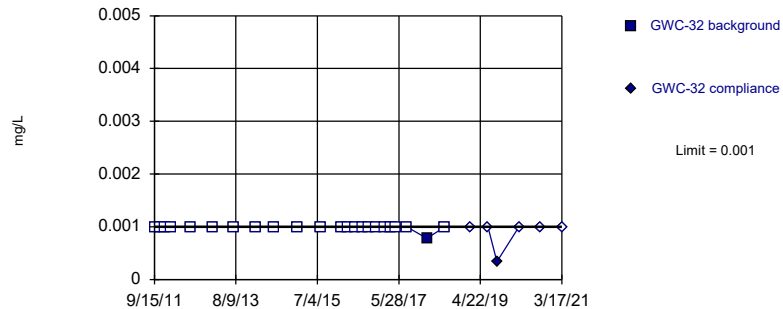


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

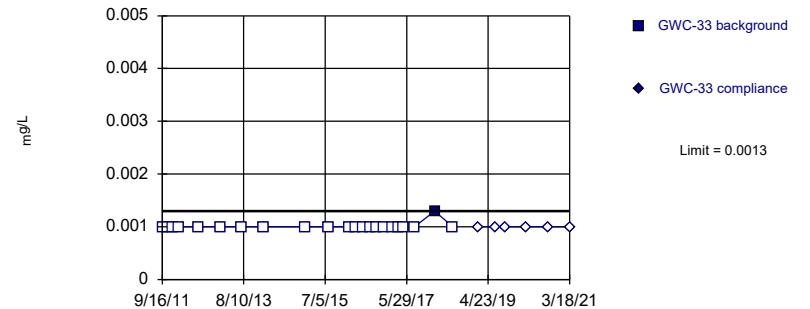


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

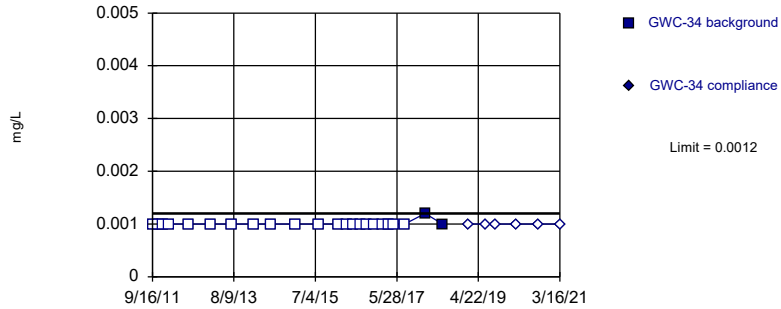


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

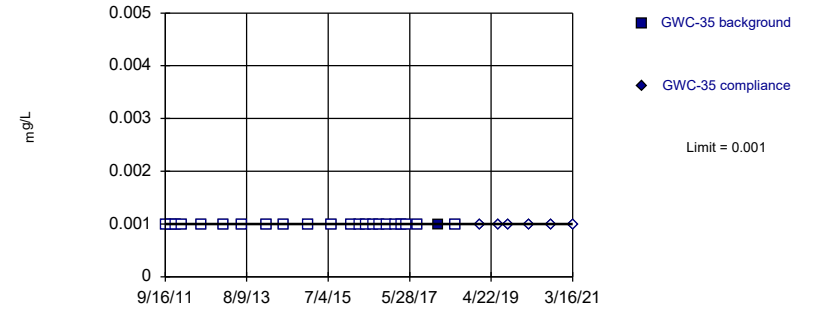


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

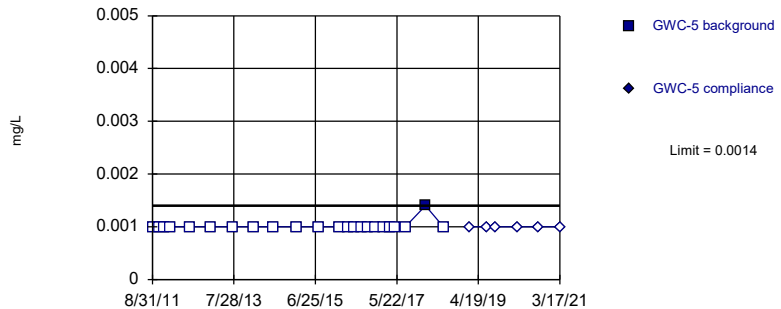


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

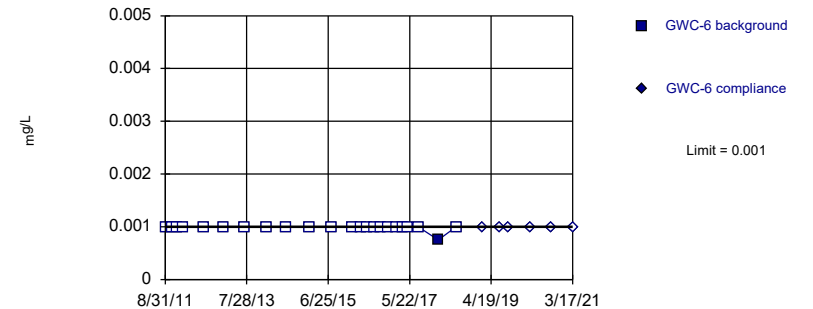


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



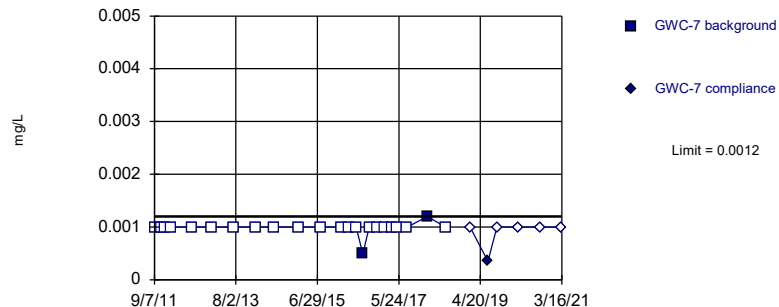
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



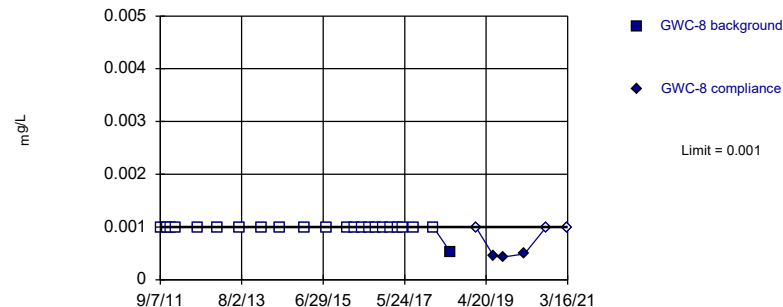
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



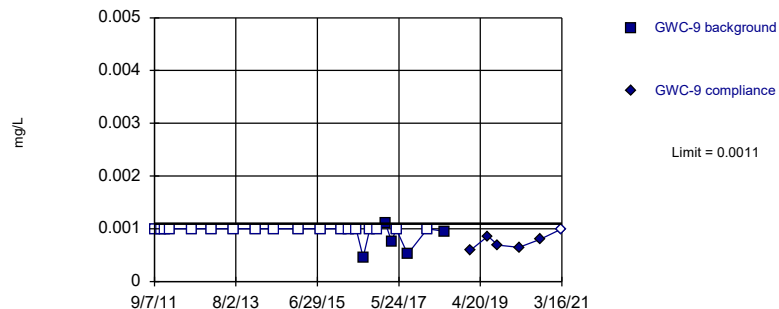
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



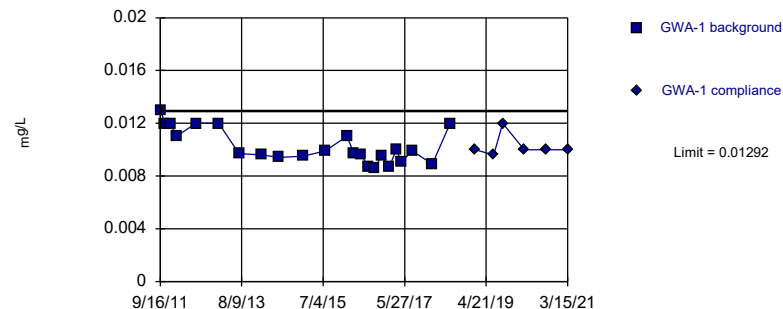
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG

Within Limit

Prediction Limit Intrawell Parametric

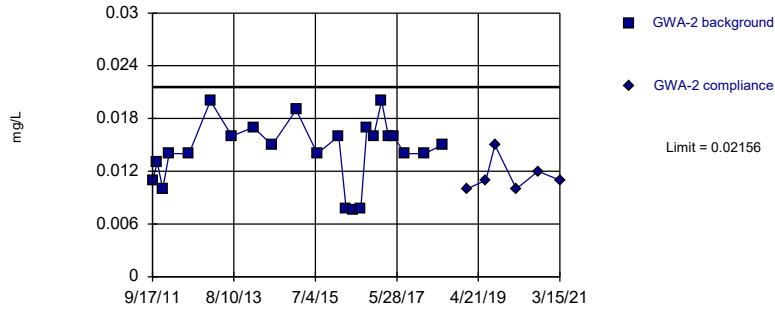


Background Data Summary: Mean=0.01025, Std. Dev.=0.001319, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8813, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



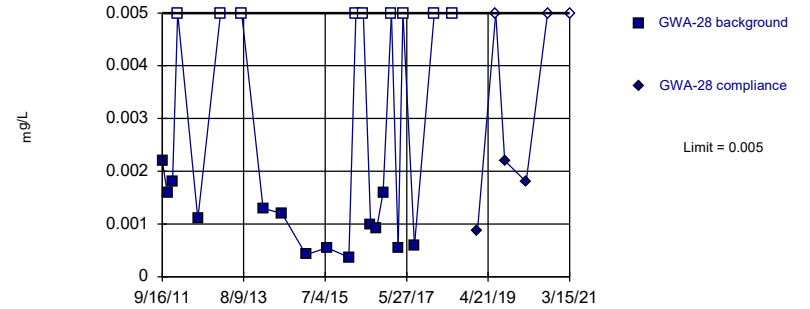
Background Data Summary: Mean=0.01435, Std. Dev.=0.003559, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



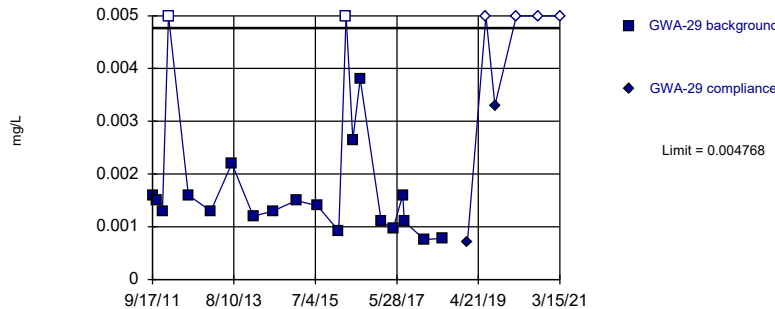
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

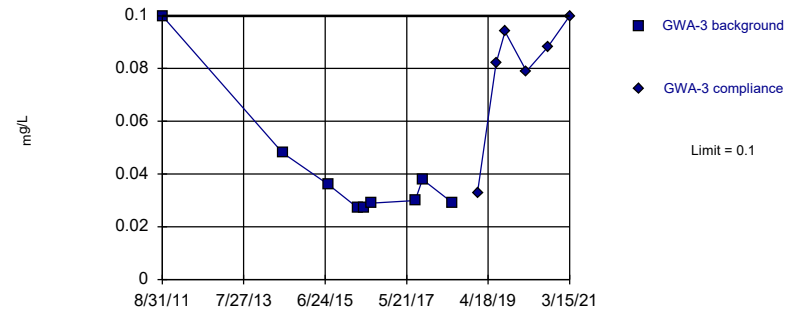


Background Data Summary (based on natural log transformation): Mean=-6.46, Std. Dev.=0.5402, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

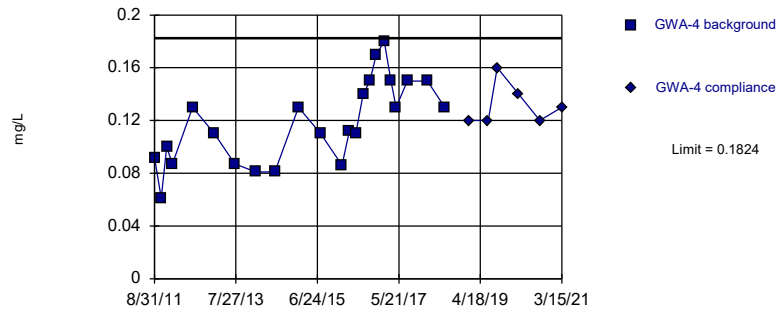


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

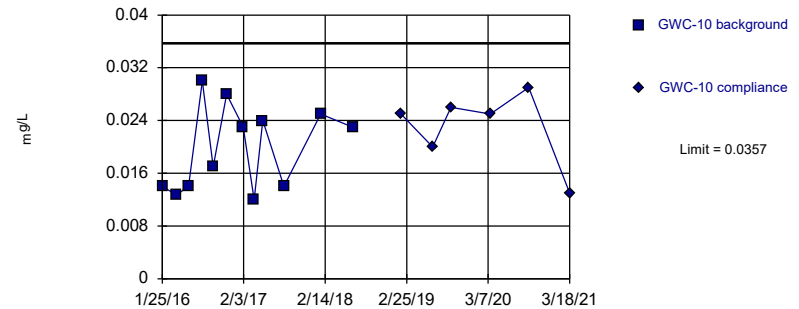


Background Data Summary: Mean=0.1186, Std. Dev.=0.03152, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

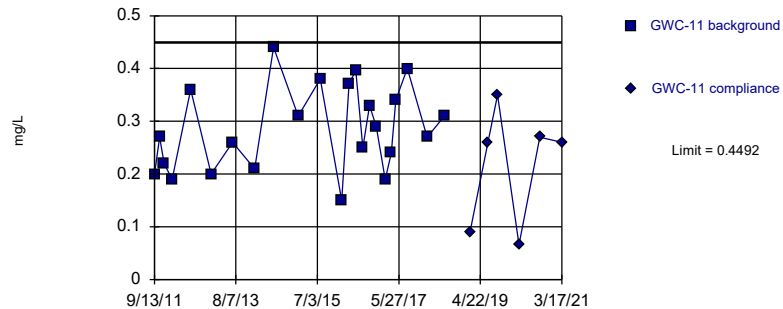


Background Data Summary: Mean=0.01973, Std. Dev.=0.006441, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

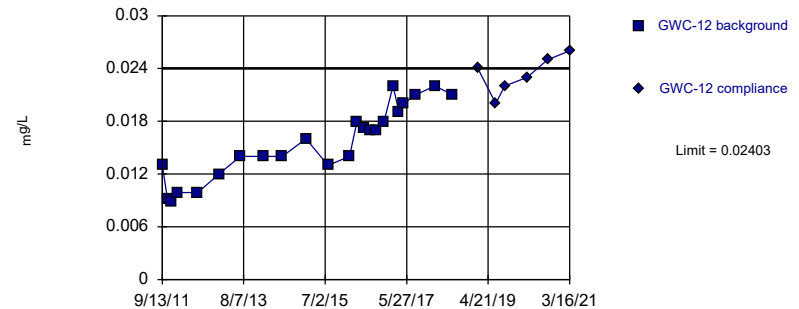


Background Data Summary: Mean=0.286, Std. Dev.=0.08062, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

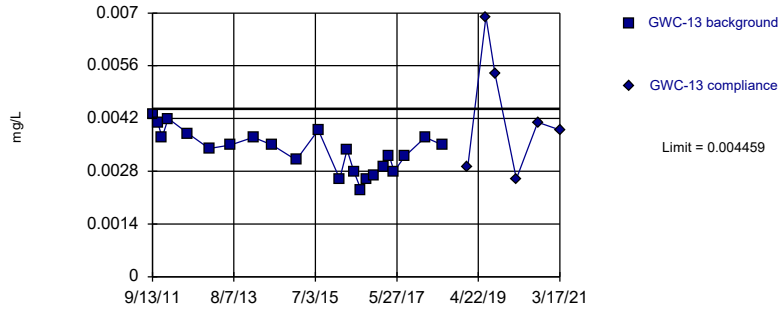


Background Data Summary: Mean=0.01566, Std. Dev.=0.004138, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

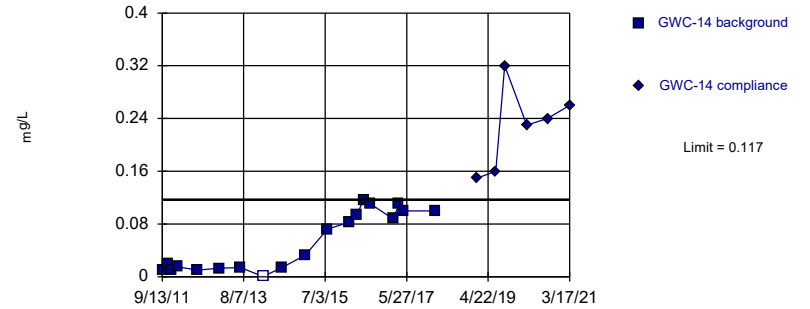


Background Data Summary: Mean=0.003342, Std. Dev.=0.0005516, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9727, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit Intrawell Non-parametric

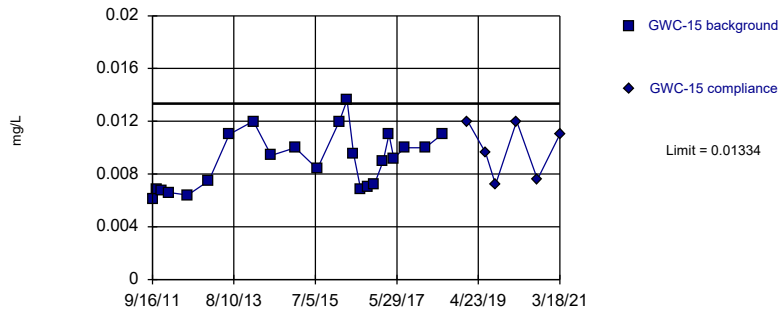


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. 5.263% NDs. Well-constituent pair annual alpha = 0.001357. Individual comparison alpha = 0.0006785 (1 of 3).

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

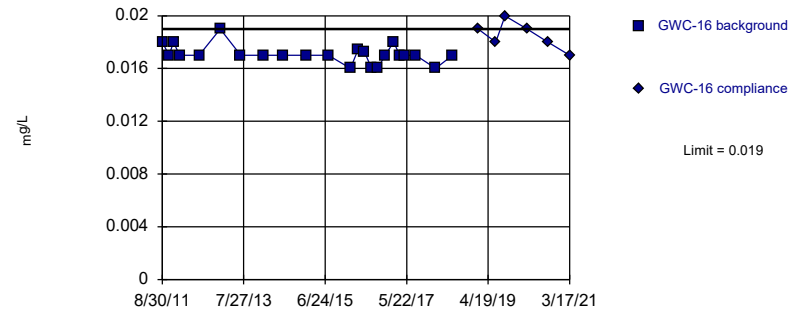


Background Data Summary: Mean=0.009012, Std. Dev.=0.002137, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

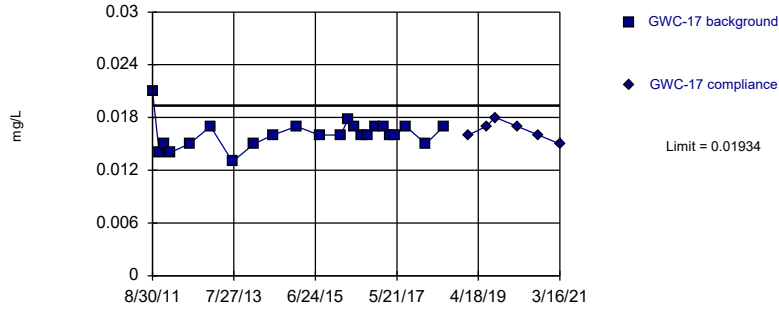


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

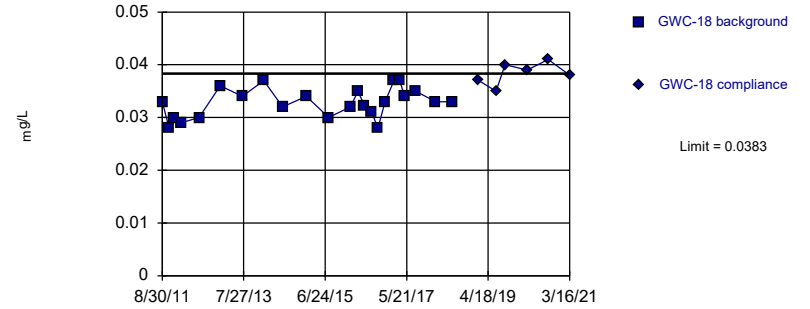


Background Data Summary: Mean=0.01612, Std. Dev.=0.001592, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8965, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



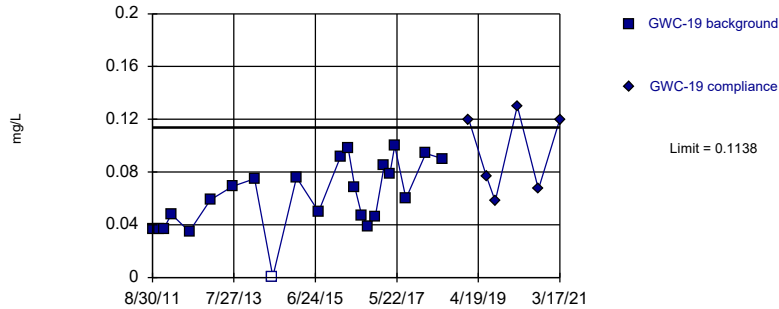
Background Data Summary: Mean=0.03275, Std. Dev.=0.002744, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit Intrawell Parametric

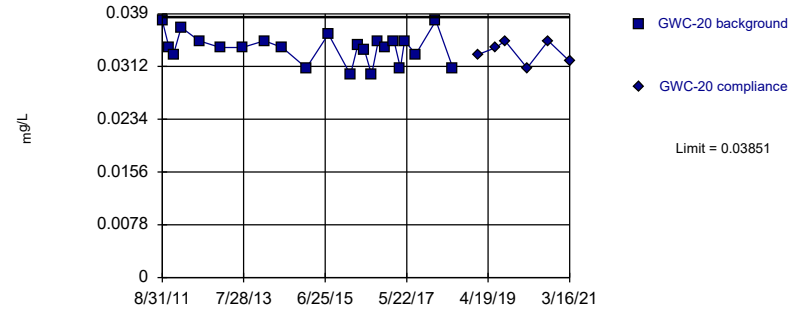


Background Data Summary: Mean=0.06187, Std. Dev.=0.02567, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

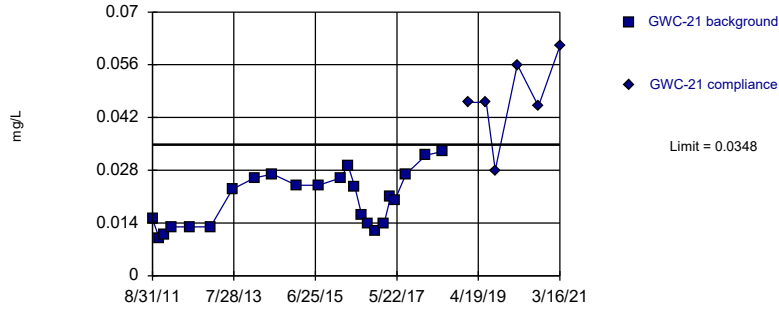


Background Data Summary: Mean=0.03396, Std. Dev.=0.002249, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

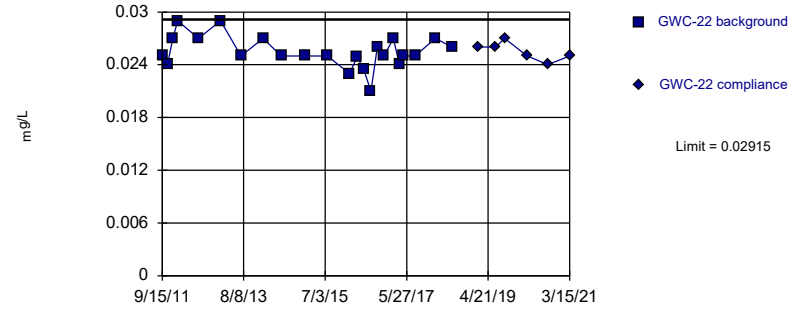


Background Data Summary: Mean=0.0203, Std. Dev.=0.007161, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9246, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

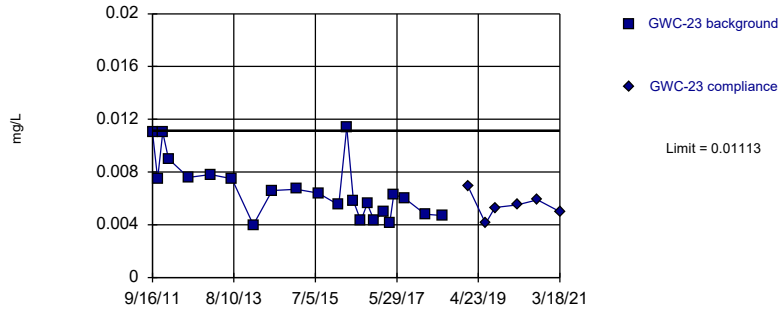


Background Data Summary: Mean=0.02545, Std. Dev.=0.001829, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

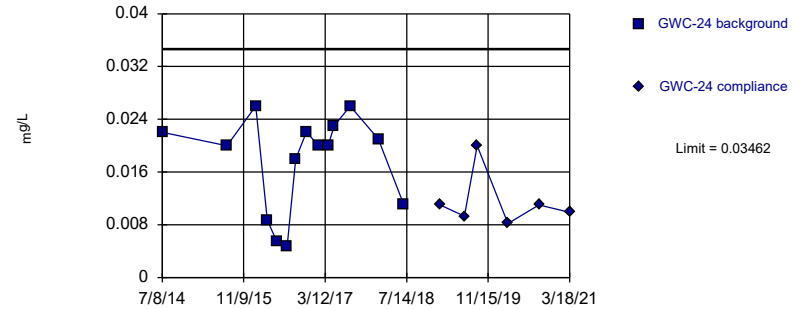


Background Data Summary: Mean=0.006647, Std. Dev.=0.002215, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

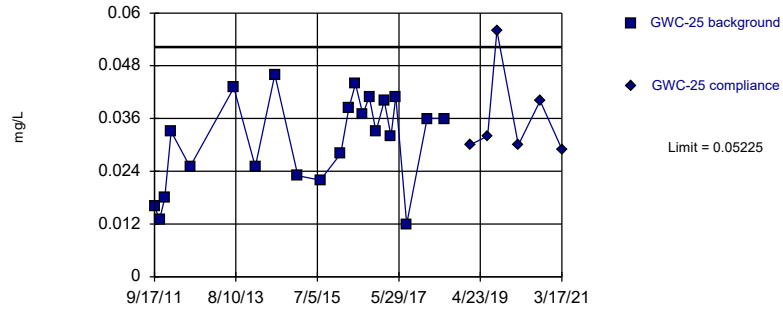


Background Data Summary: Mean=0.01771, Std. Dev.=0.0072, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

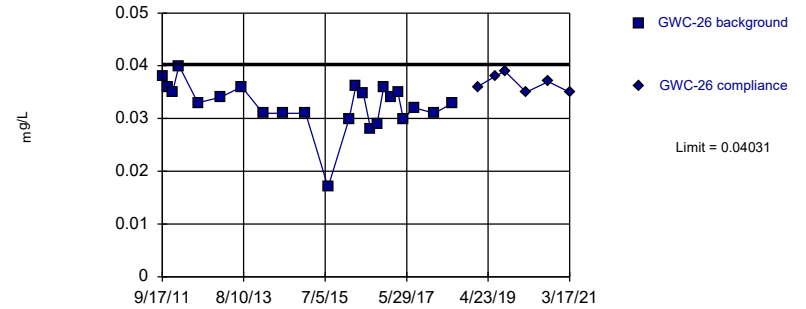


Background Data Summary: Mean=0.03101, Std. Dev.=0.0104, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9416, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

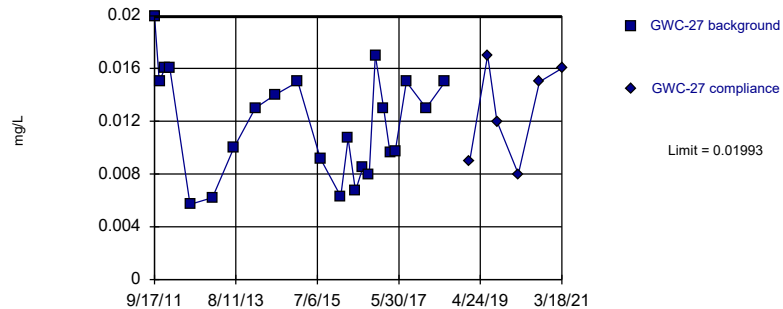


Background Data Summary (based on square transformation): Mean=0.001086, Std. Dev.=0.0002664, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9358, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

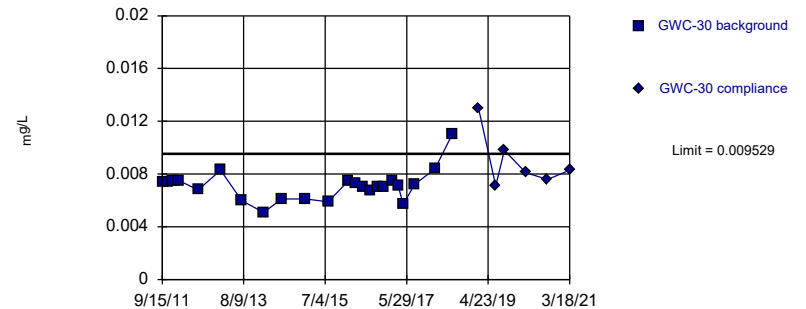


Background Data Summary: Mean=0.01185, Std. Dev.=0.003989, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric



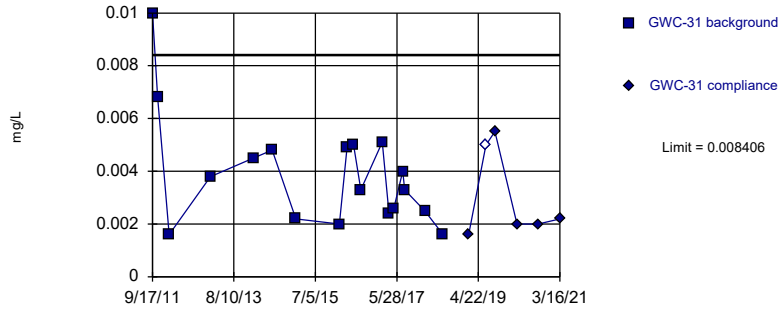
Background Data Summary (based on square root transformation): Mean=0.08407, Std. Dev.=0.006692, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9028, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



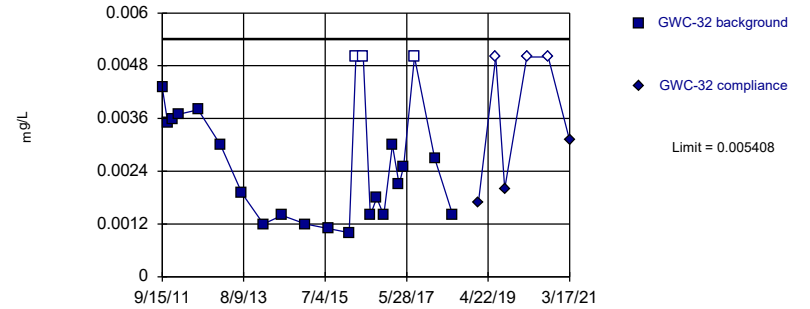
Background Data Summary: Mean=0.003913, Std. Dev.=0.002089, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8697, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



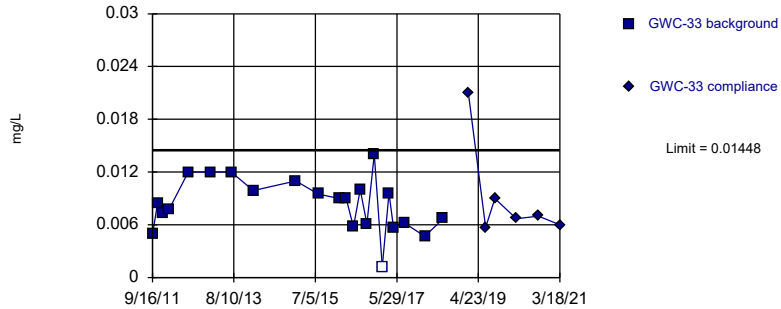
Background Data Summary: Mean=0.002652, Std. Dev.=0.001361, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



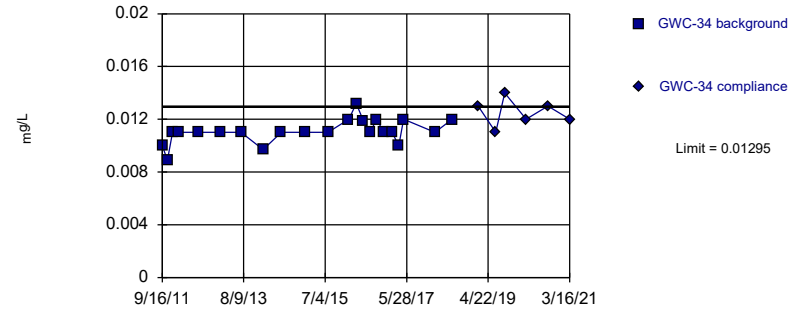
Background Data Summary: Mean=0.008309, Std. Dev.=0.003018, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9796, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG

Within Limit

Prediction Limit
Intrawell Parametric

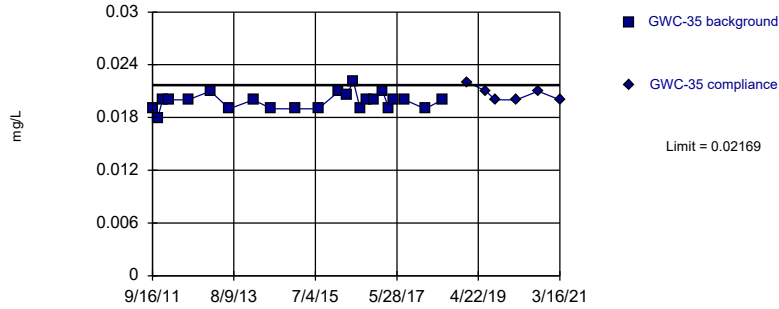


Background Data Summary: Mean=0.011108, Std. Dev.=0.000916, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8839, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

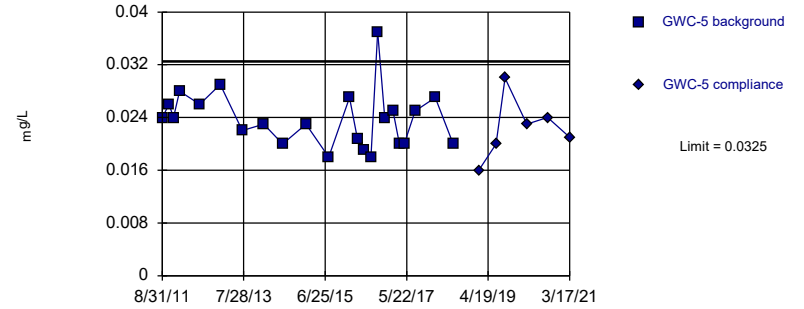


Background Data Summary: Mean=0.01981, Std. Dev.=0.0009285, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9061, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

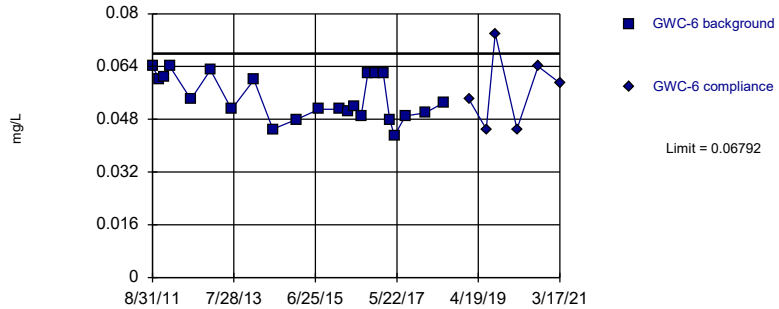


Background Data Summary: Mean=0.02373, Std. Dev.=0.004334, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9097, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

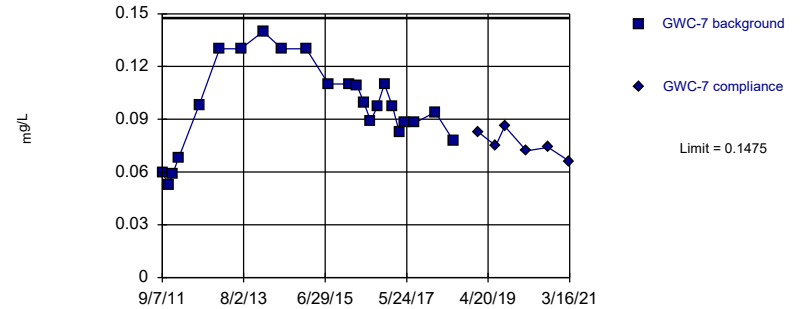


Background Data Summary: Mean=0.05446, Std. Dev.=0.006649, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

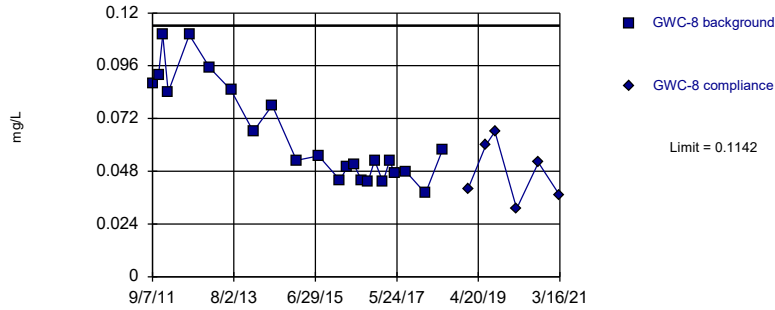


Background Data Summary: Mean=0.09785, Std. Dev.=0.02452, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9582, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

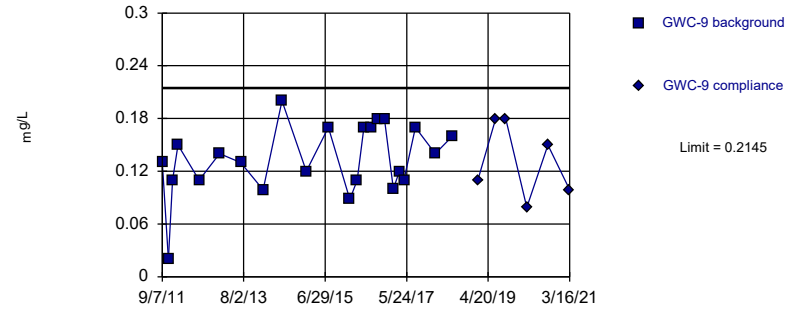


Background Data Summary (based on square root transformation): Mean=0.2509, Std. Dev.=0.04301, n=23.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8862, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



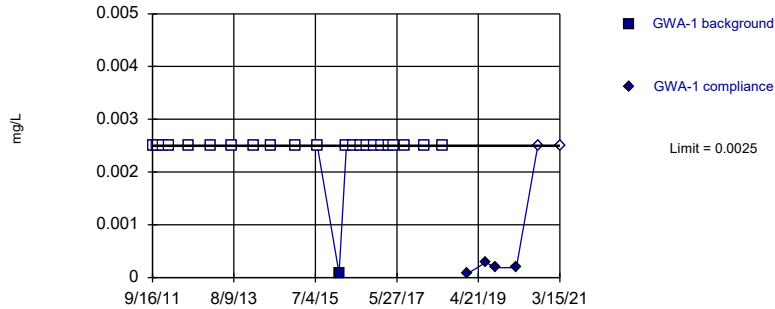
Background Data Summary: Mean=0.1338, Std. Dev.=0.03988, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



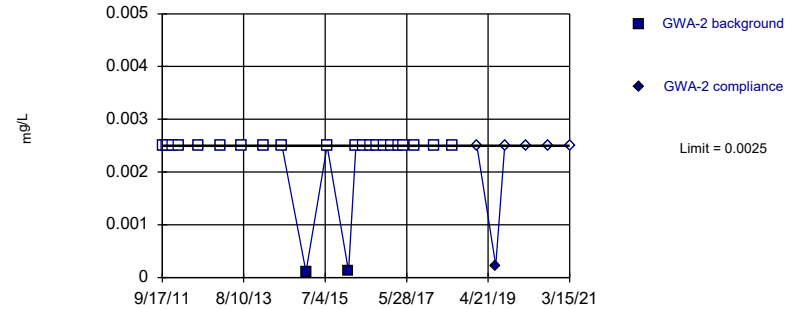
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

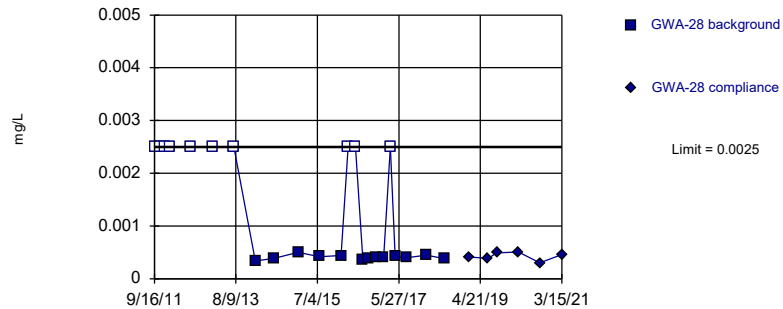


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

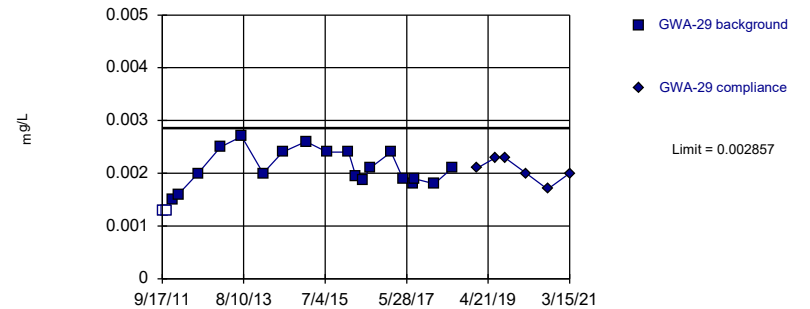


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

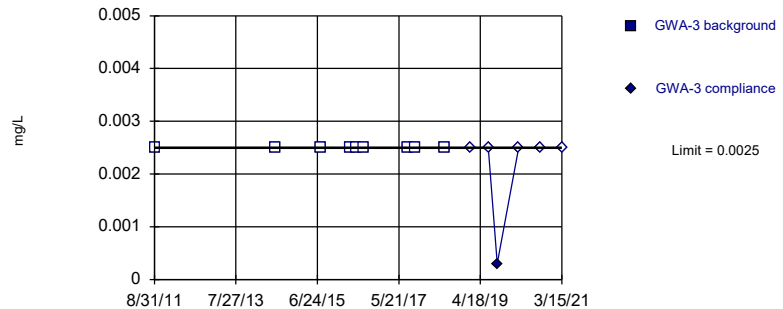


Background Data Summary: Mean=0.002025, Std. Dev.=0.0004034, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

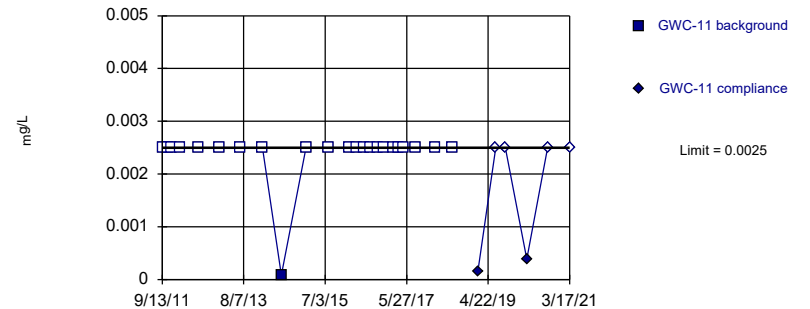


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

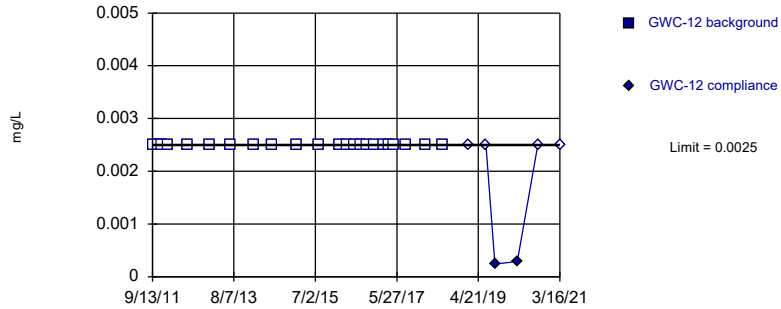


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

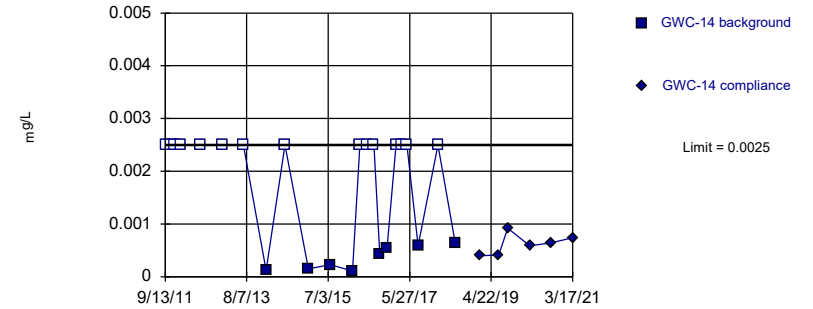


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

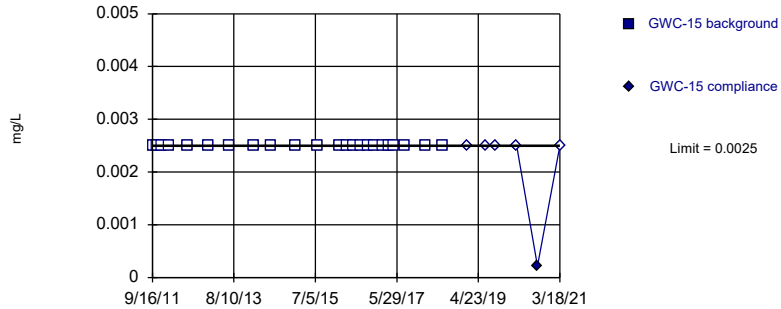


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

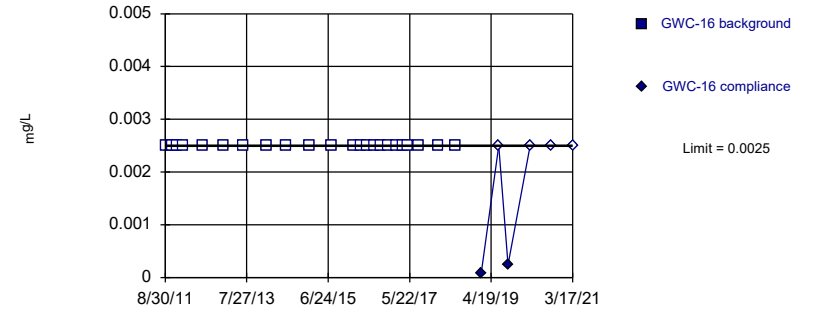


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

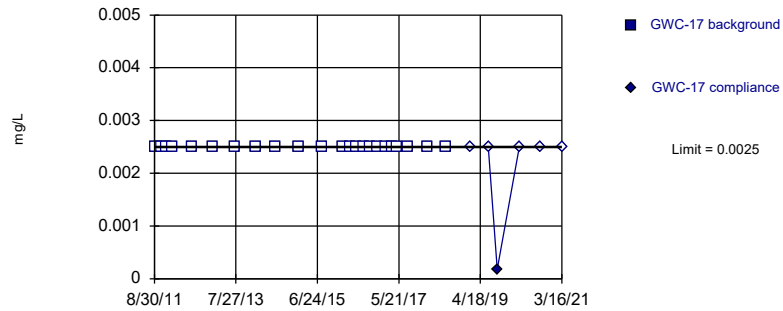


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

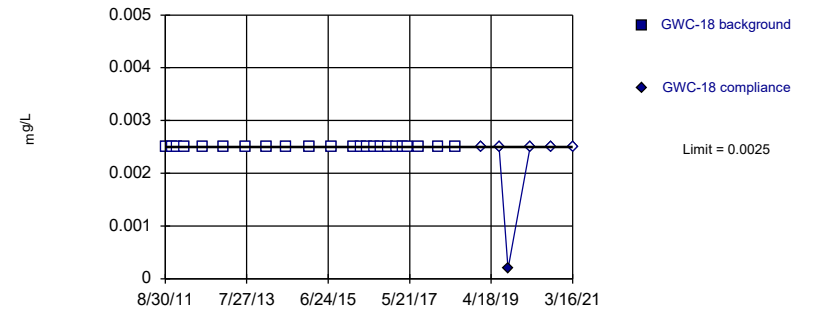


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

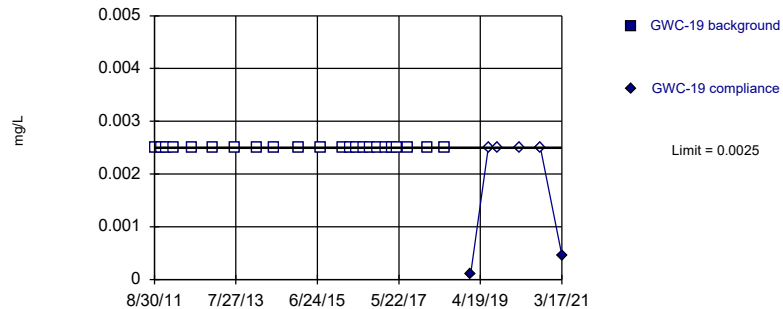


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

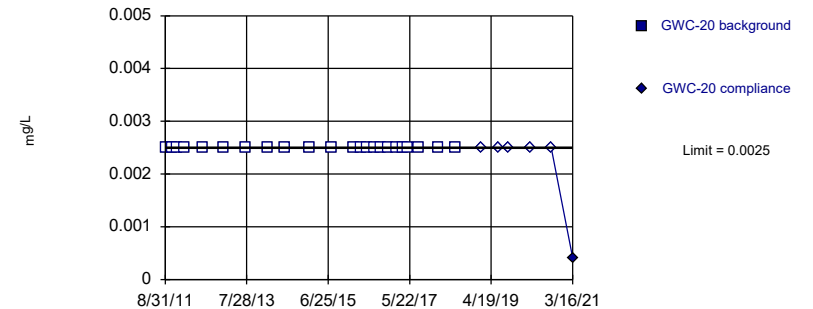


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

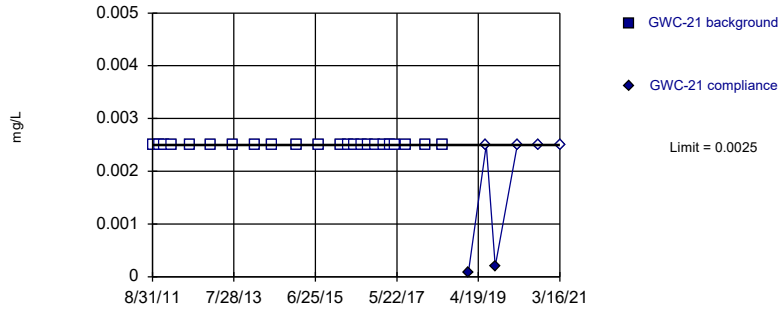


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

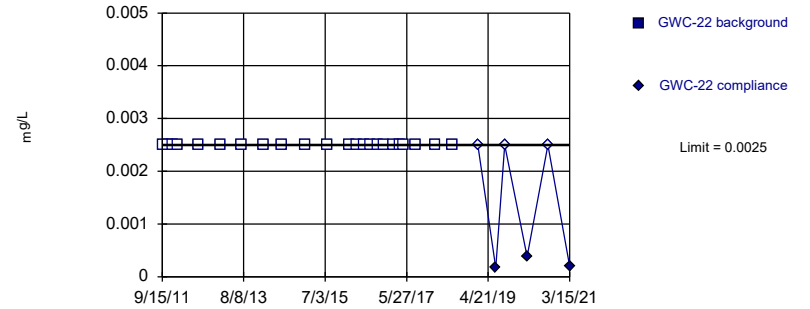


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

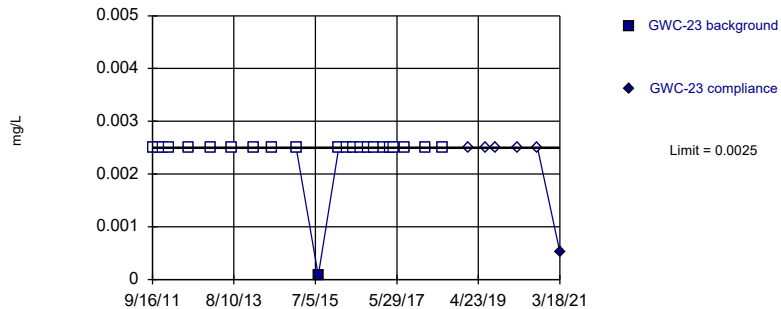


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

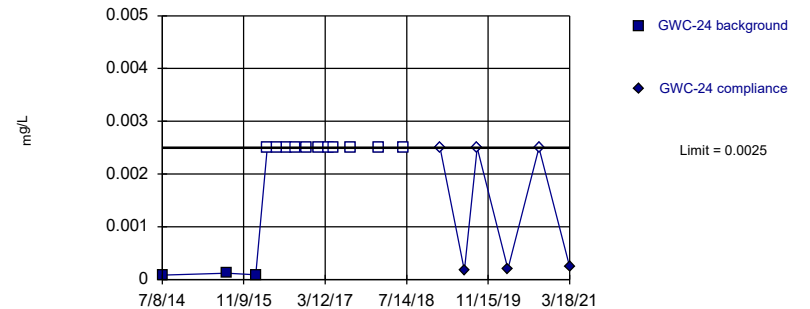


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

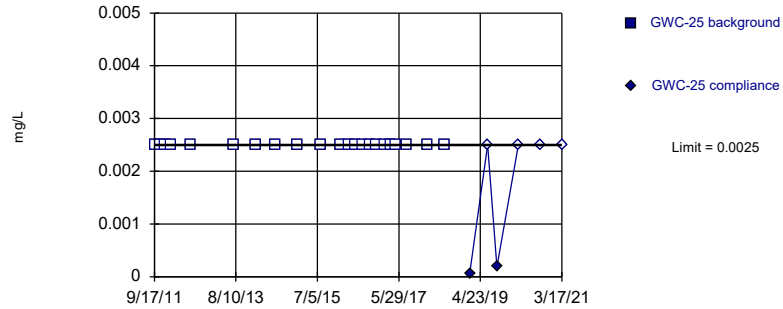


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

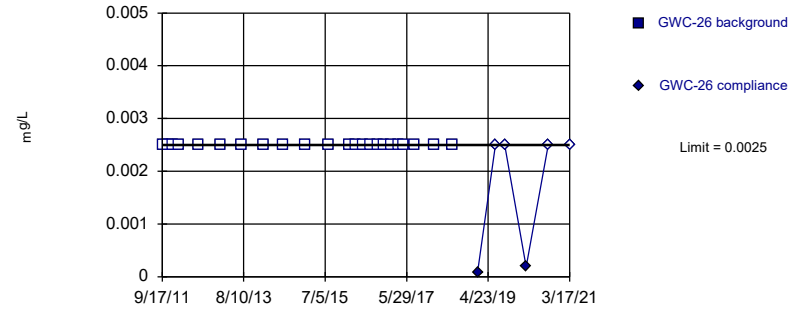


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

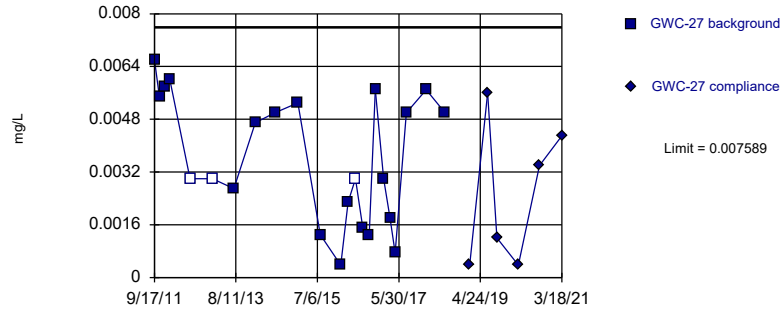


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

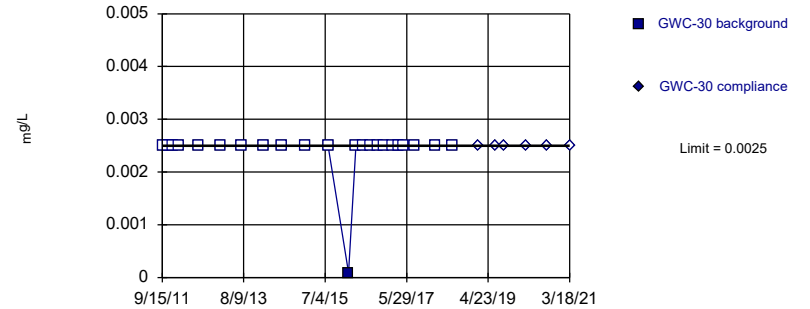


Background Data Summary: Mean=0.003666, Std. Dev.=0.001938, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

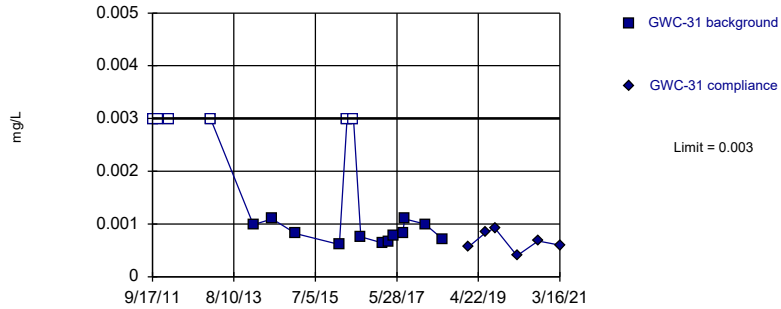


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

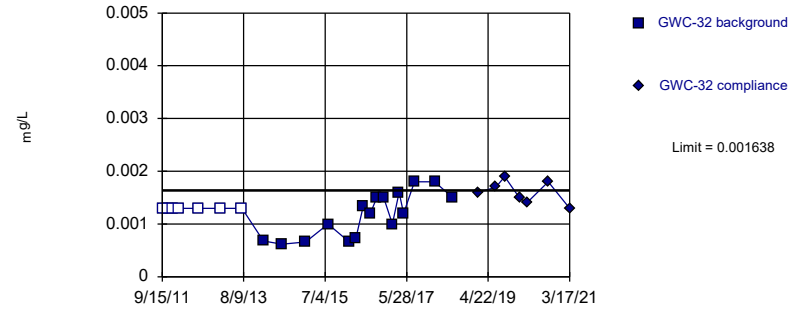


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

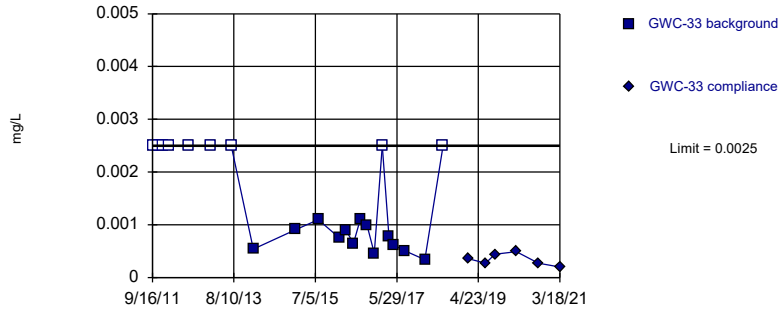


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0009112, Std. Dev.=0.0003589, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9131, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

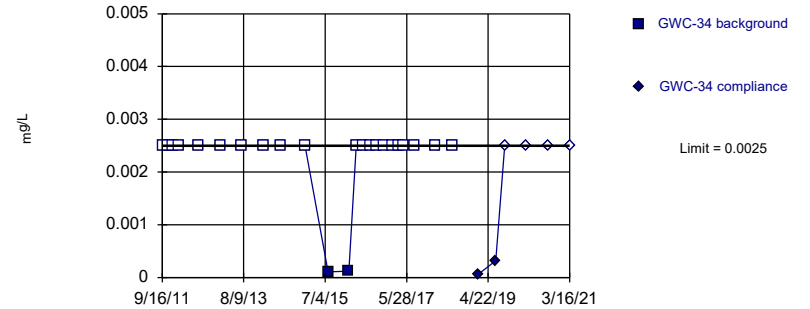


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 40.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

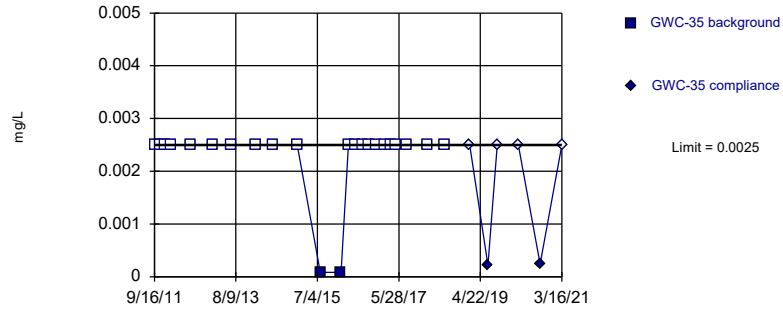


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

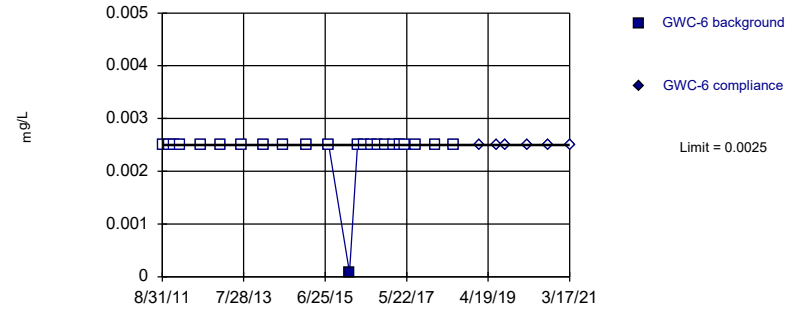


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

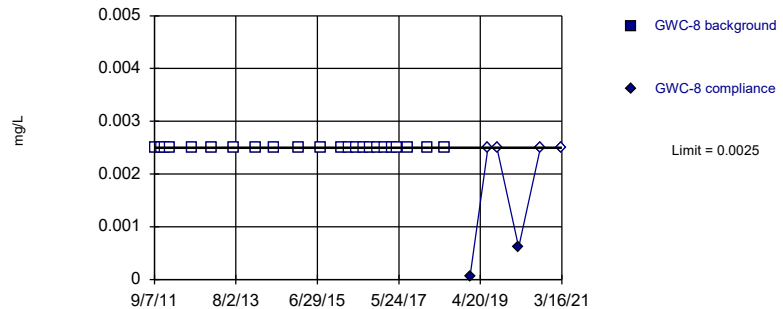


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

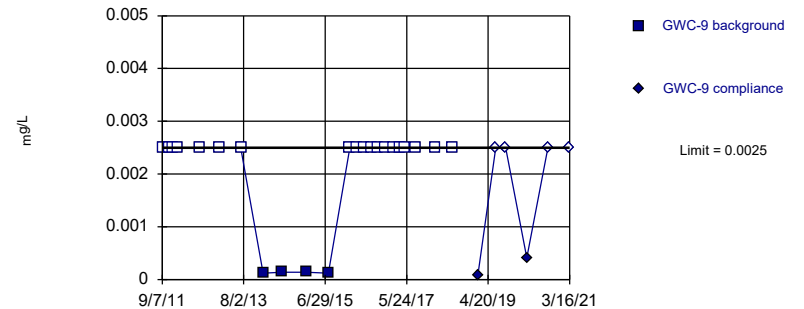


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

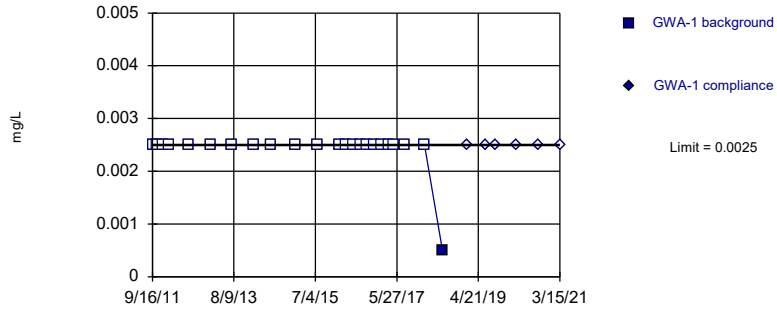


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

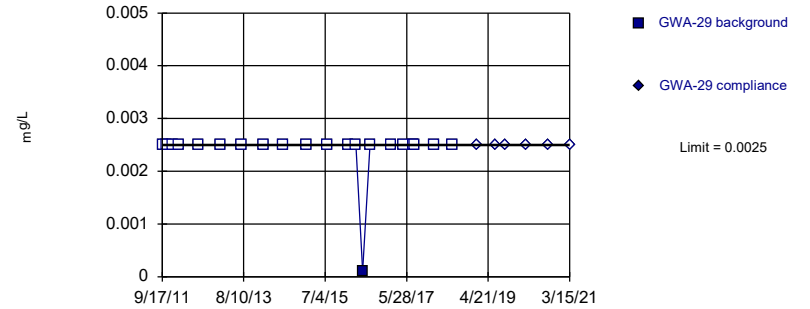


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

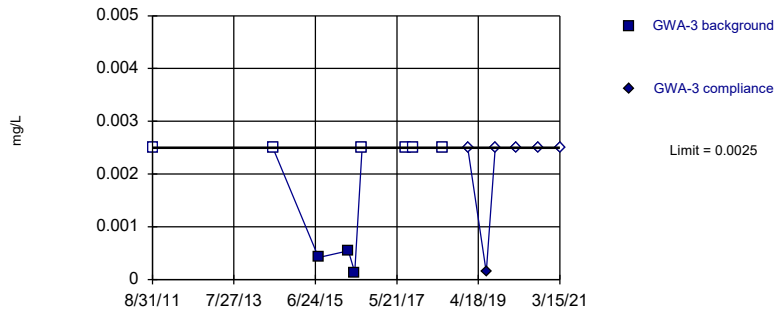


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

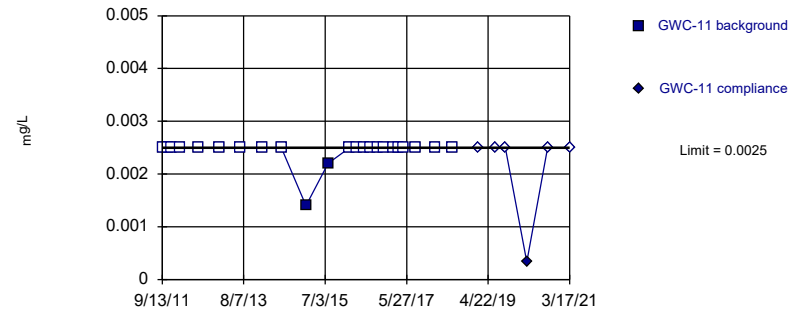


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

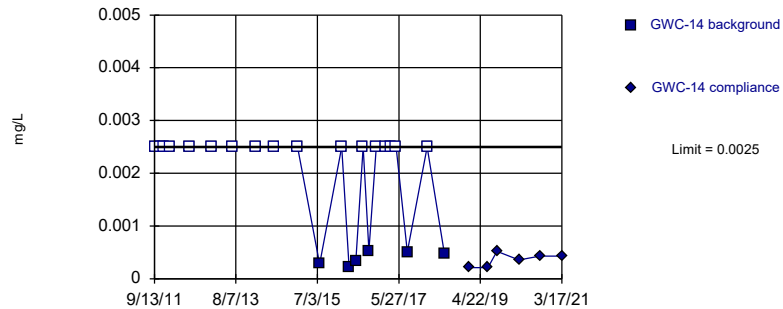


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

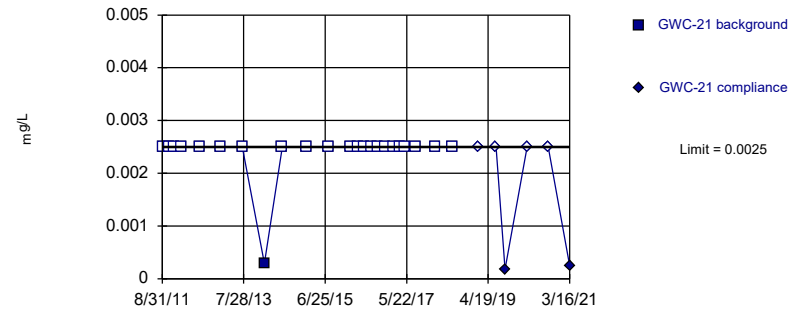


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

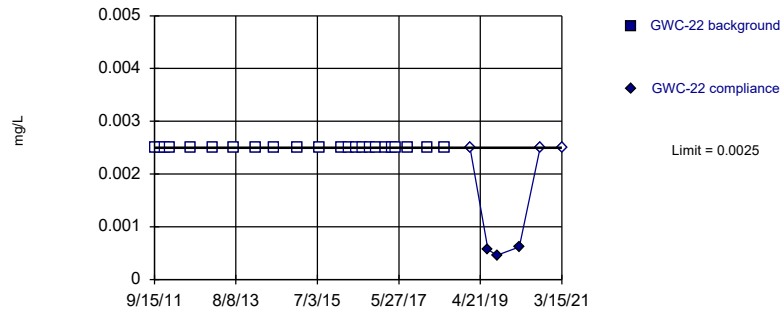


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

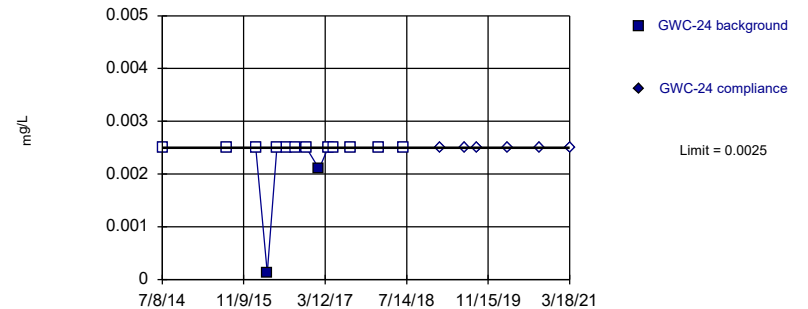


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

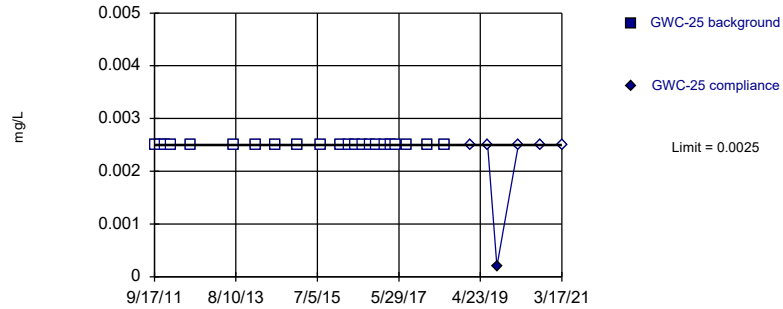


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

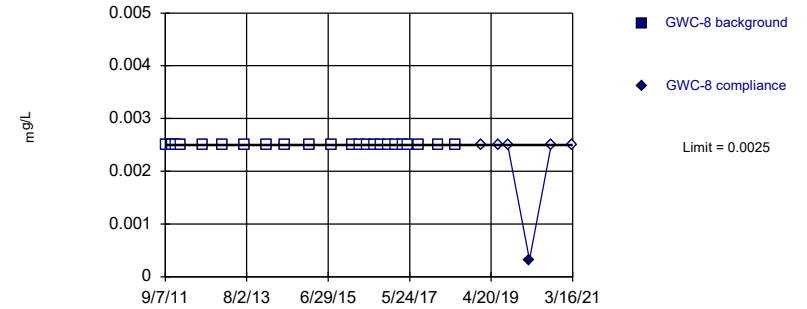


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

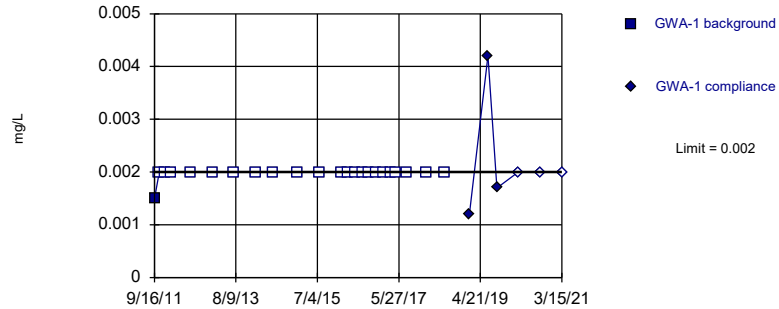


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

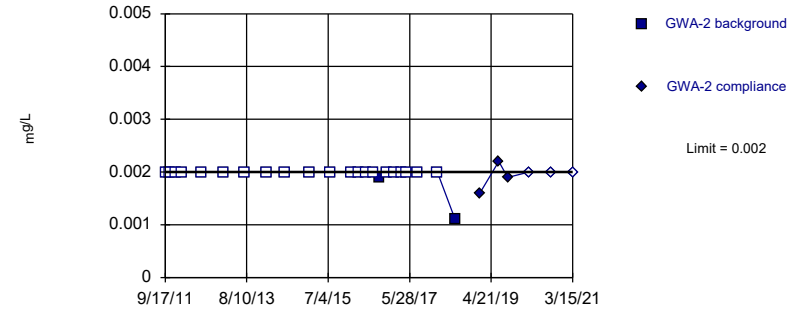


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

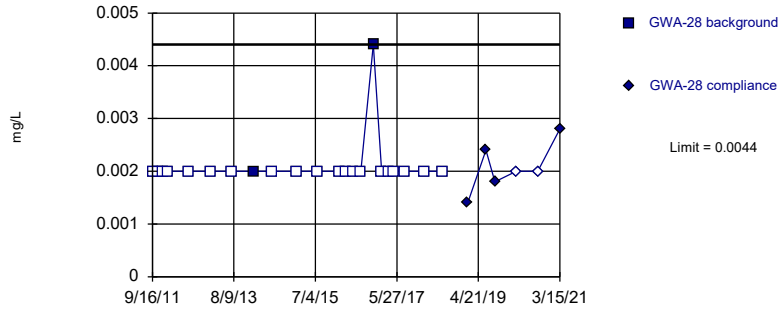


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

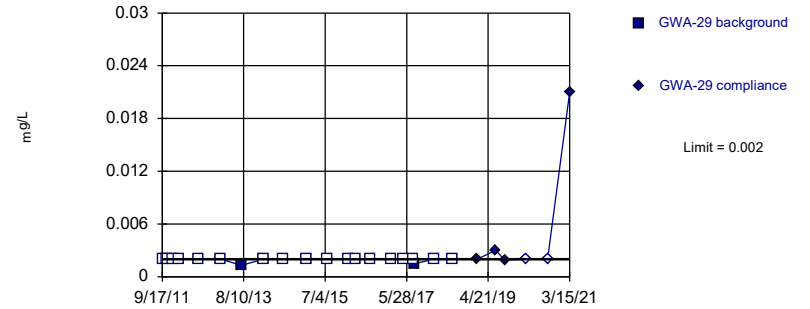


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

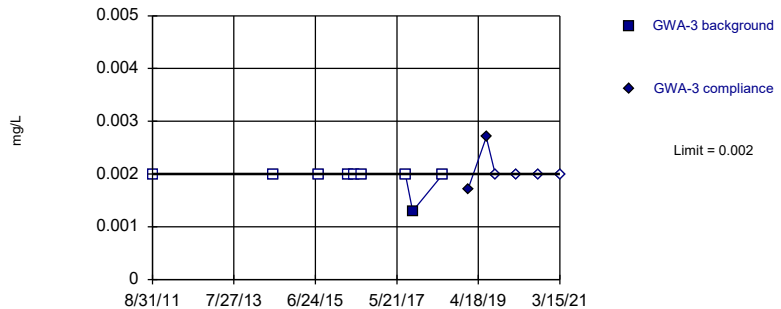


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

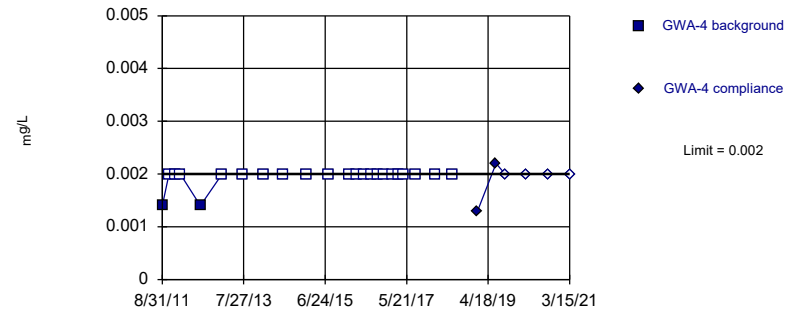


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

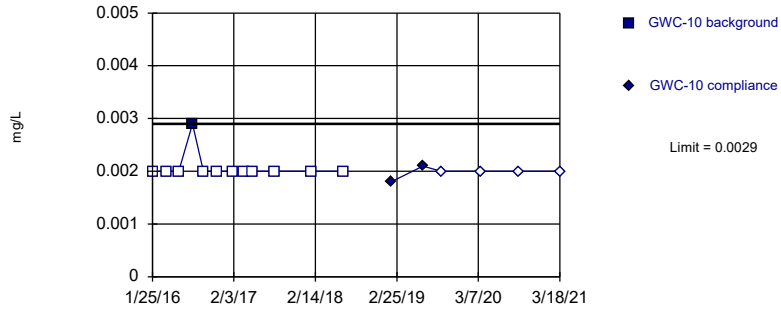


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

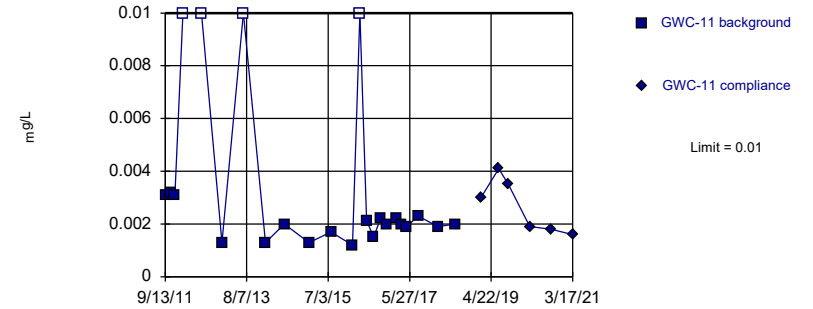


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

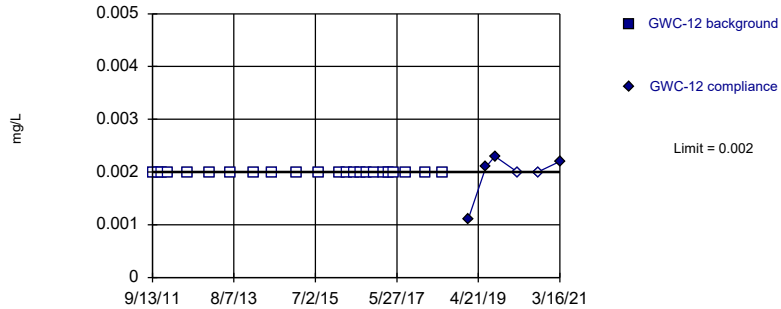


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

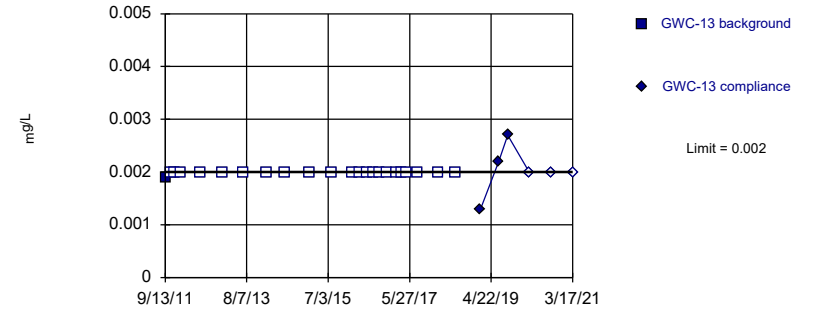


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

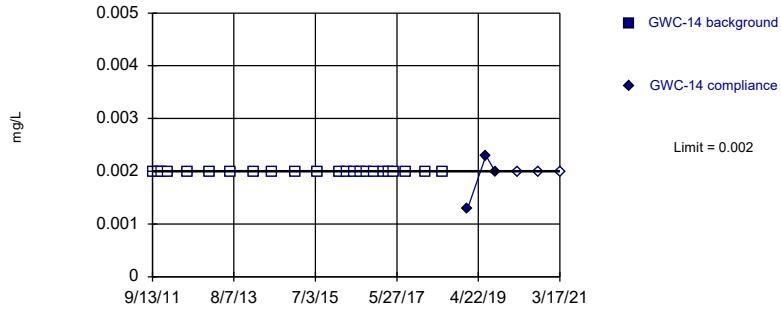


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

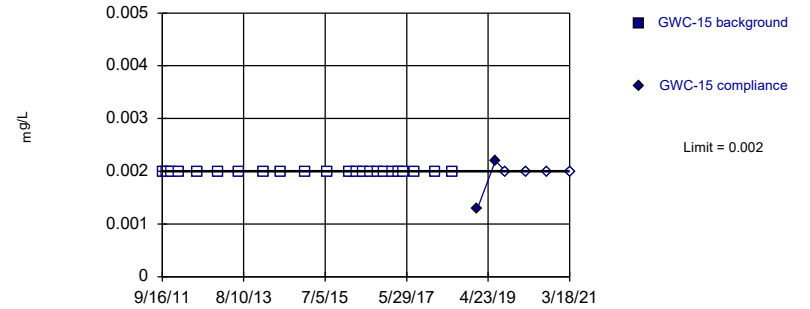


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

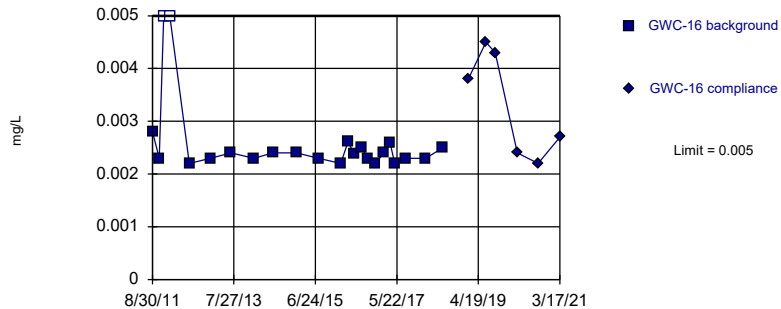


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

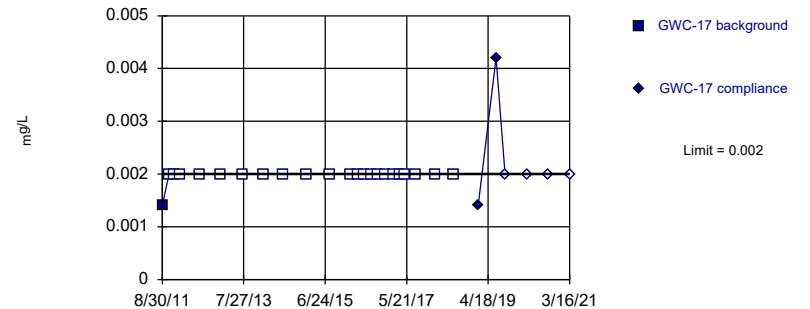


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 8.696% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

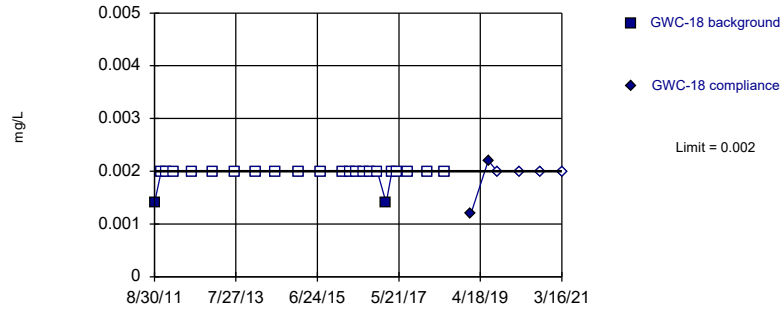


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

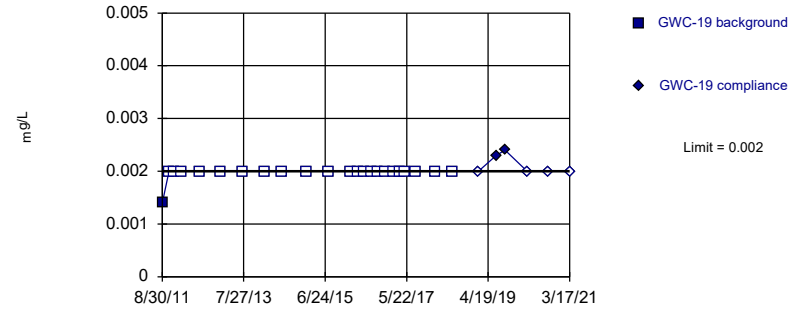


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

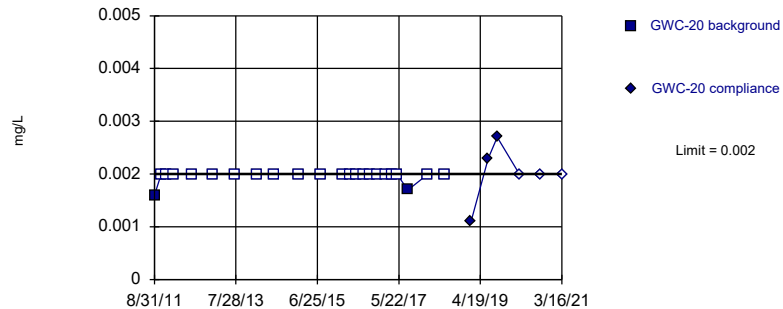


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

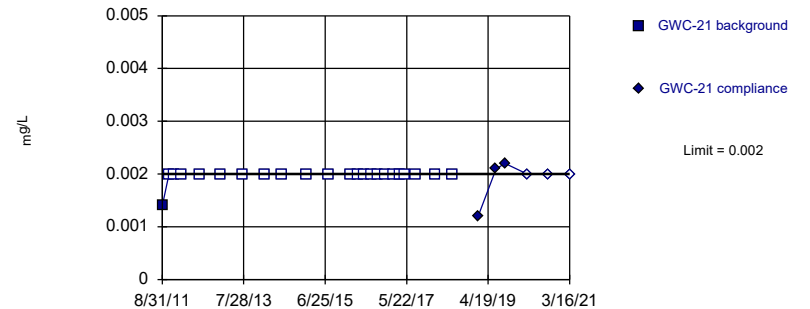


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

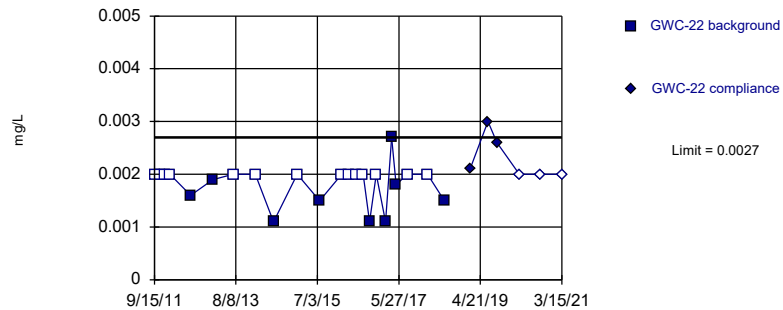


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

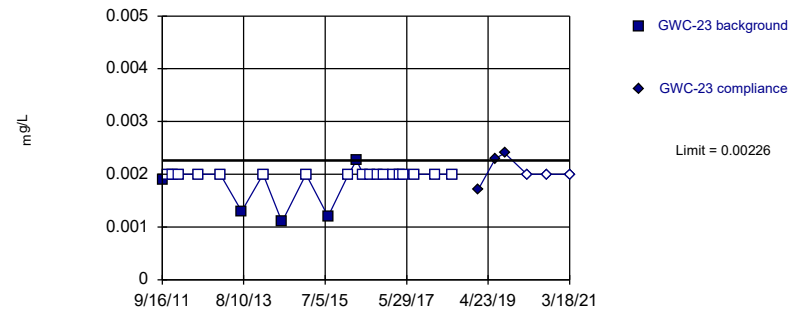


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

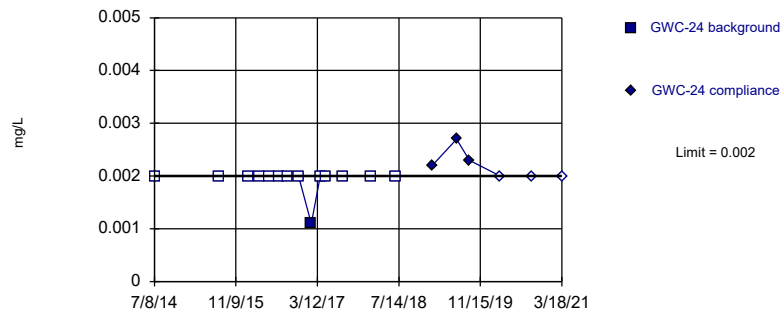


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

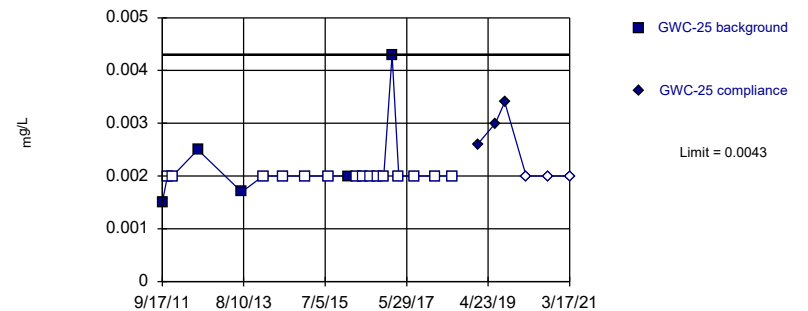


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

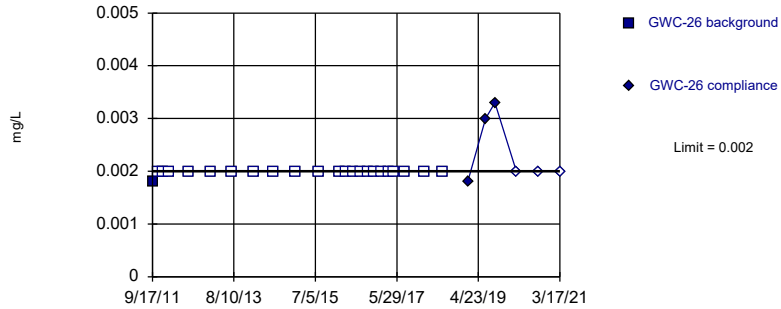


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

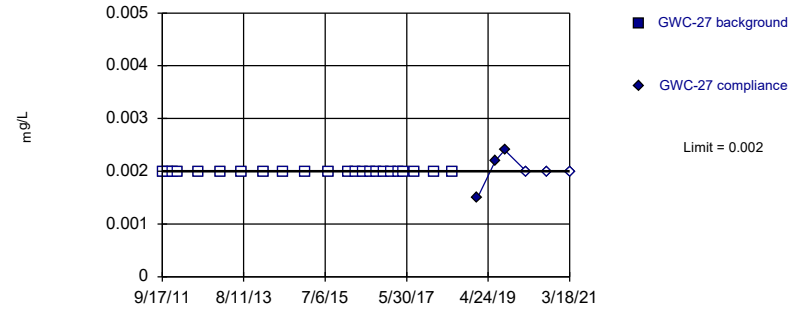


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

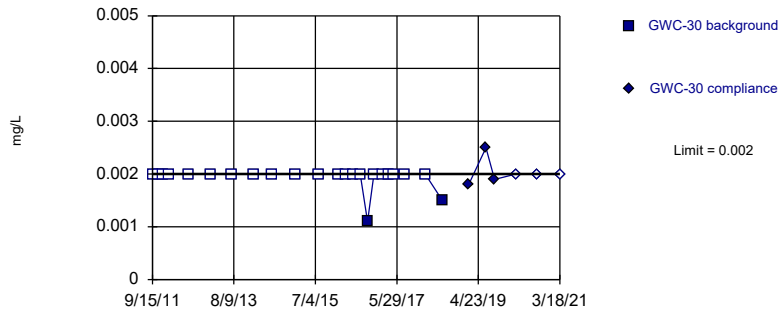


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

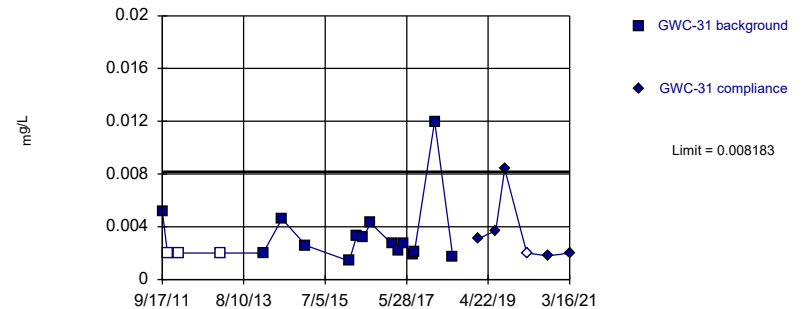


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

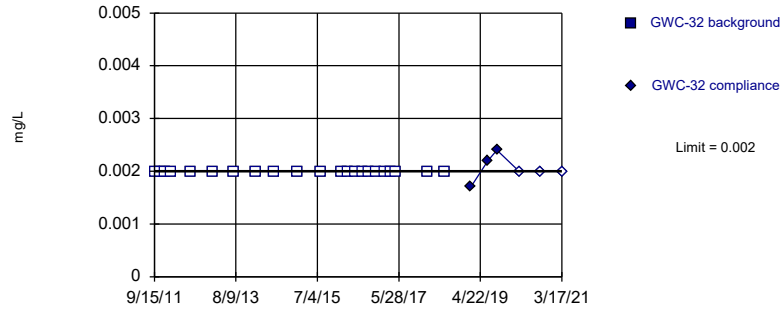


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.938, Std. Dev.=0.5266, n=18, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8728, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

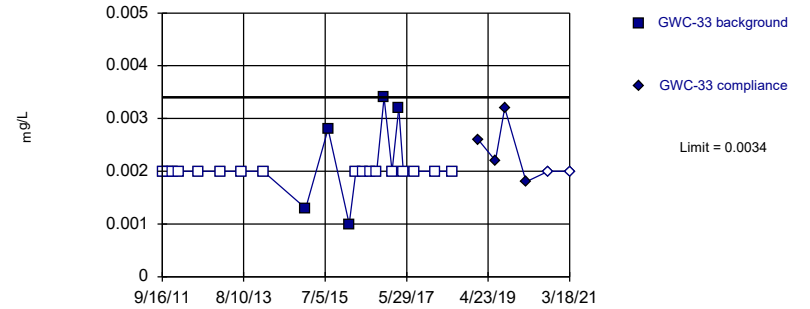


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

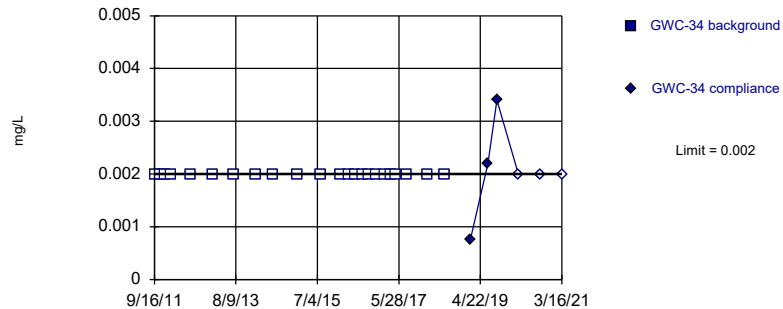


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

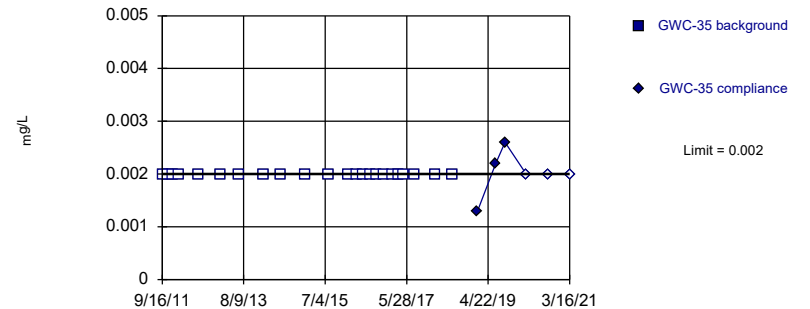


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

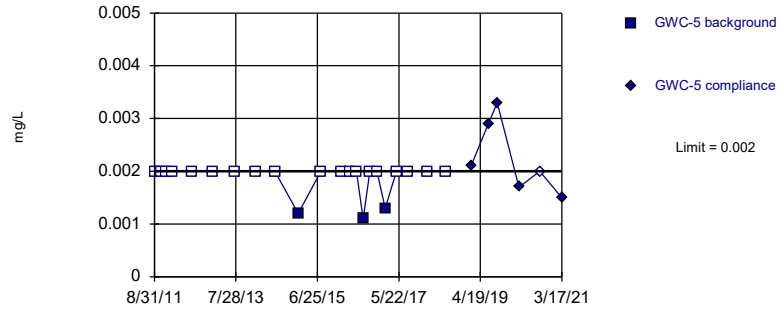


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

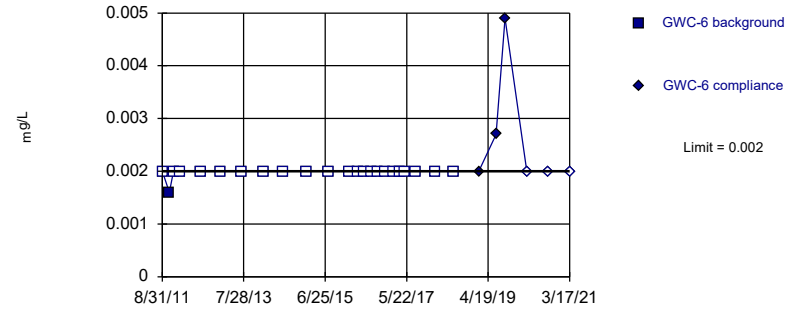


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

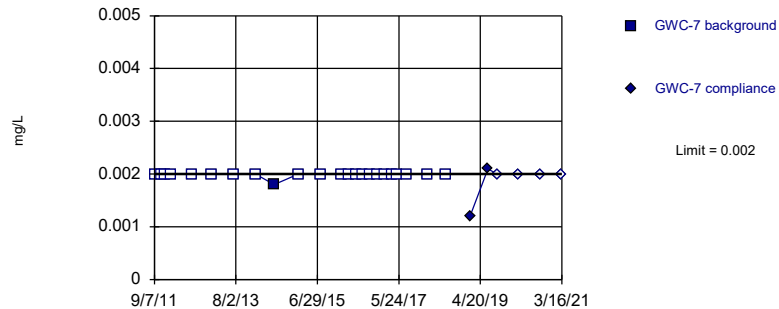


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

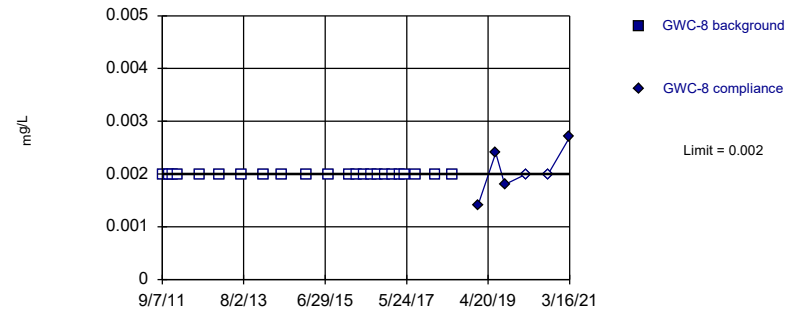


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

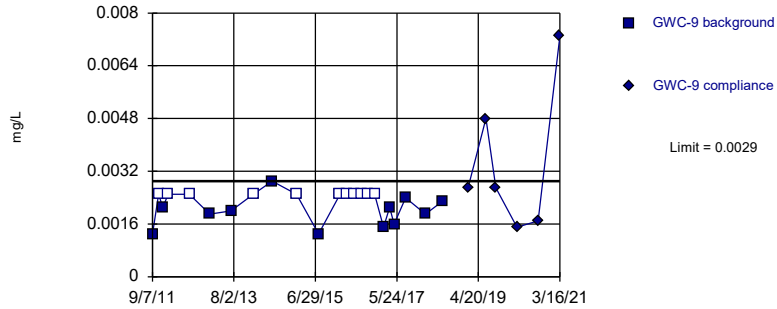


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

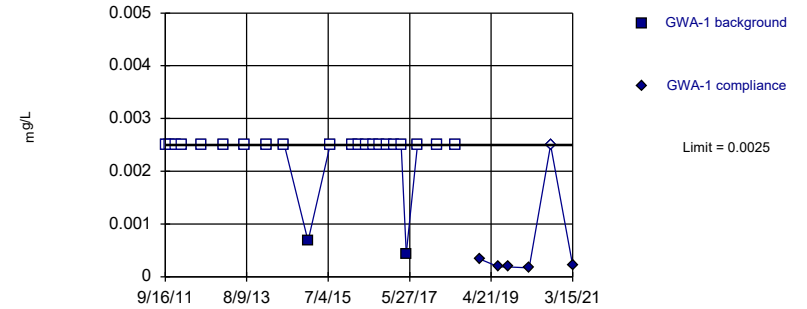


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

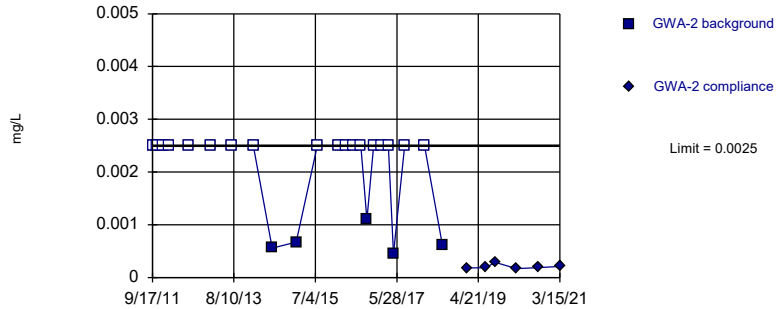


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

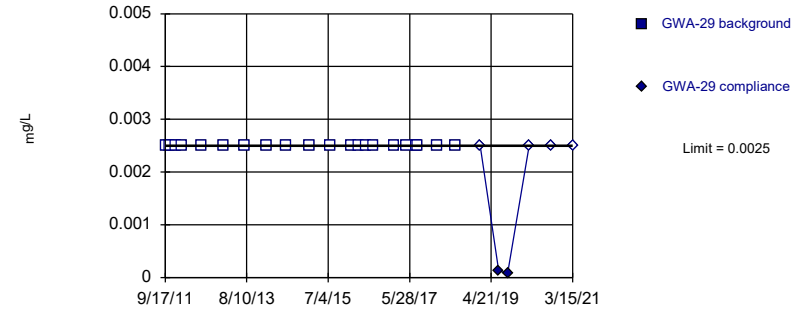


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

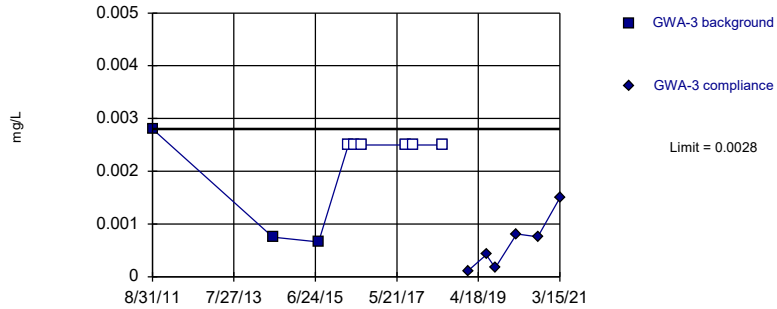


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:46 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

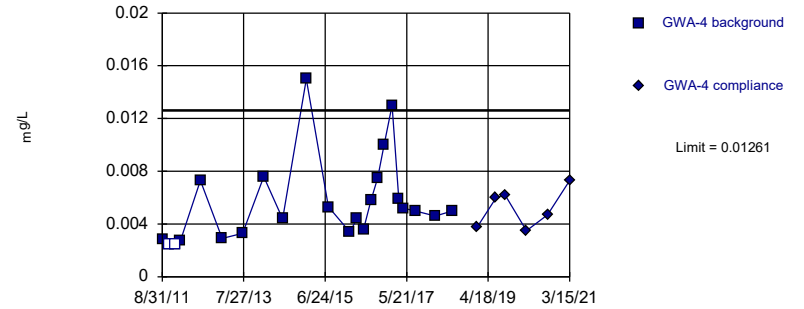


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

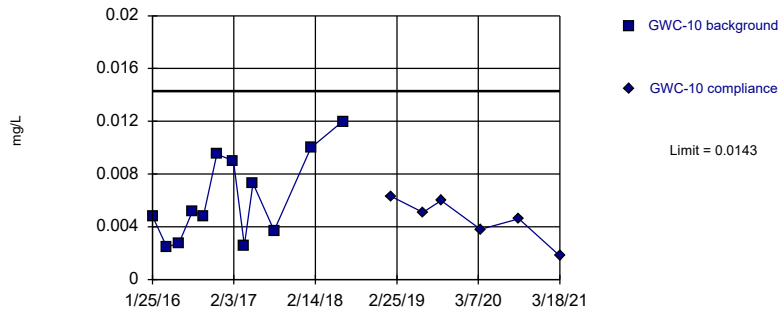


Background Data Summary (based on square root transformation): Mean=0.07262, Std. Dev.=0.01959, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

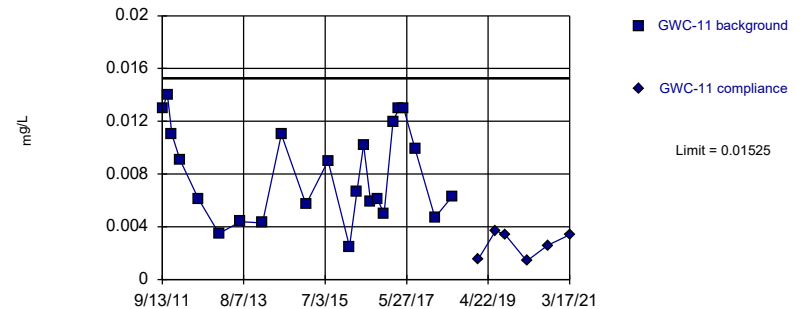


Background Data Summary: Mean=0.006177, Std. Dev.=0.003274, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

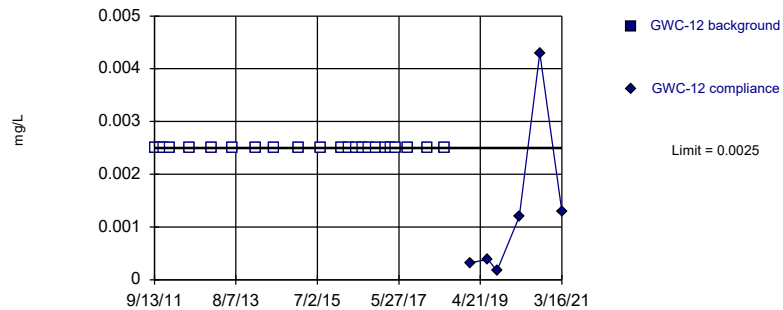


Background Data Summary: Mean=0.008102, Std. Dev.=0.00353, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

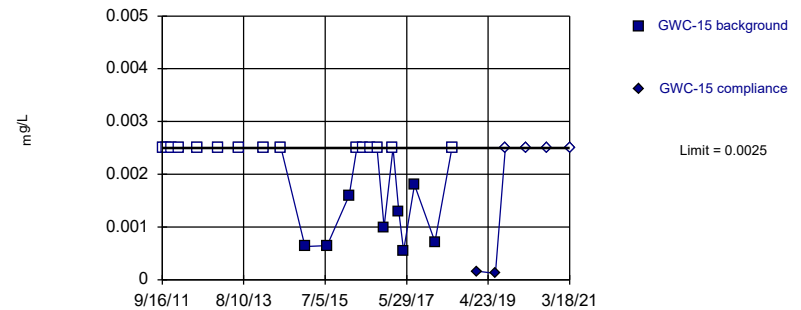


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

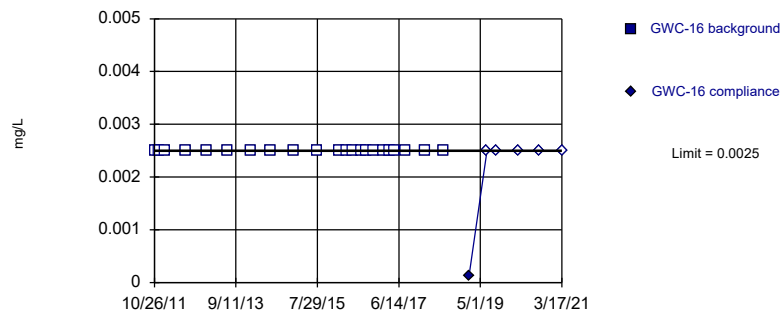


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

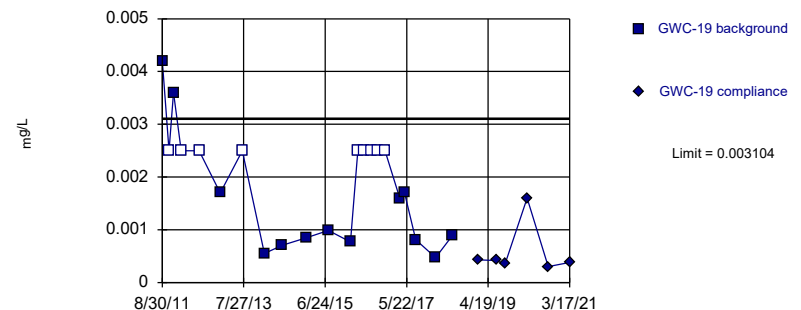


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric



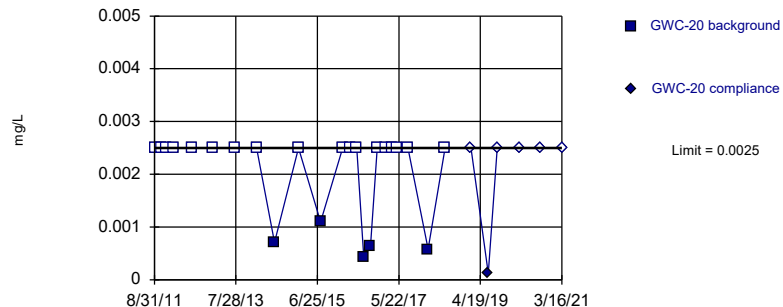
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001198, Std. Dev.=0.000933, n=22, 40.91% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



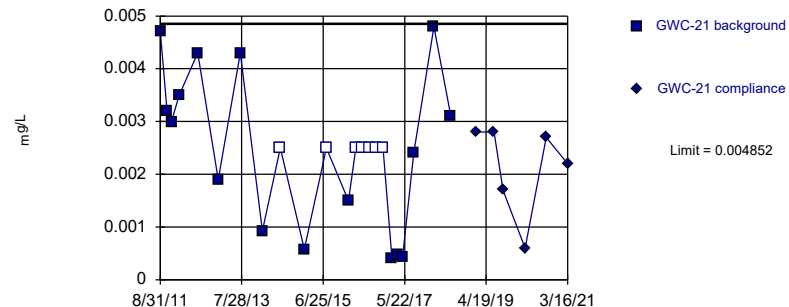
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



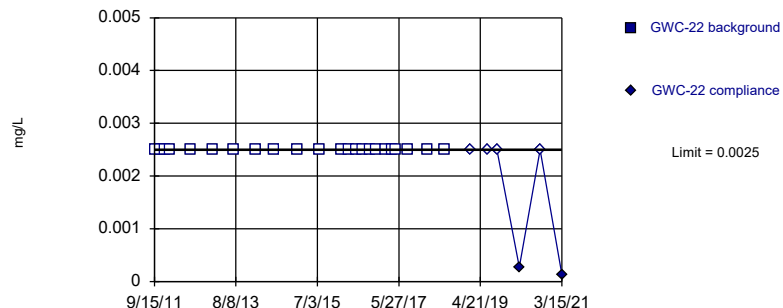
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001925, Std. Dev.=0.001446, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.929, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



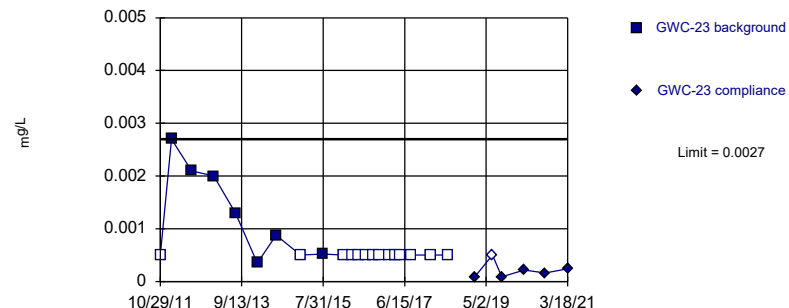
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

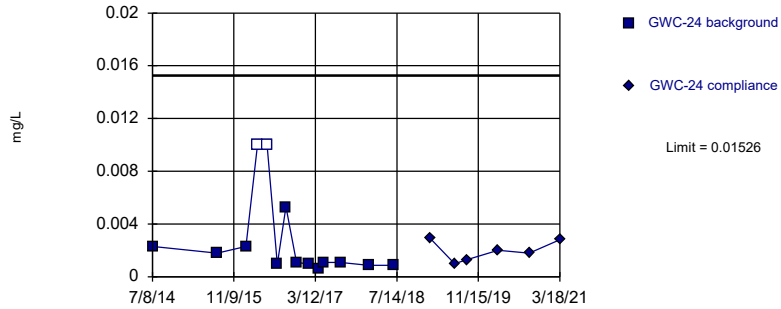


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

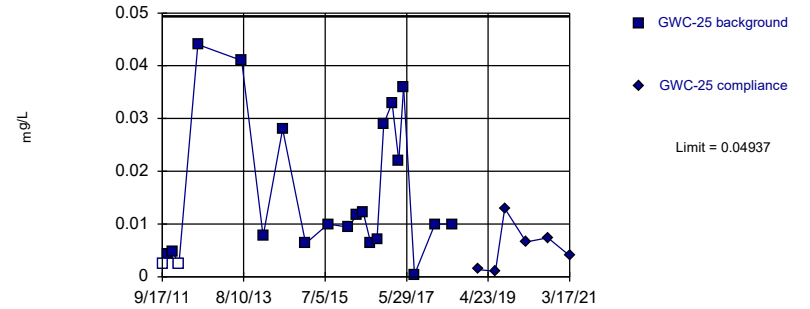


Background Data Summary (based on natural log transformation): Mean=-6.342, Std. Dev.=0.9191, n=14, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8439, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

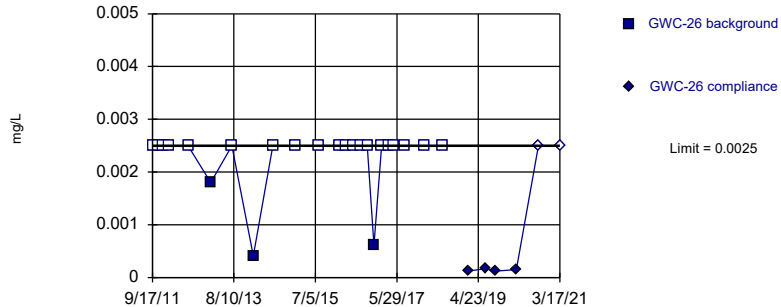


Background Data Summary (based on square root transformation): Mean=0.1123, Std. Dev.=0.05377, n=22, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9332, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

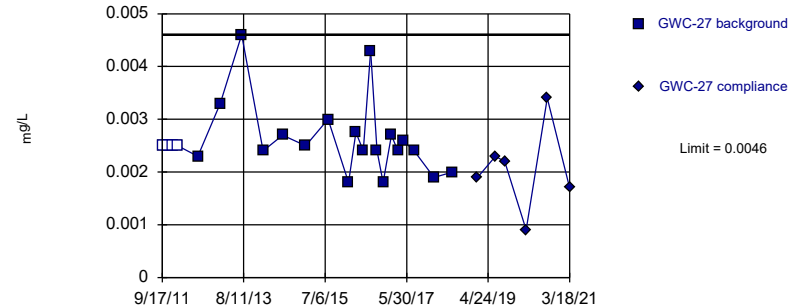


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

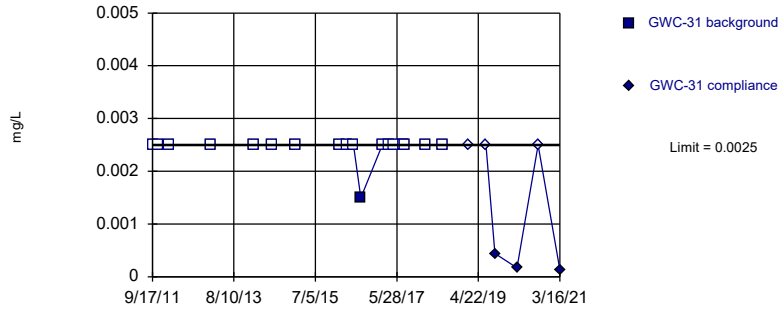


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

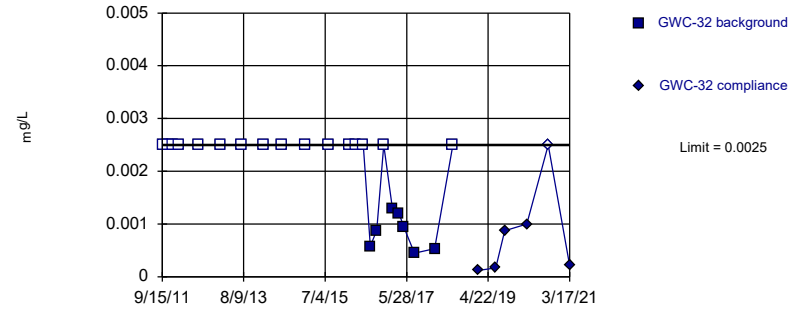


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

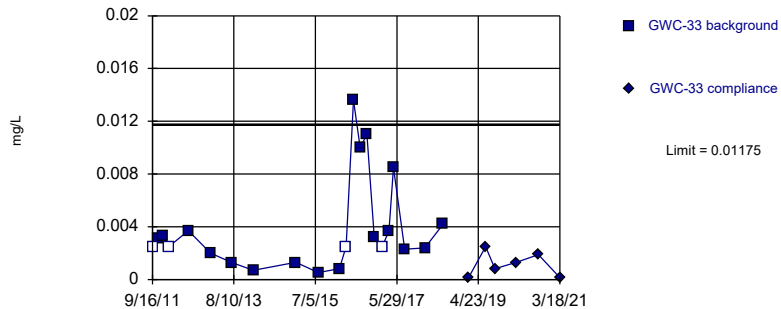


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

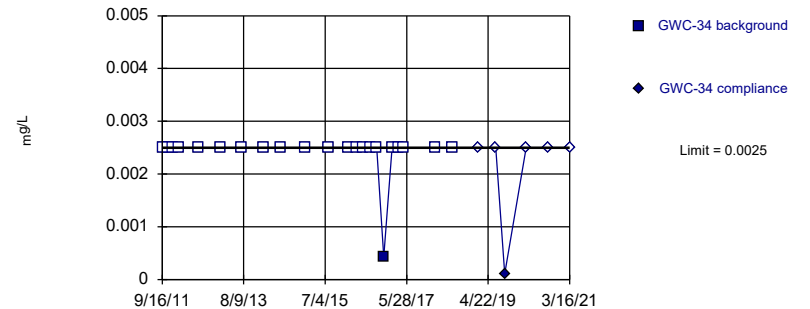


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05328, Std. Dev.=0.02697, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8812, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

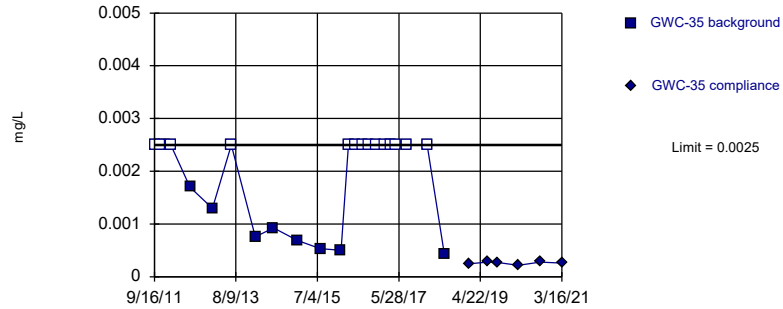


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

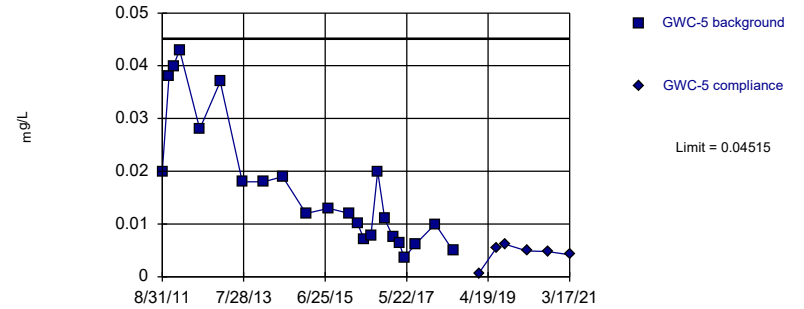


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric

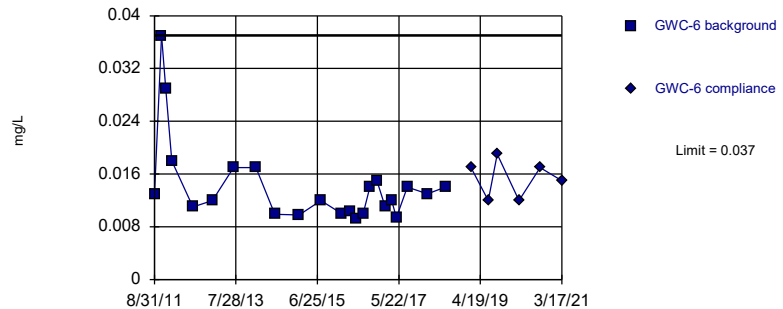


Background Data Summary (based on square root transformation): Mean=0.1233, Std. Dev.=0.04404, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Non-parametric

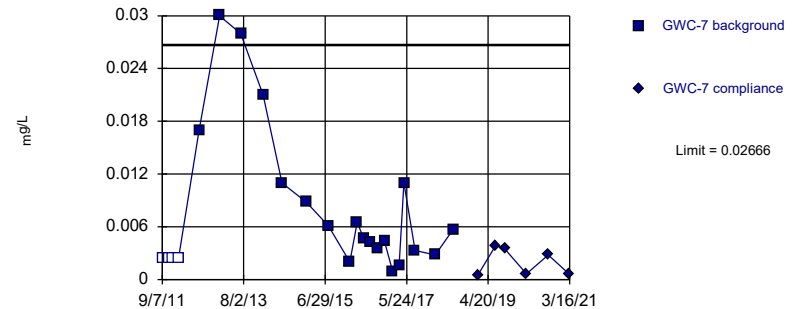


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric

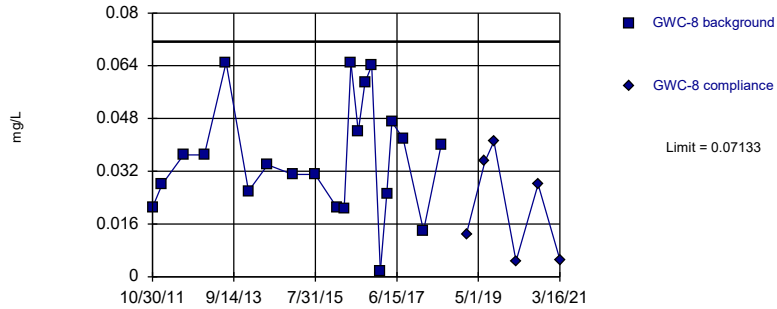


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1738, Std. Dev.=0.0617, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



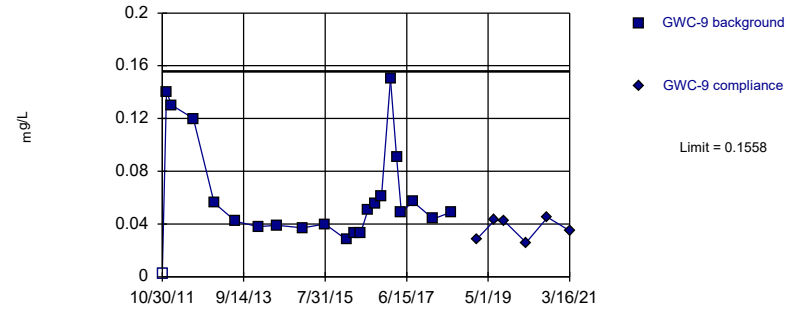
Background Data Summary: Mean=0.03588, Std. Dev.=0.01719, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric



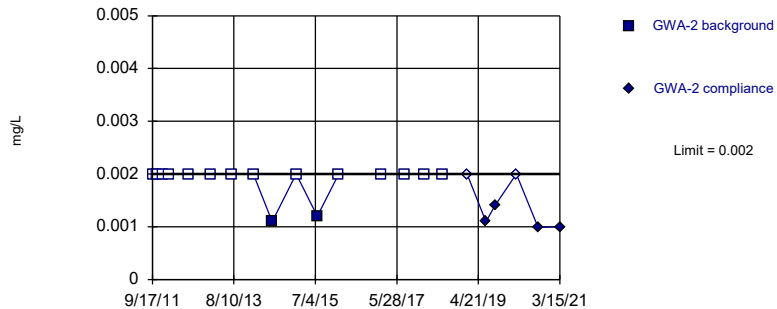
Background Data Summary (based on square root transformation): Mean=0.2353, Std. Dev.=0.07802, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8952, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



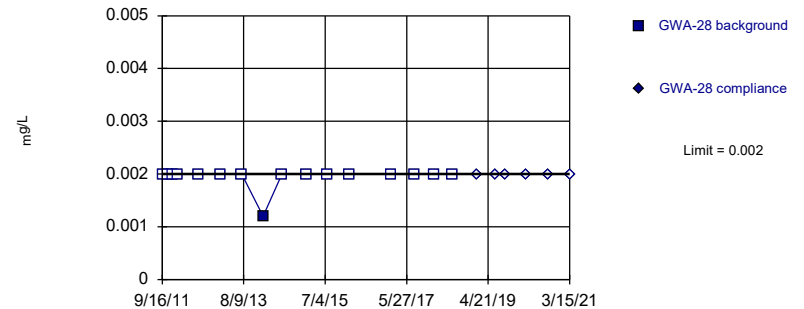
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

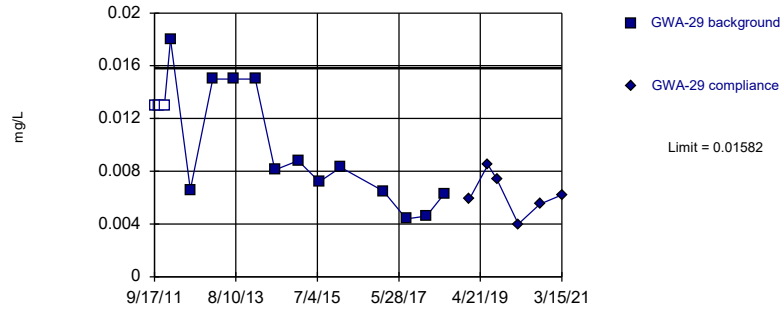


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

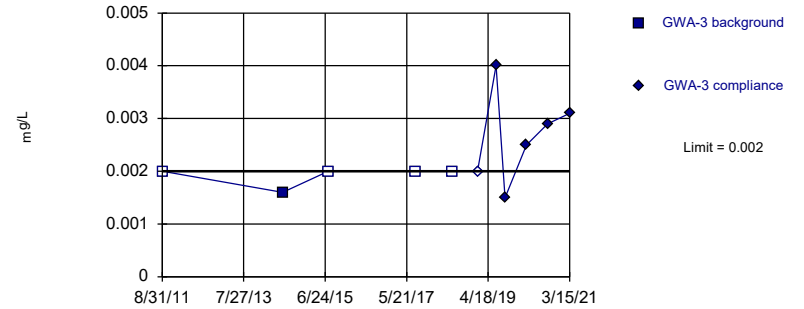


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.007974, Std. Dev.=0.003538, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9107, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

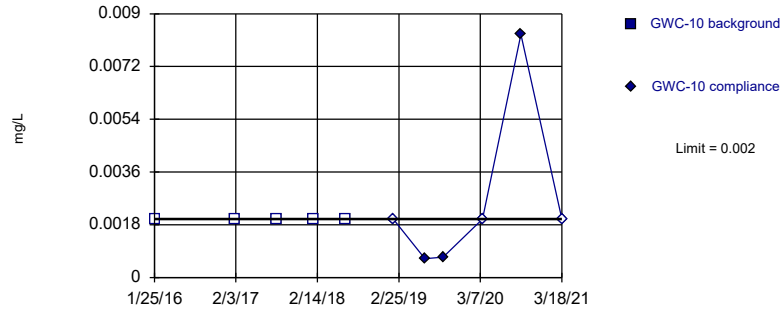


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 80% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

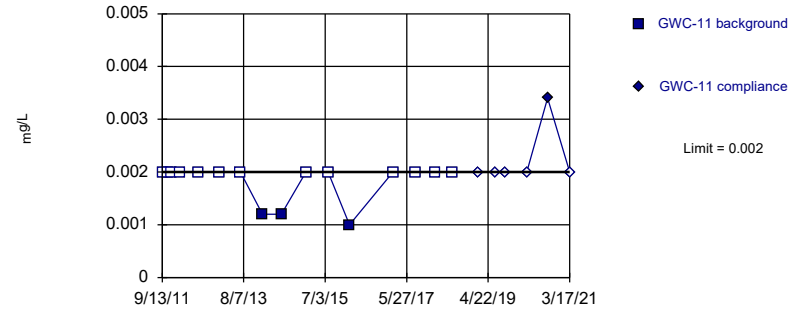


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 5) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

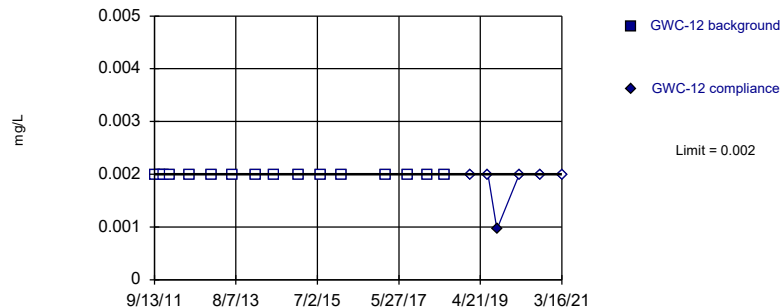


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

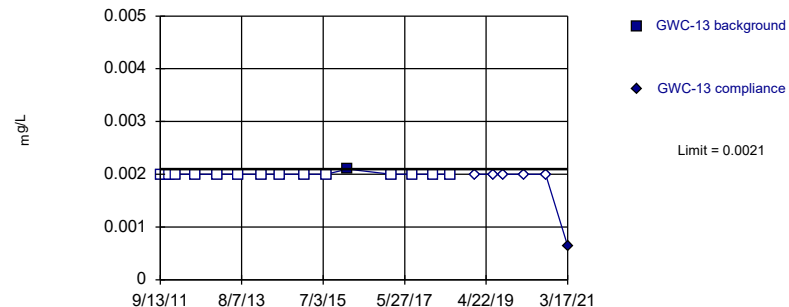


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

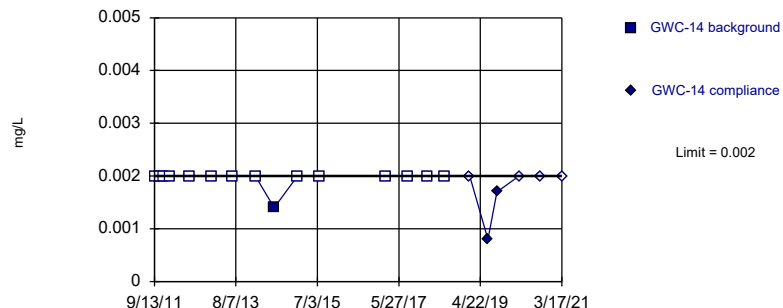


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

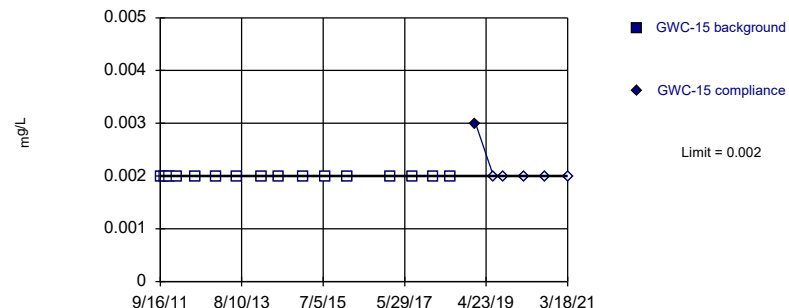


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

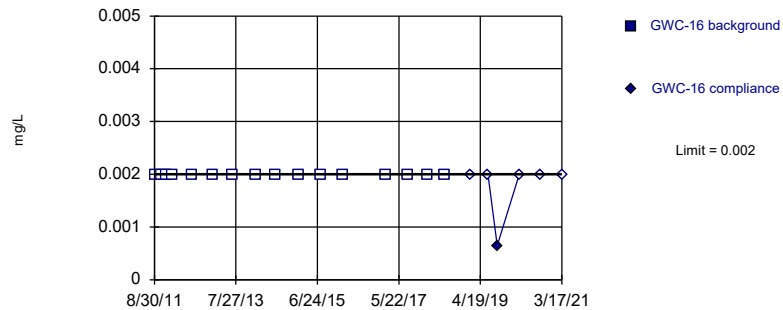


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

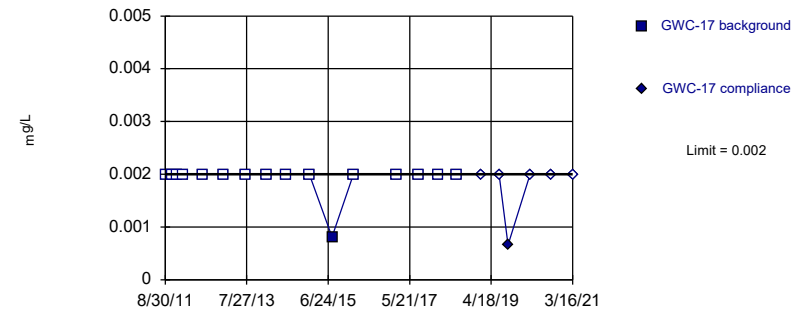


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

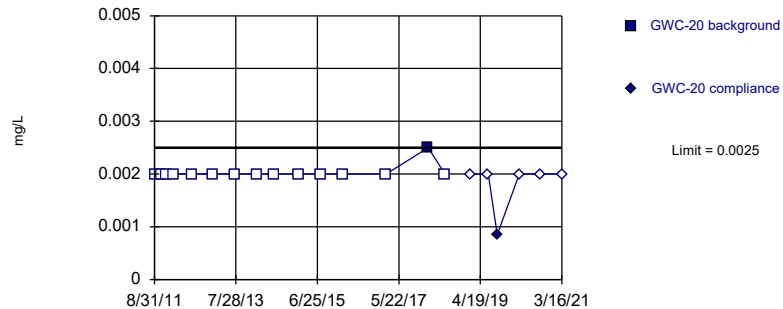


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

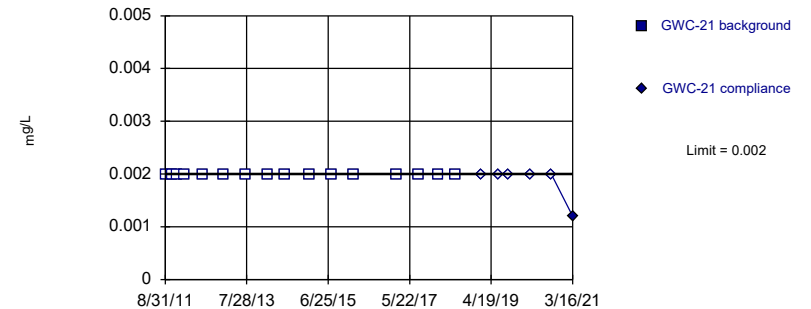


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

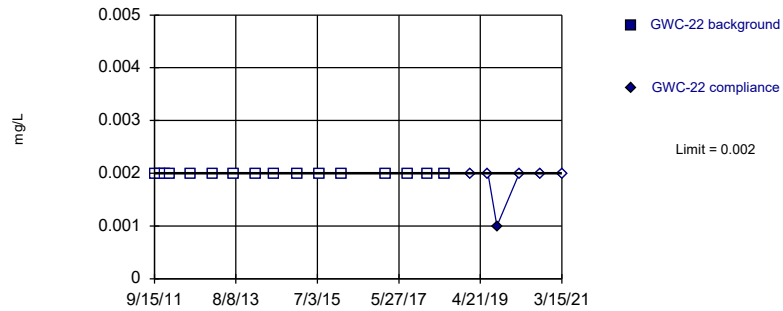


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

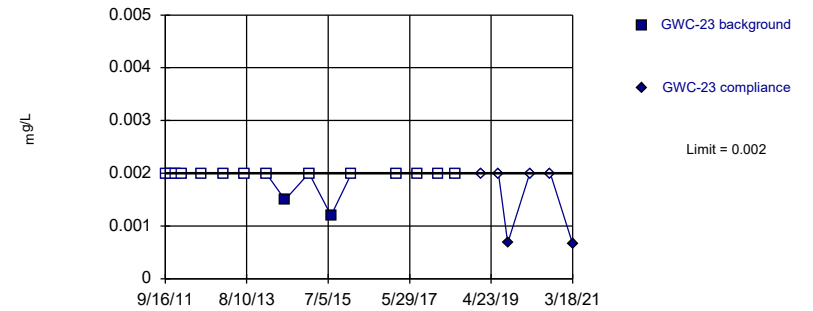


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

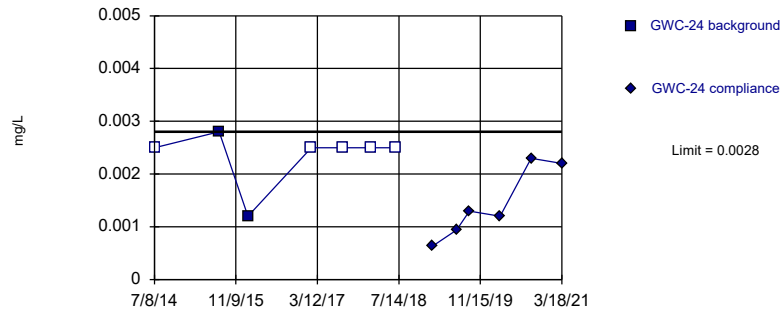


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

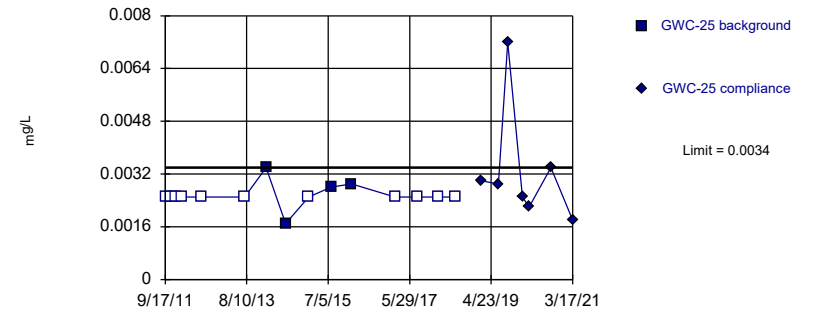


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 7 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



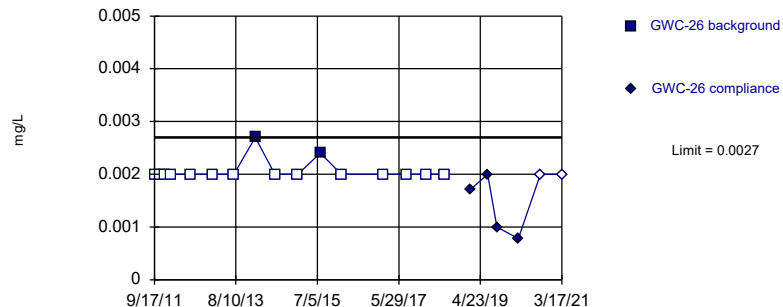
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



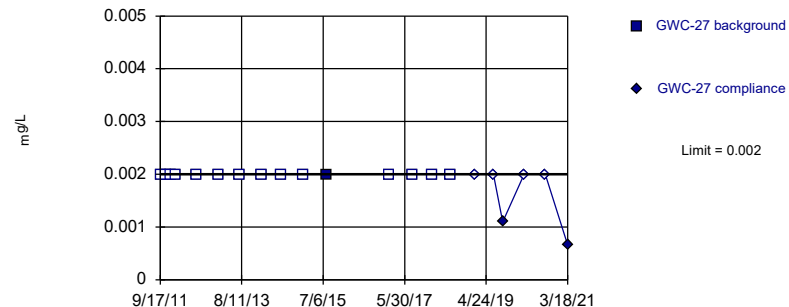
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



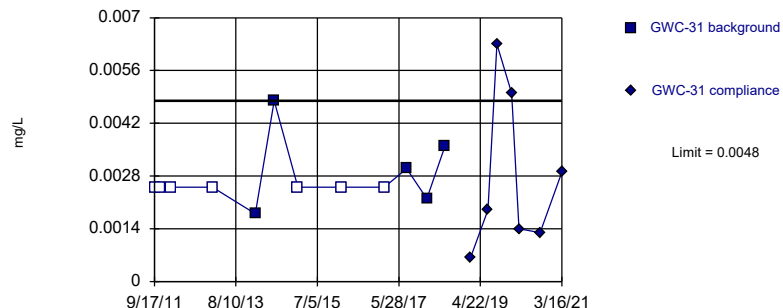
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



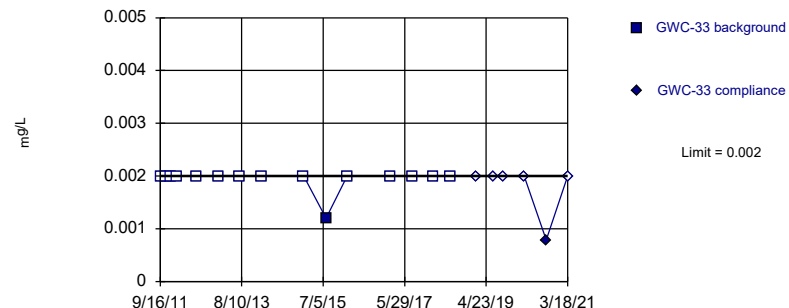
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

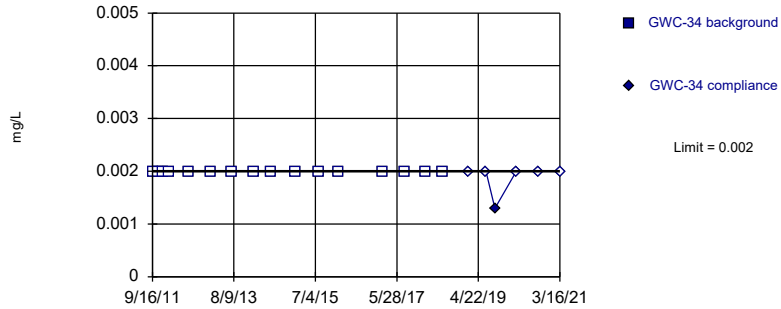


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

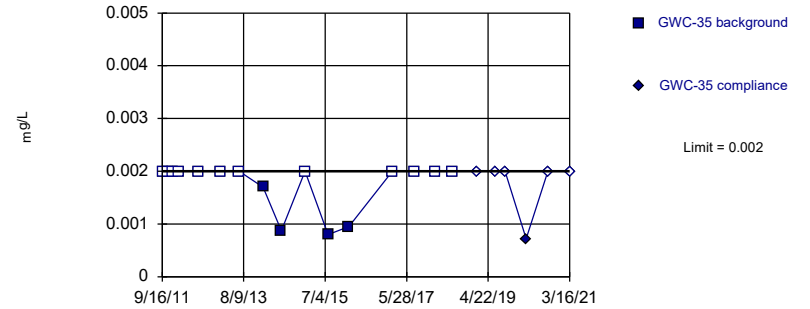


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

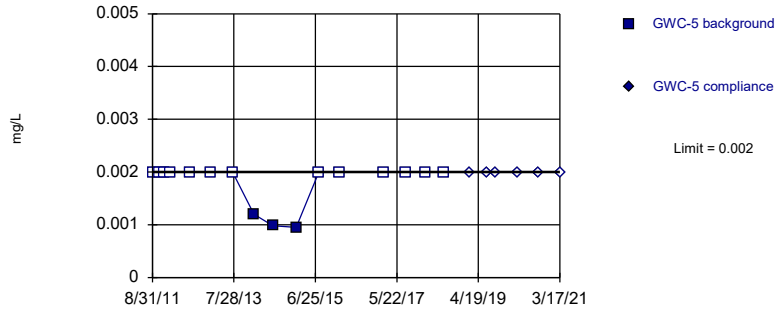


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

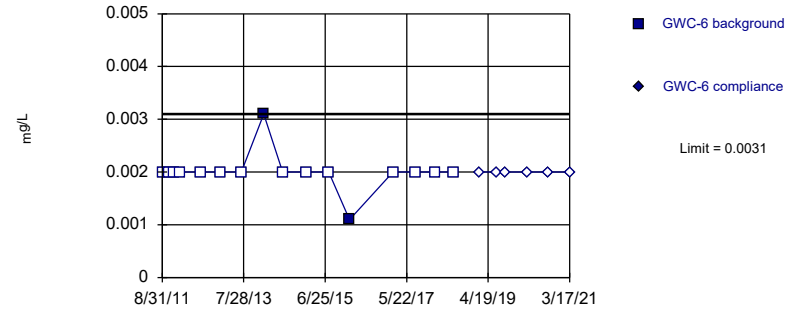


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

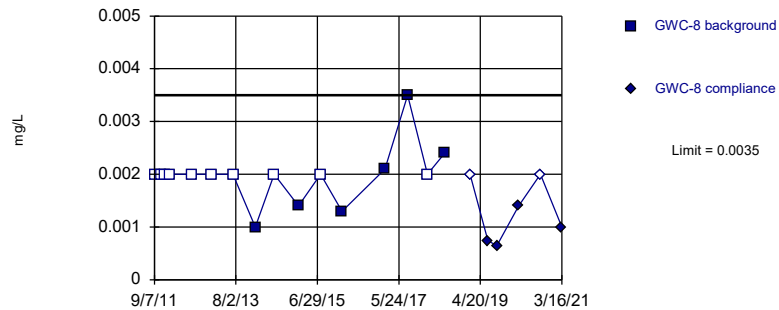


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

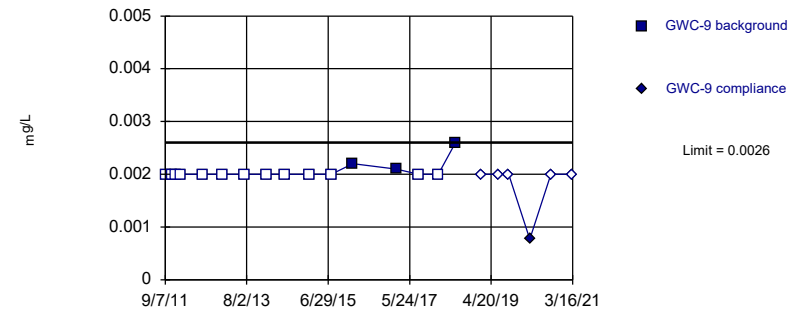


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

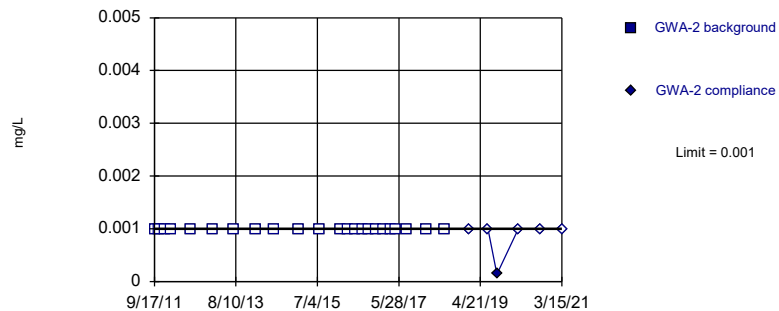


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

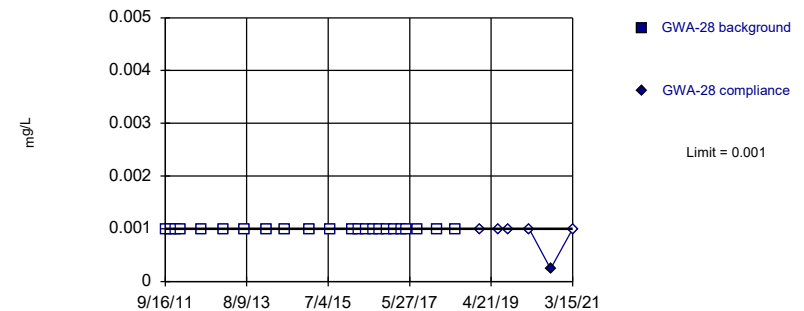


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

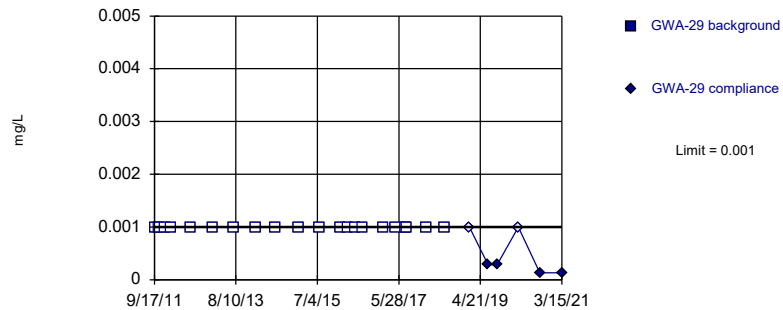


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

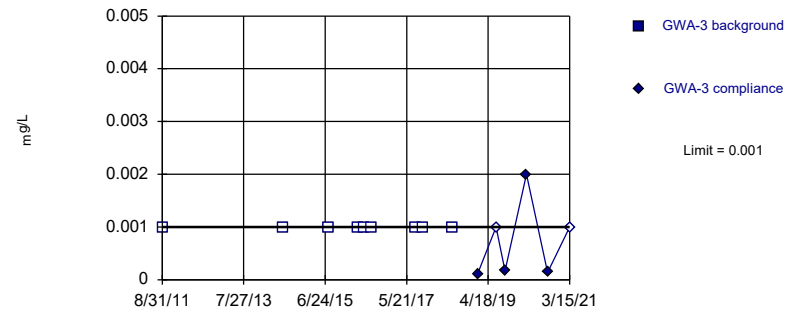


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

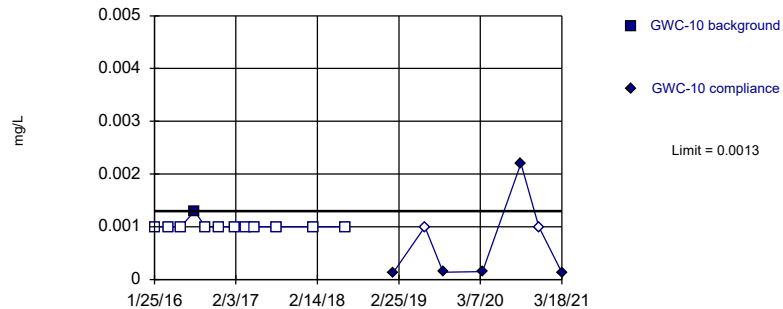


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

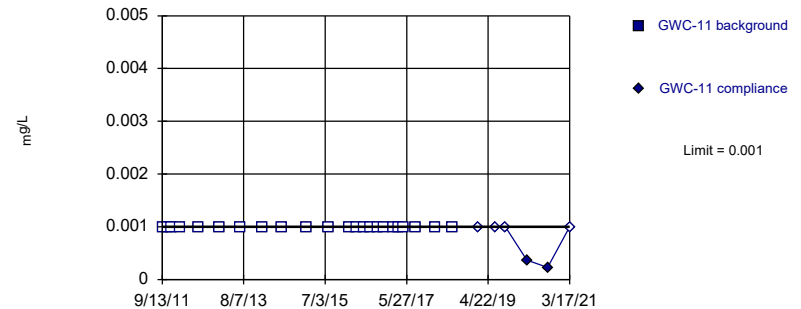


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

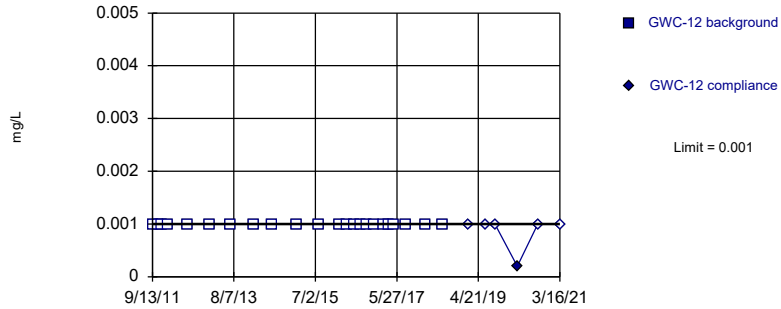


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

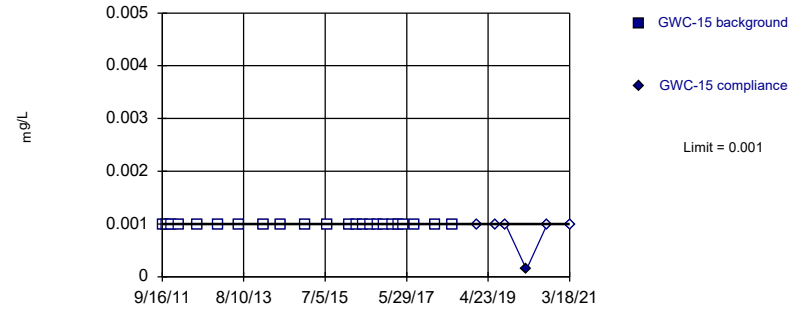


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

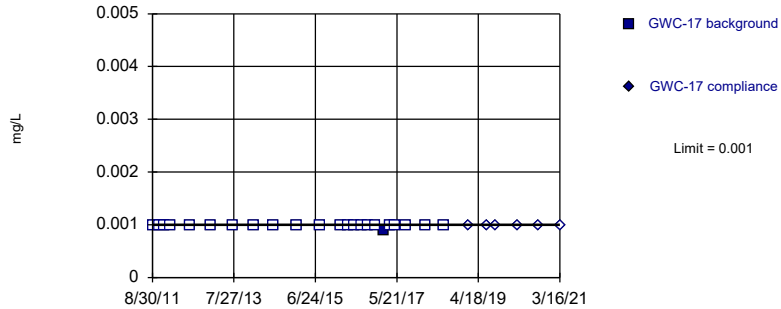


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

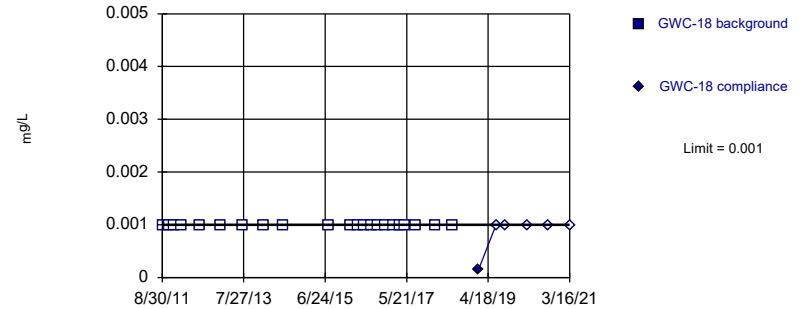


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

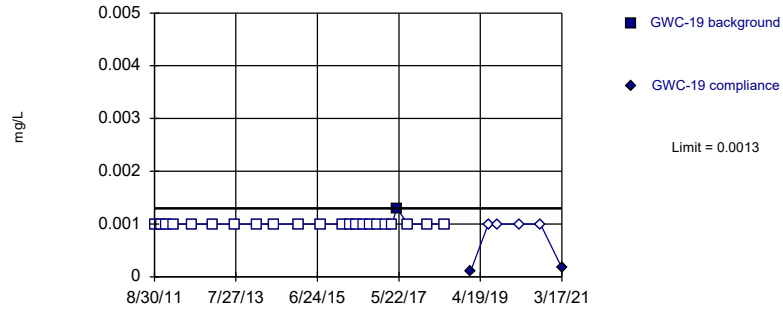


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

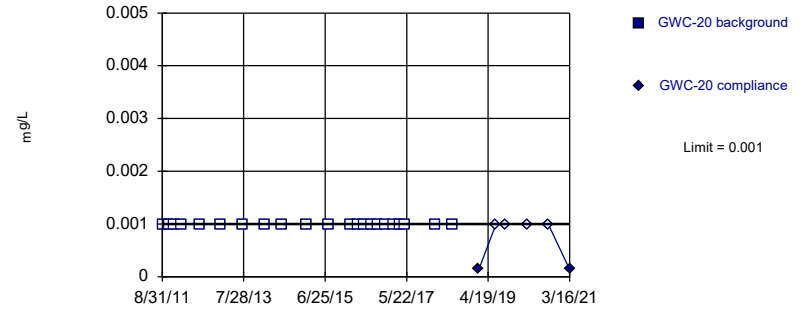


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

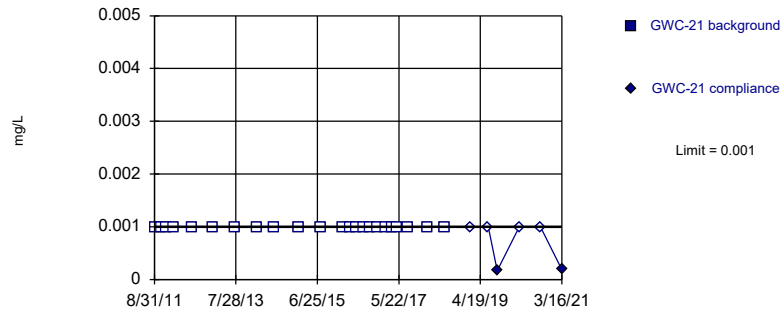


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

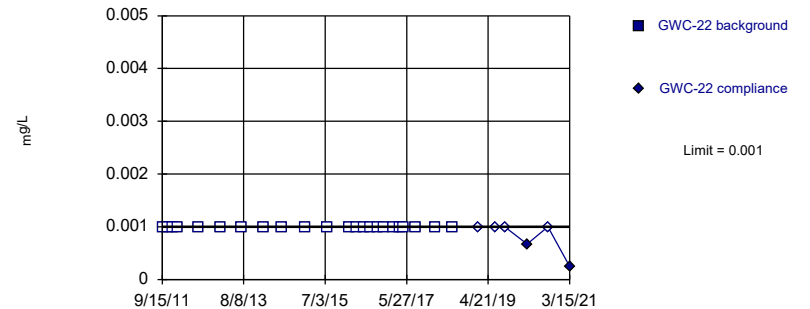


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

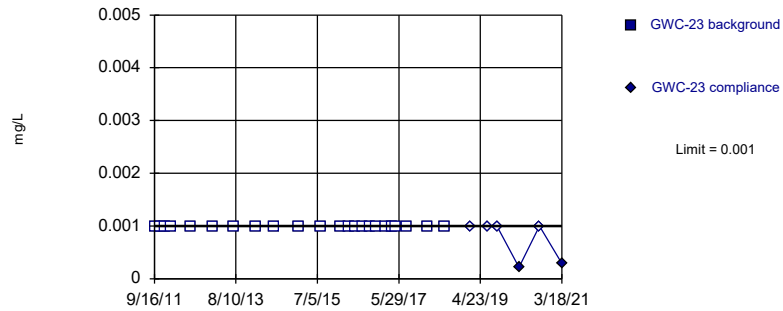


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

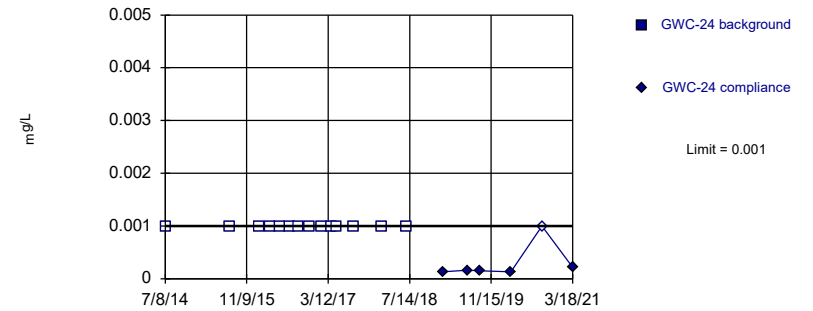


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

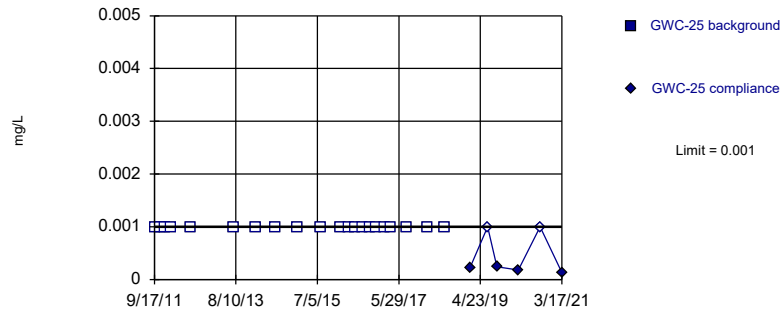


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 14) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

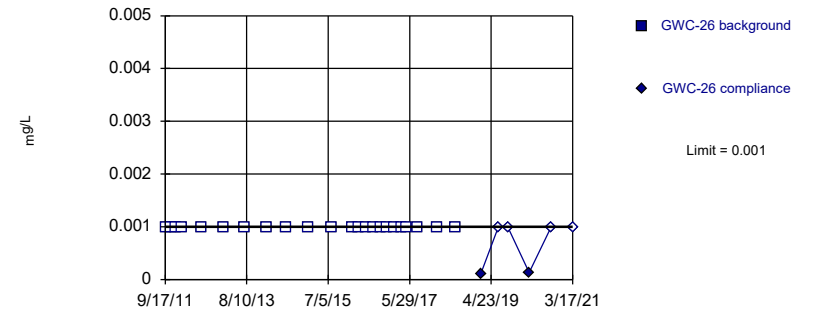


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

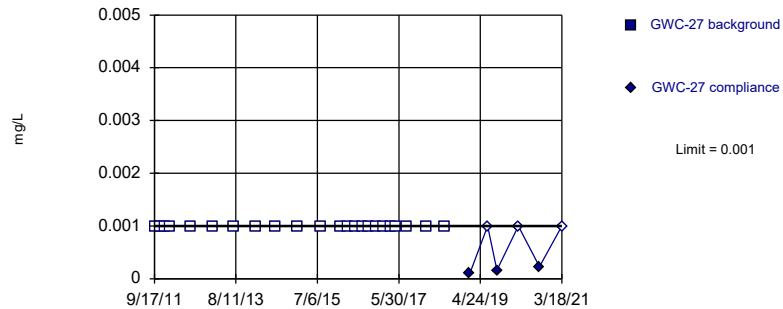


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

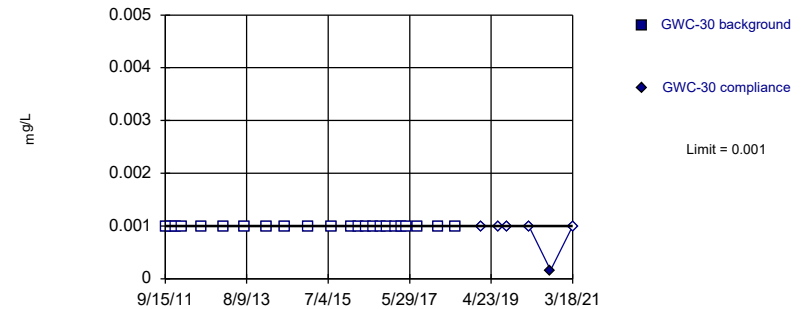


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

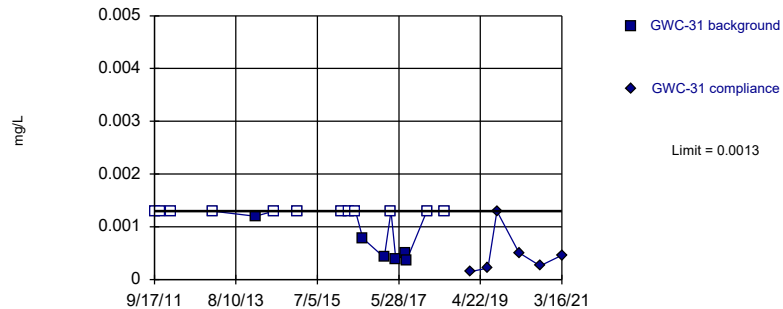


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

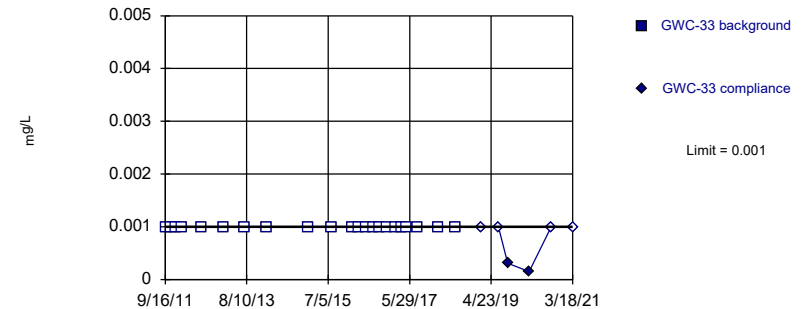


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

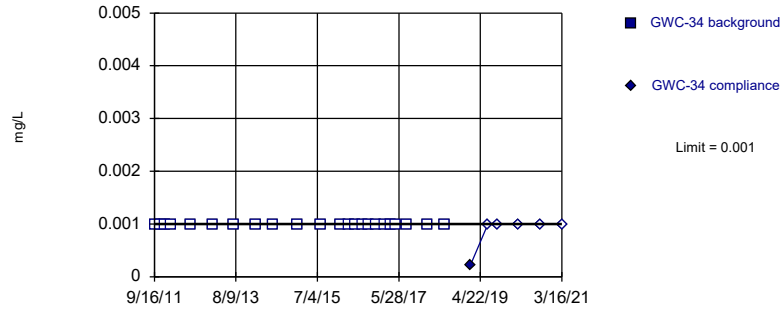


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:47 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

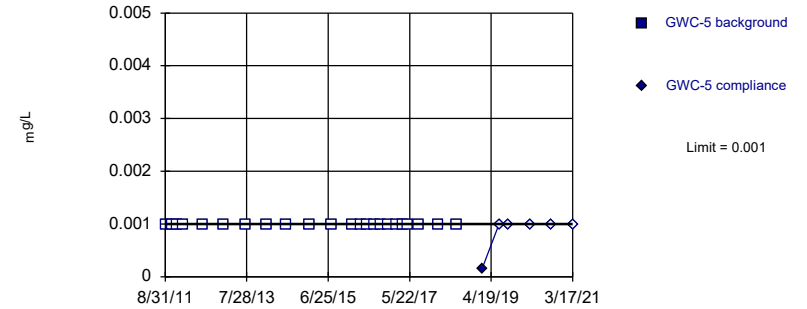


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

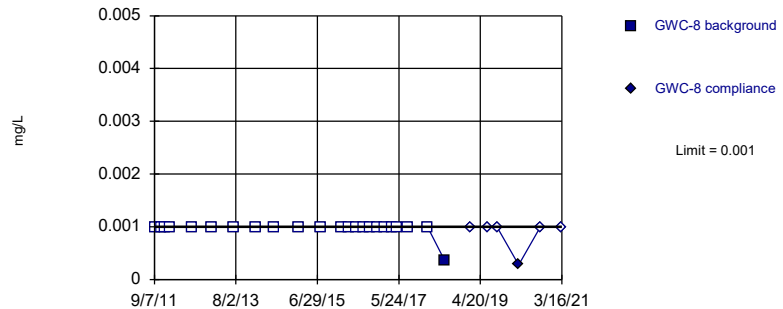


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

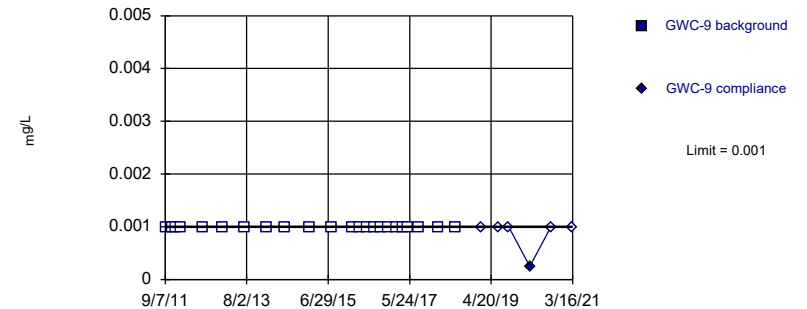


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

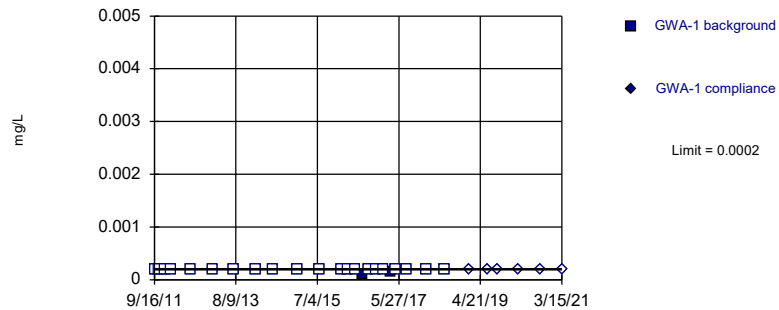


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

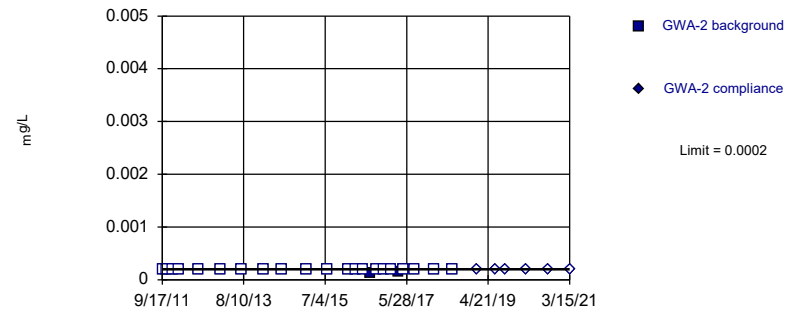


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

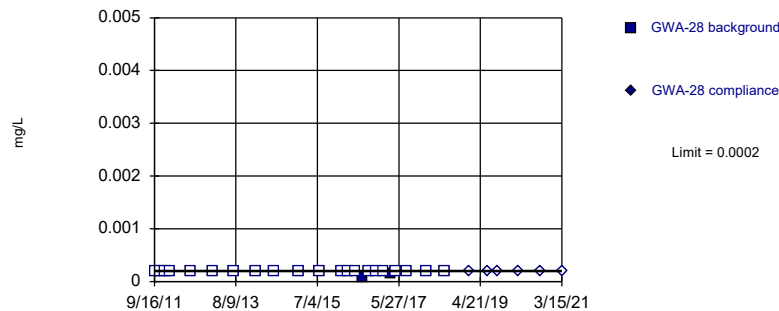


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

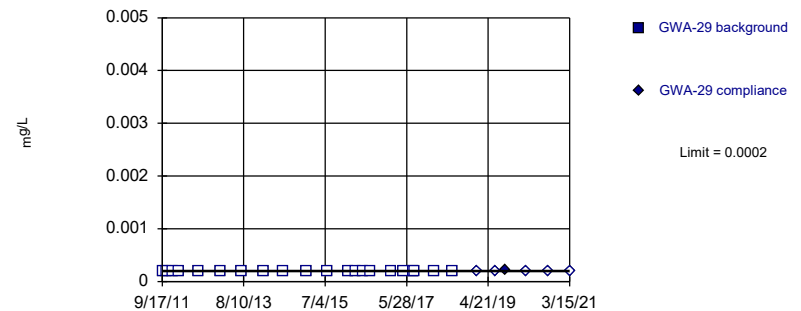


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

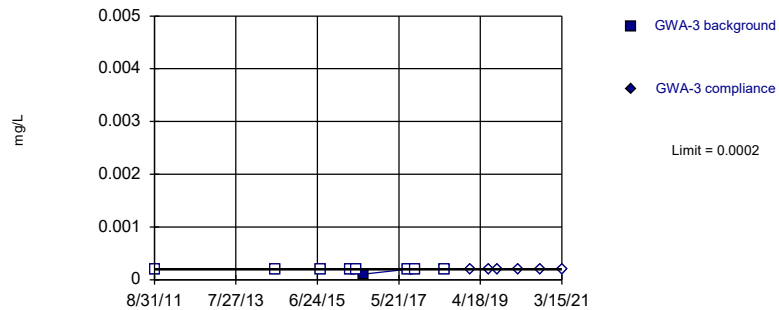


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

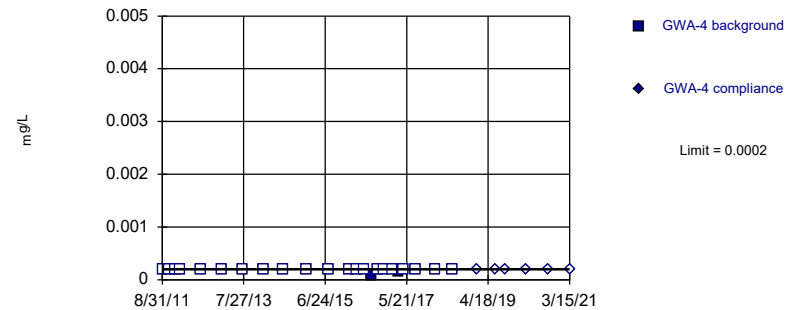


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

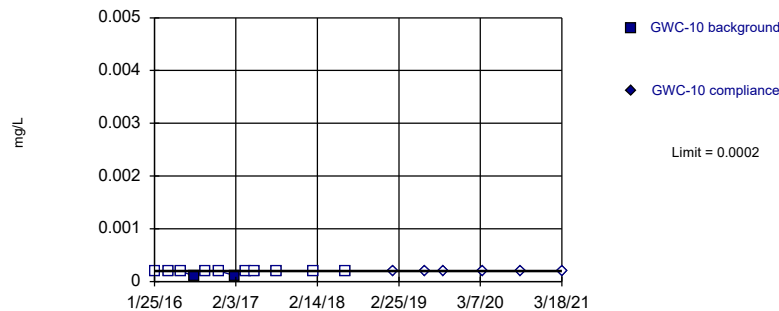


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

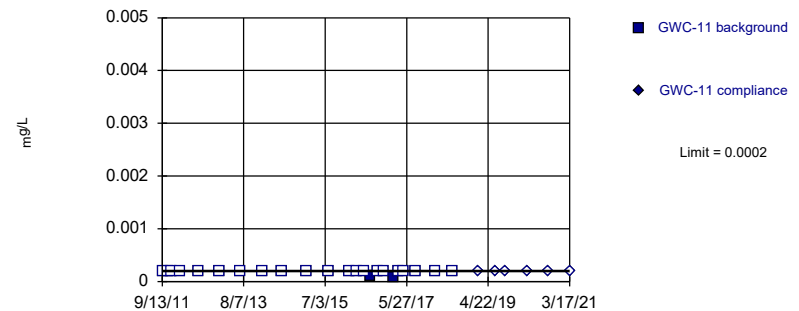


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



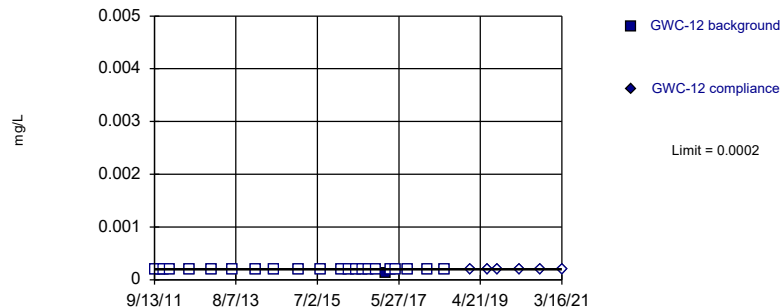
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



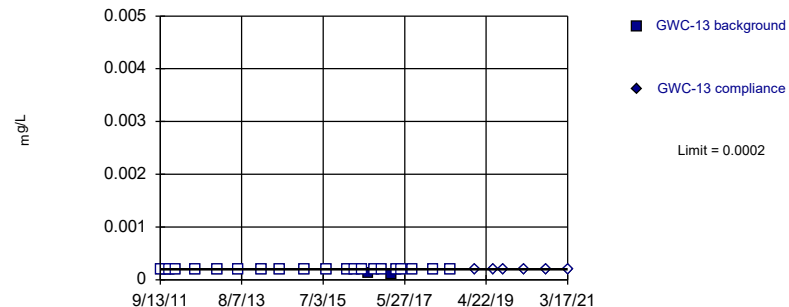
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



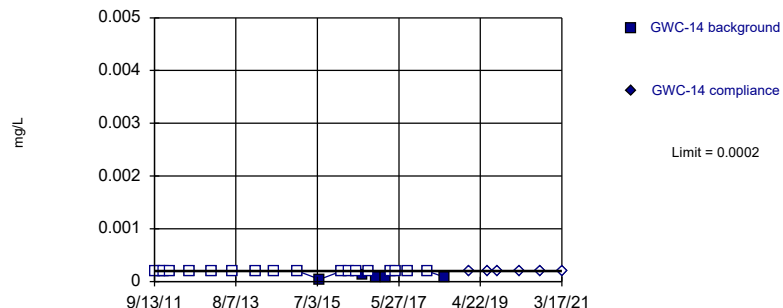
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



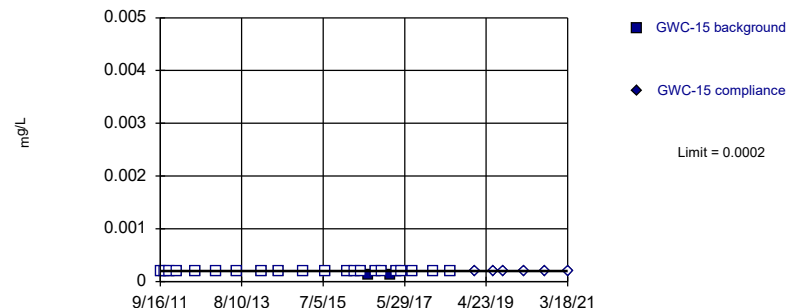
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

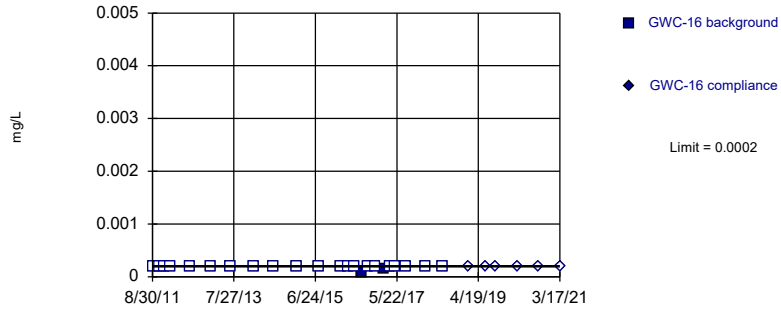


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

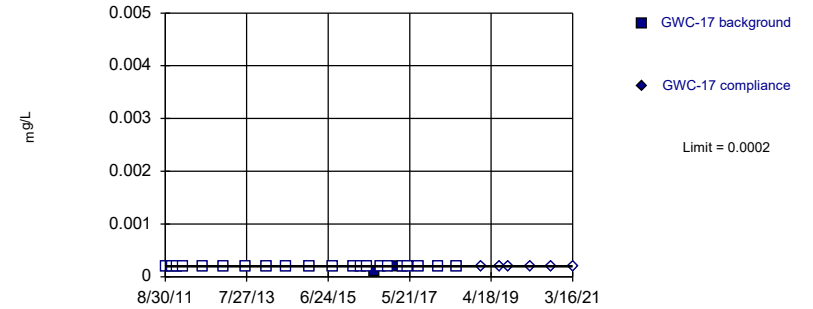


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

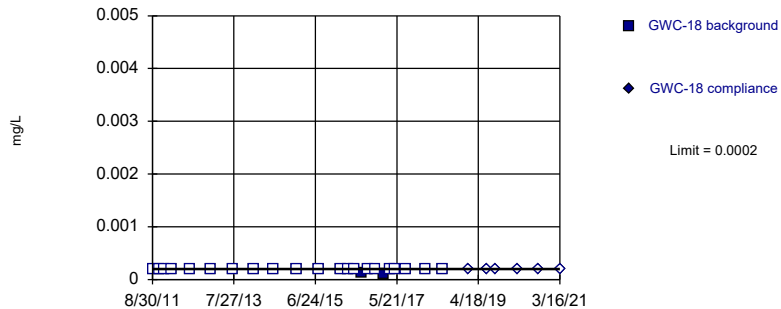


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

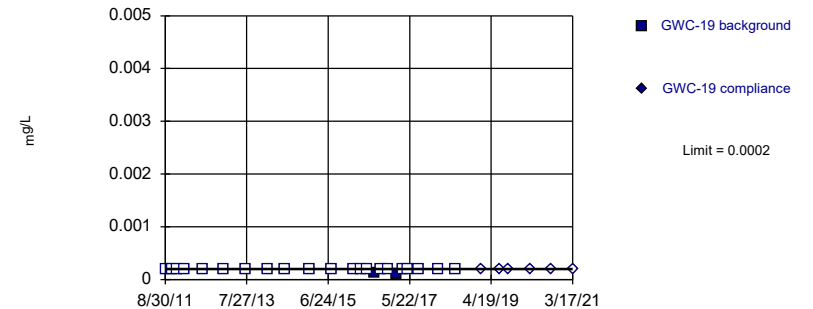


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

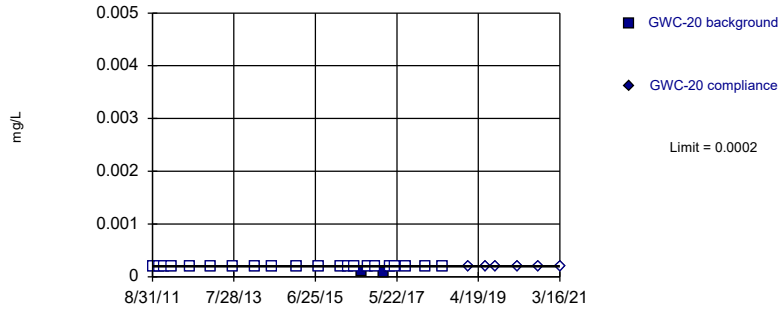


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

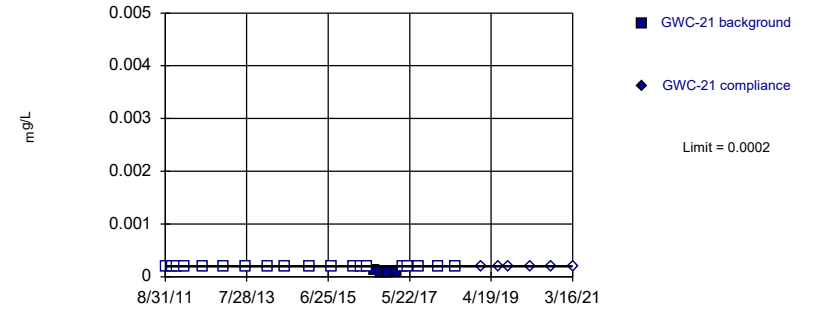


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

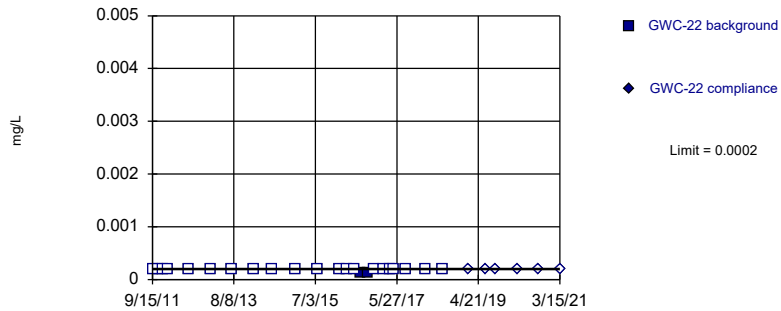


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

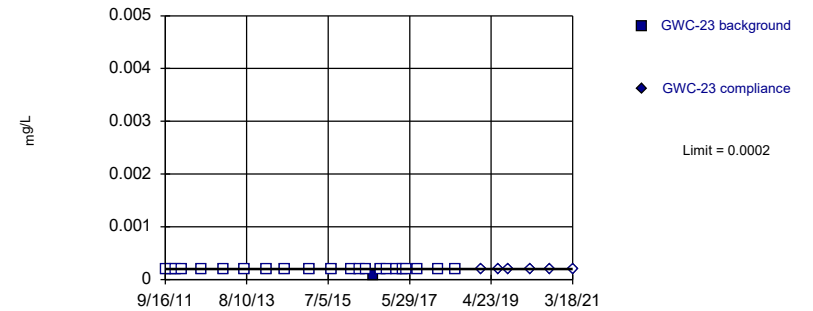


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric



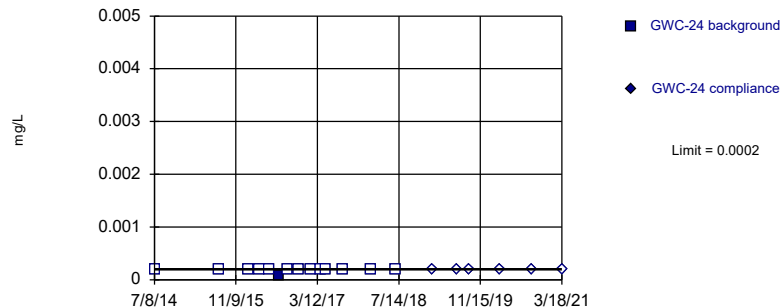
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



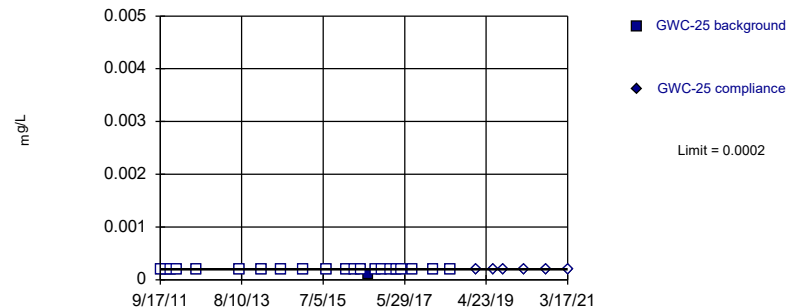
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



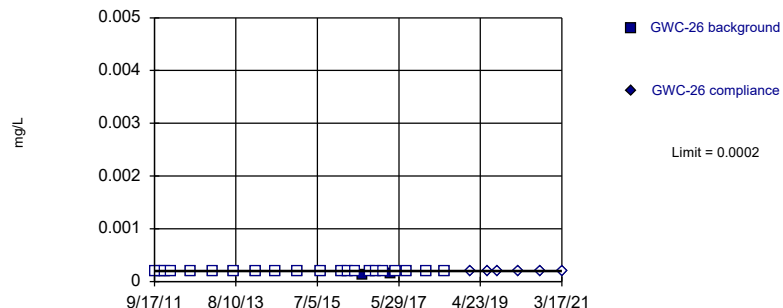
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



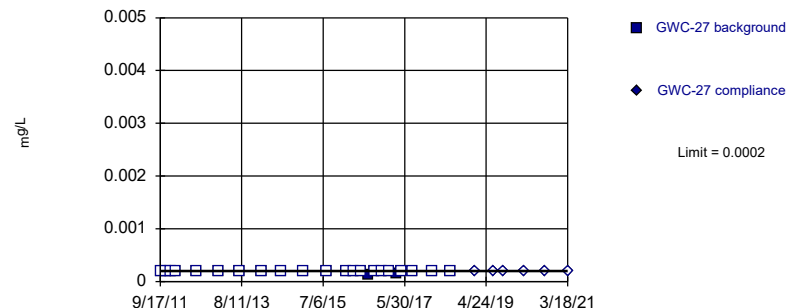
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

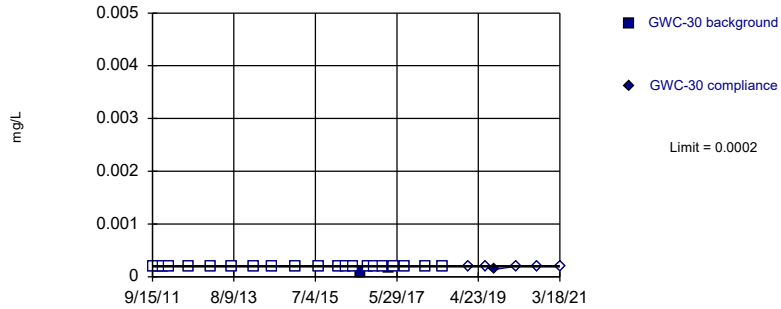


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

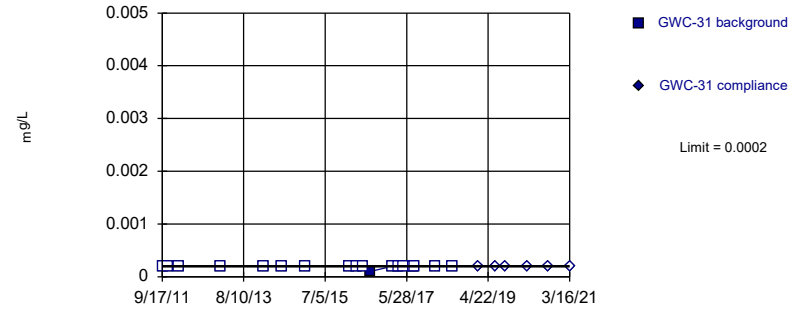


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

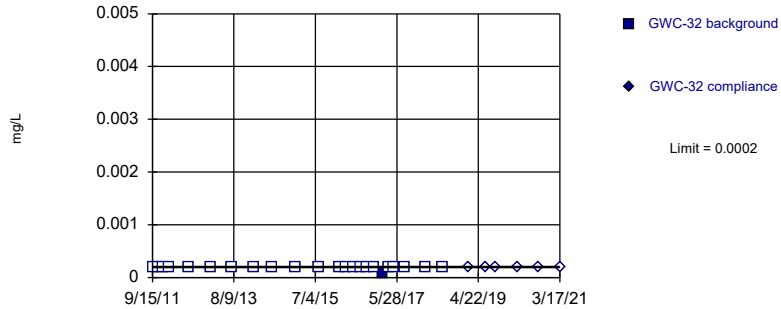


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

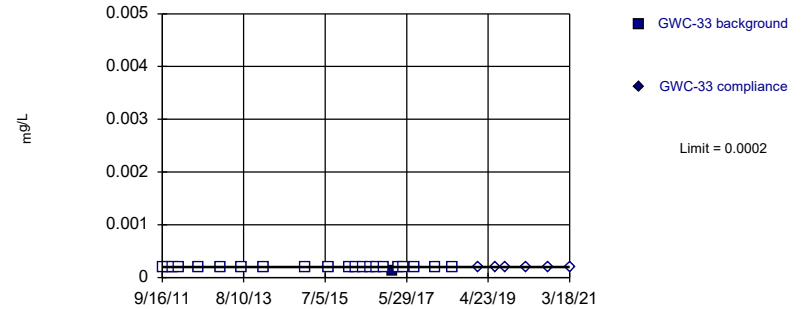


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

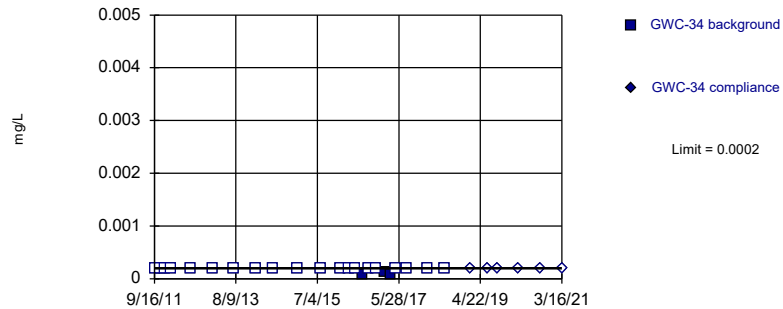


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

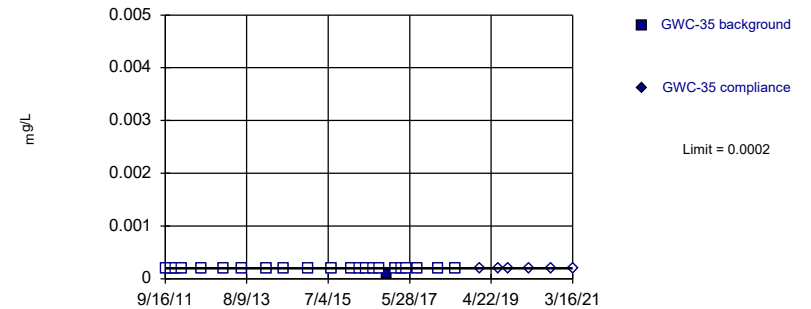


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

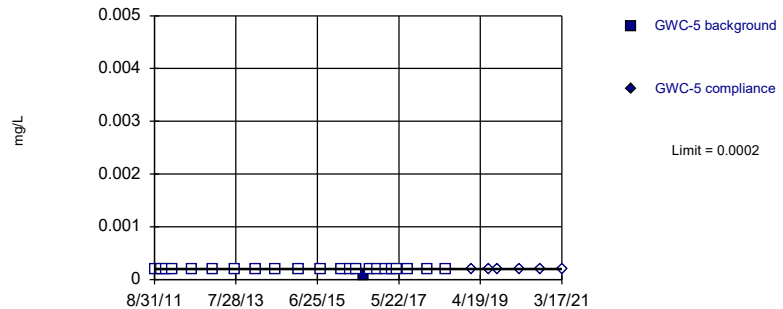


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

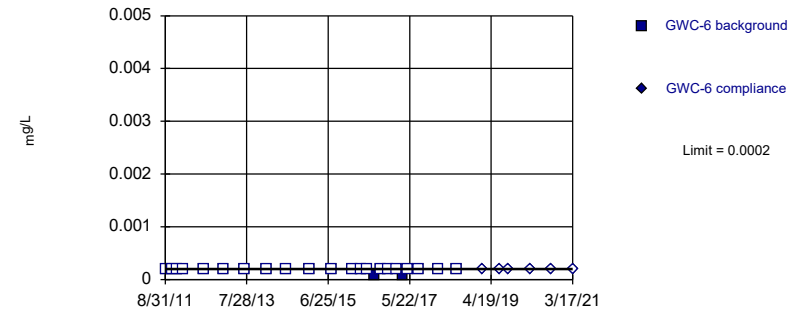


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

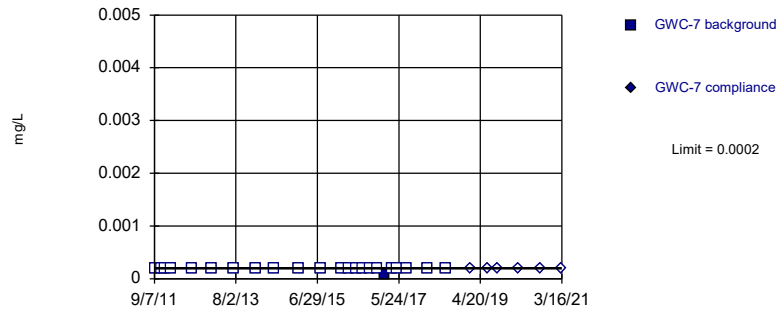


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

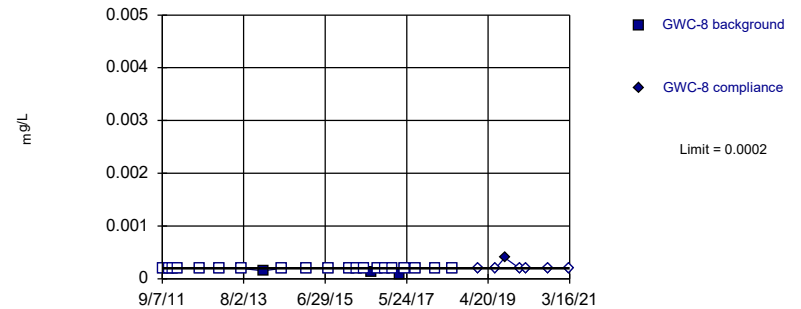


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

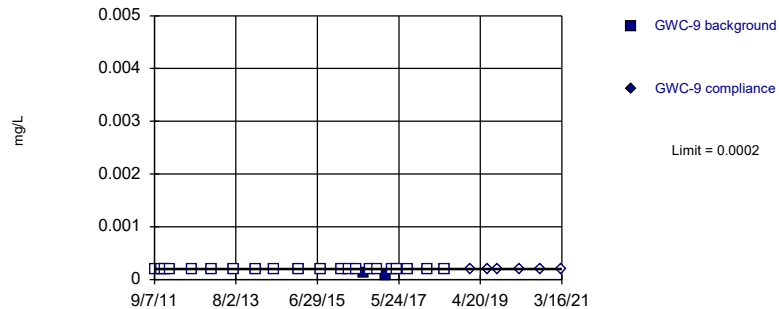


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

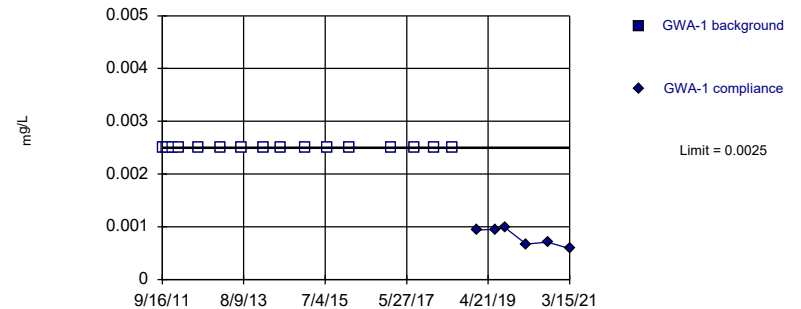


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

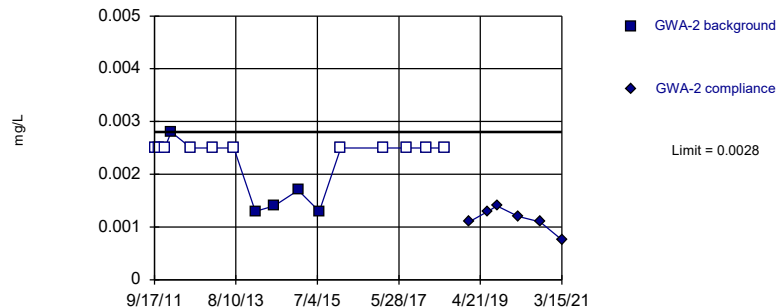


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

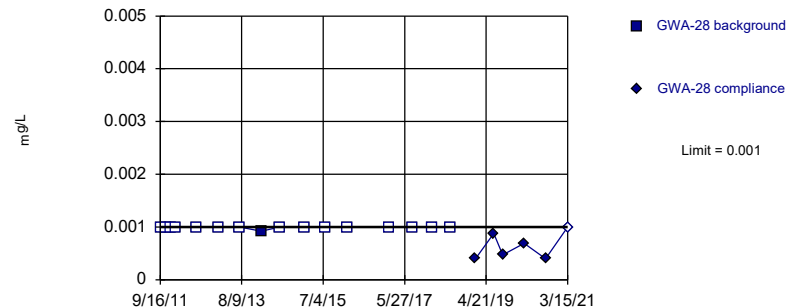


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

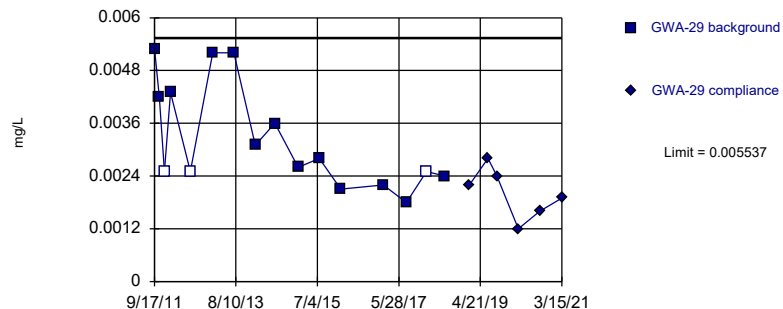


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

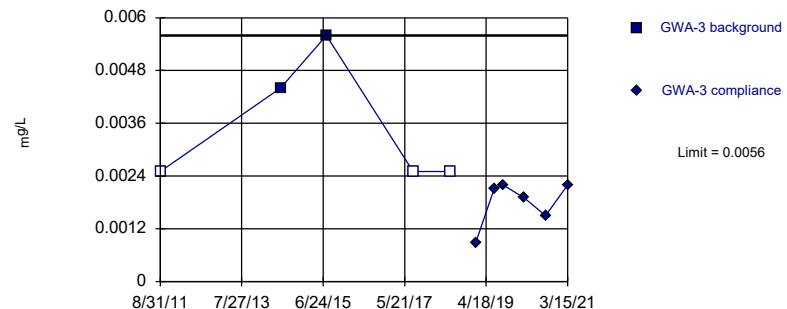


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003044, Std. Dev.=0.001124, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

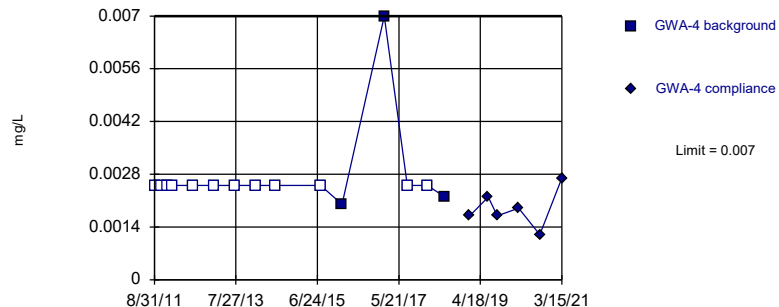


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 60% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

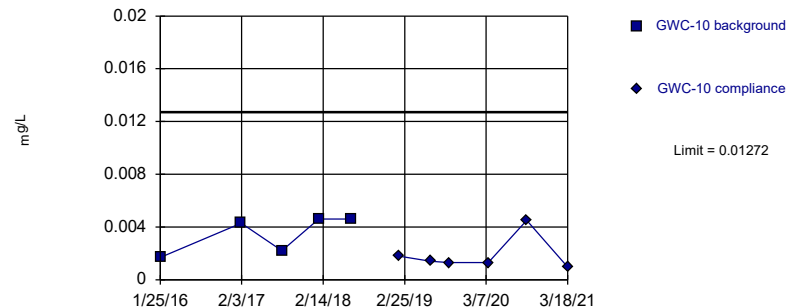


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

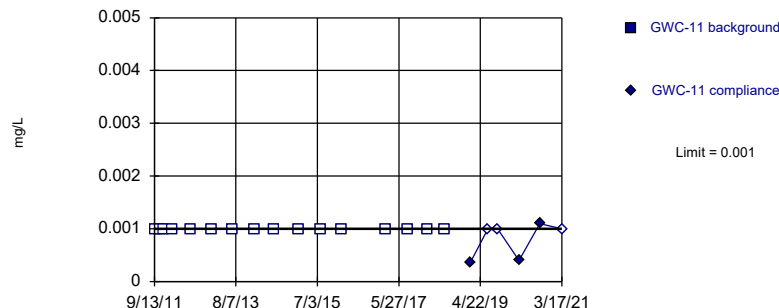


Background Data Summary: Mean=0.00348, Std. Dev.=0.001413, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7865, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

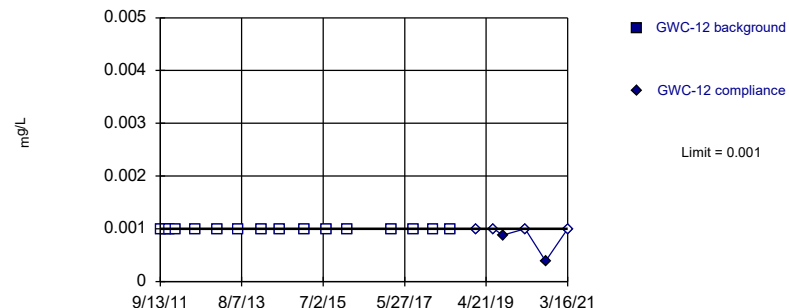


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

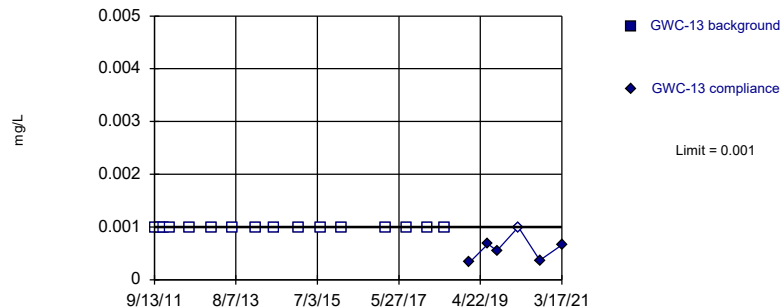


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

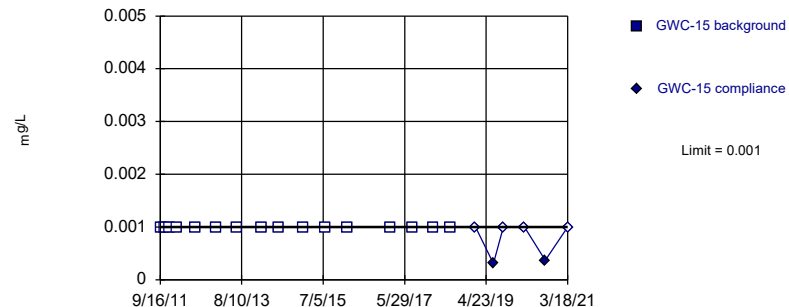


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

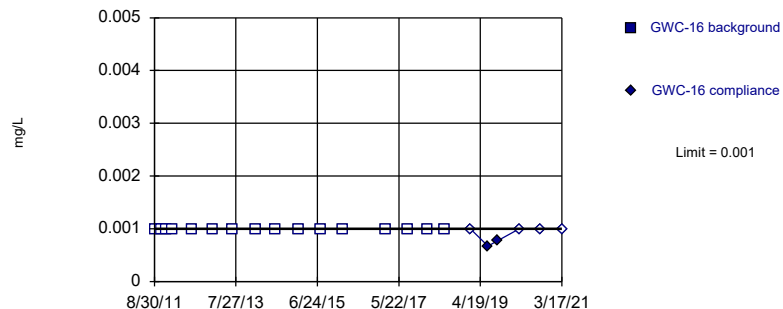


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

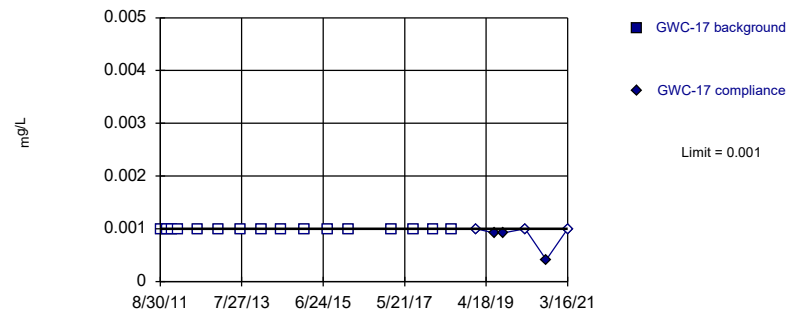


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

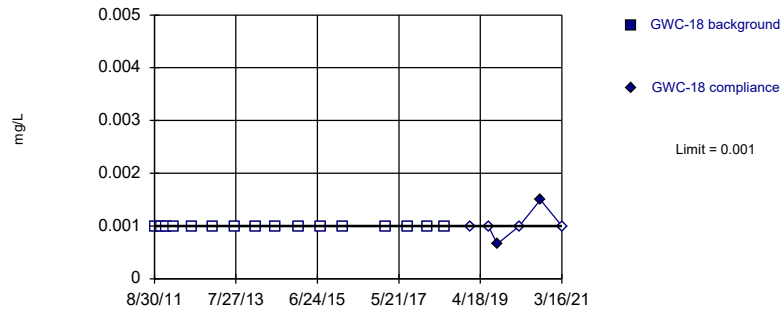


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

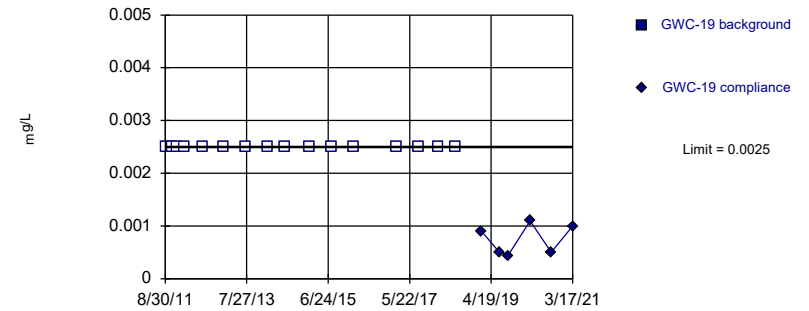


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

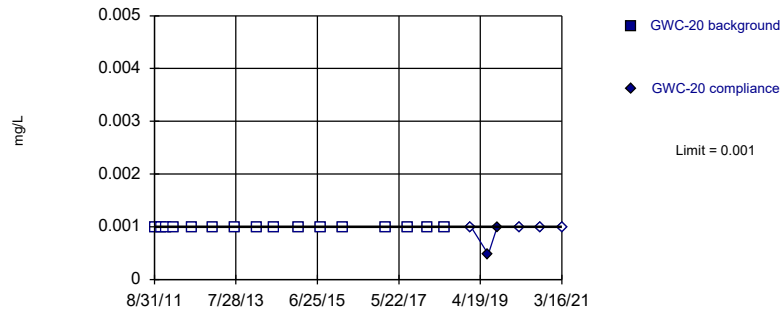


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

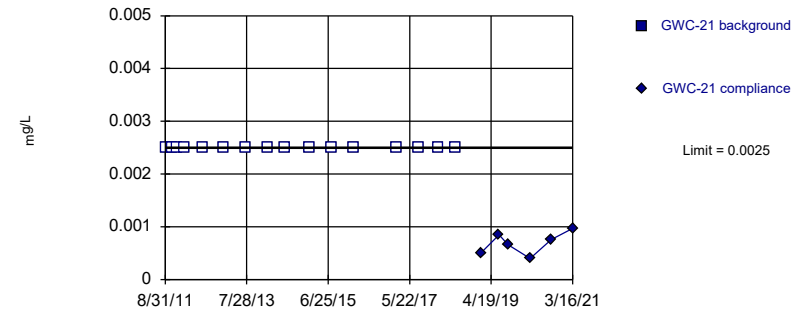


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

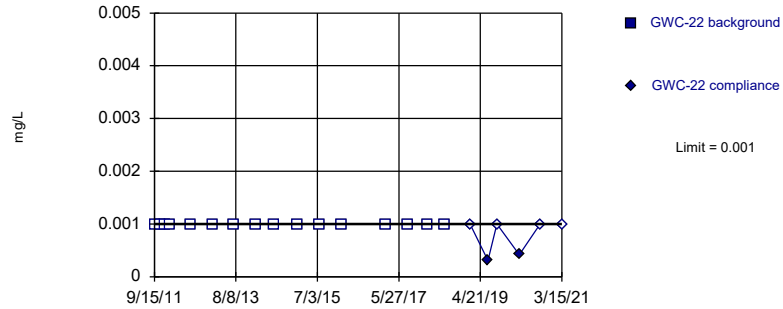


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

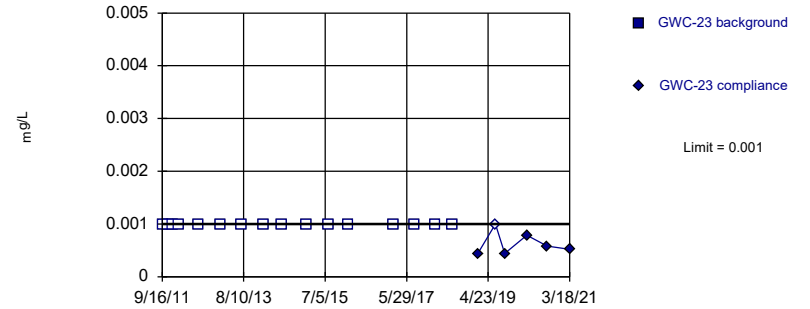


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

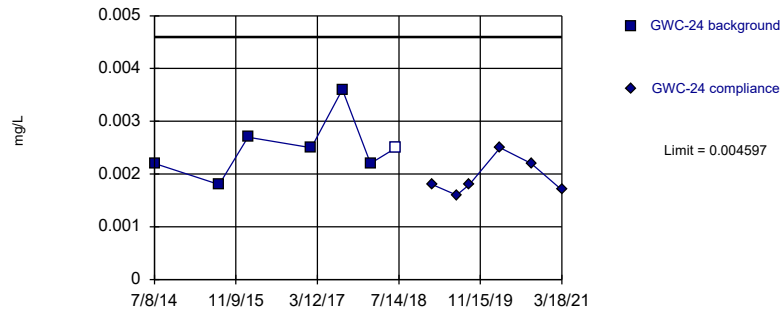


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

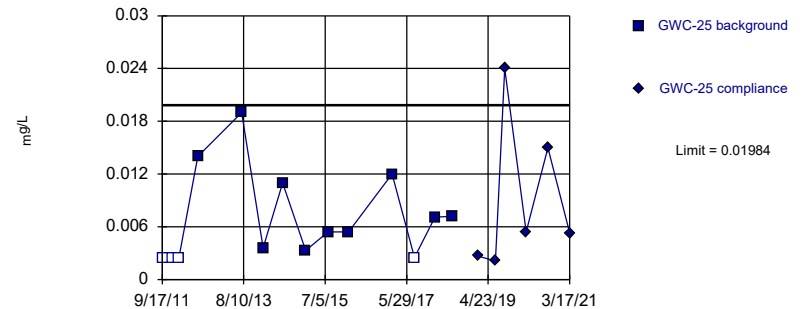


Background Data Summary: Mean=0.0025, Std. Dev.=0.0005657, n=7, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9014, critical = 0.73. Kappa = 3.706 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

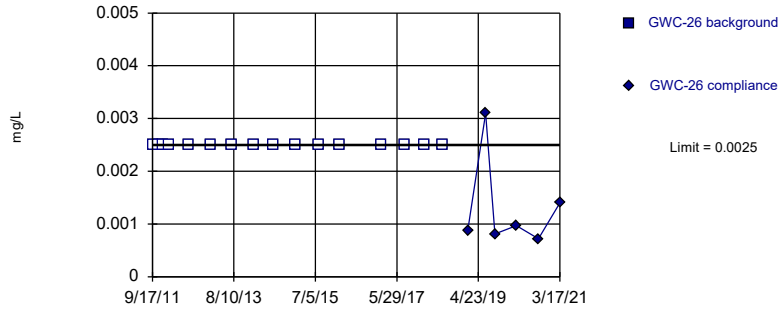


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07554, Std. Dev.=0.0286, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8657, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

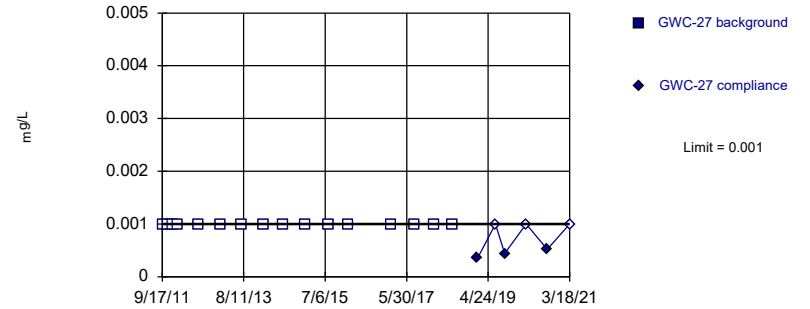


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

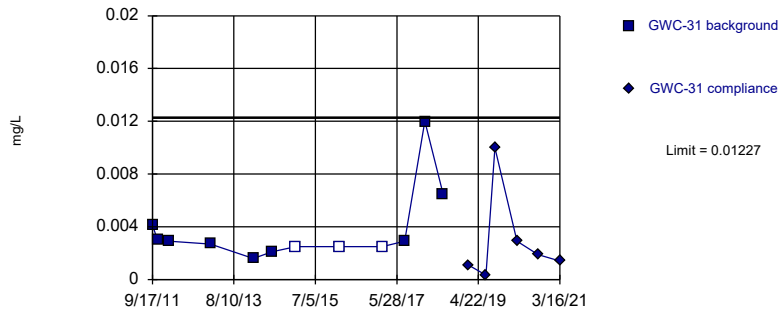


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

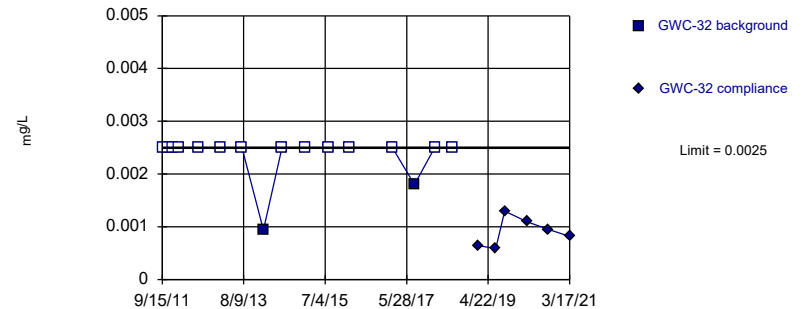


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.856, Std. Dev.=0.5866, n=12, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

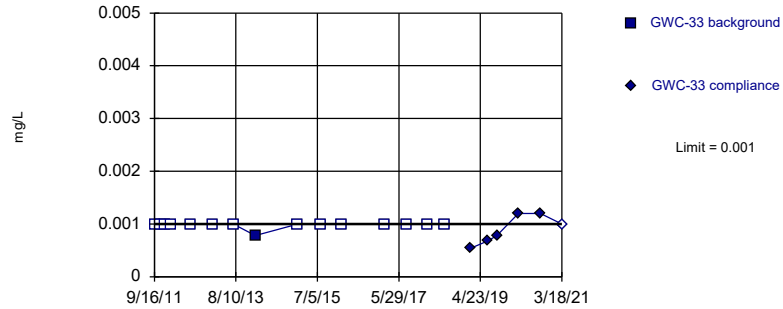


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

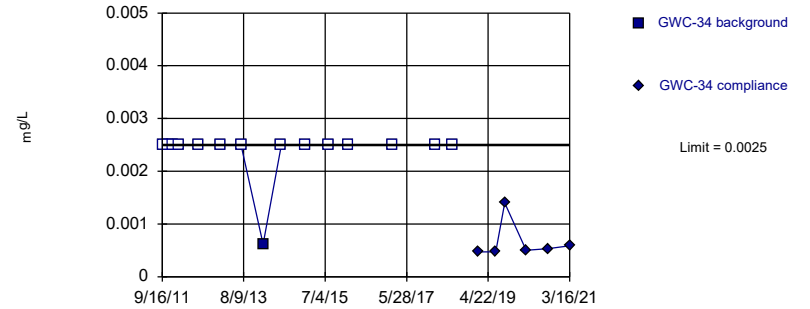


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

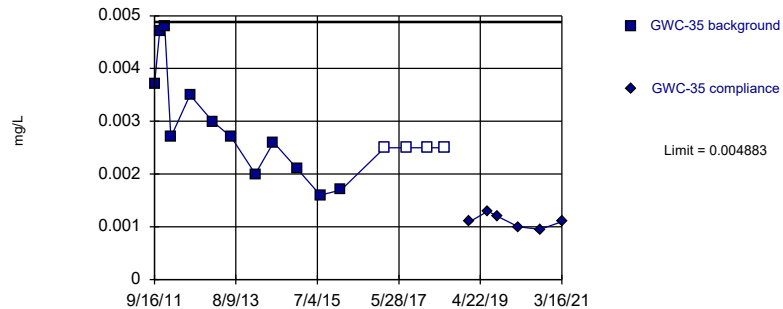


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

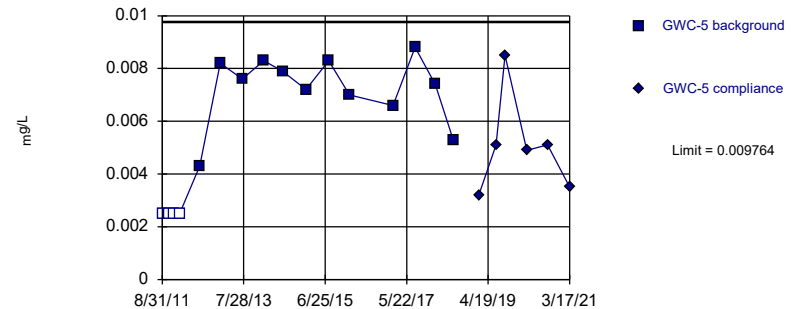


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002608, Std. Dev.=0.001025, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

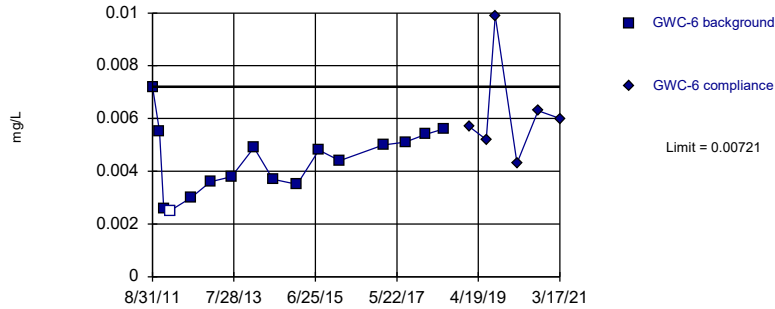


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.00003998, Std. Dev.=0.00002495, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Parametric

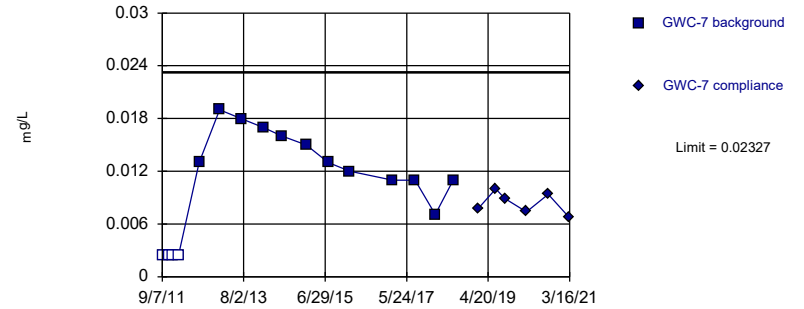


Background Data Summary: Mean=0.004412, Std. Dev.=0.001261, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9588, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Parametric

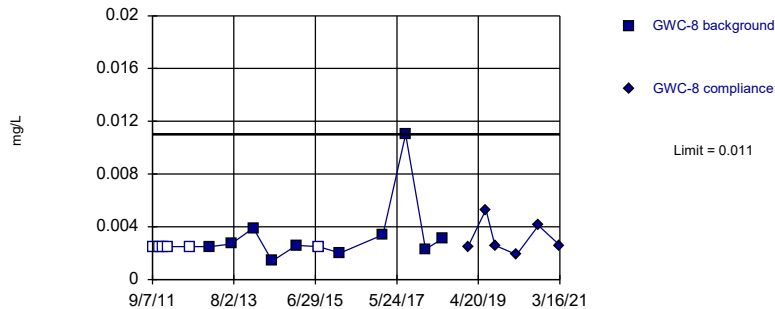


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.009385, Std. Dev.=0.006258, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8939, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

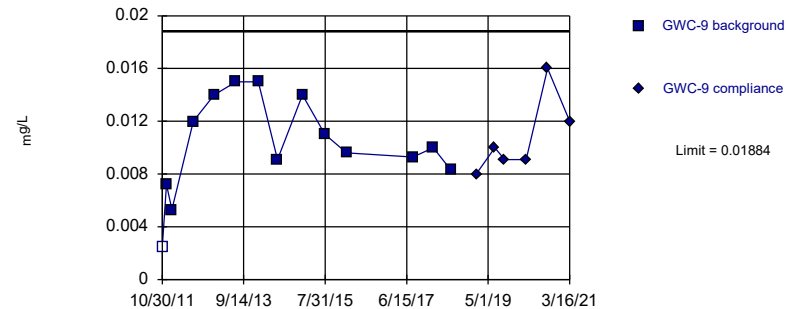


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Parametric

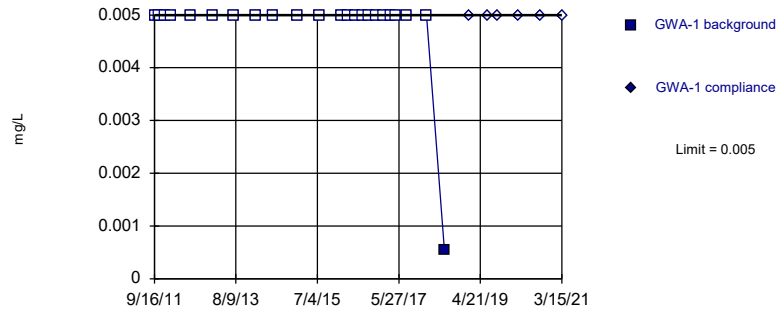


Background Data Summary: Mean=0.01016, Std. Dev.=0.003691, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

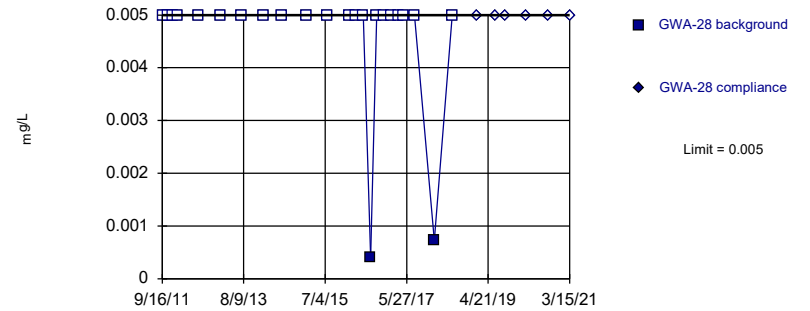


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:48 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

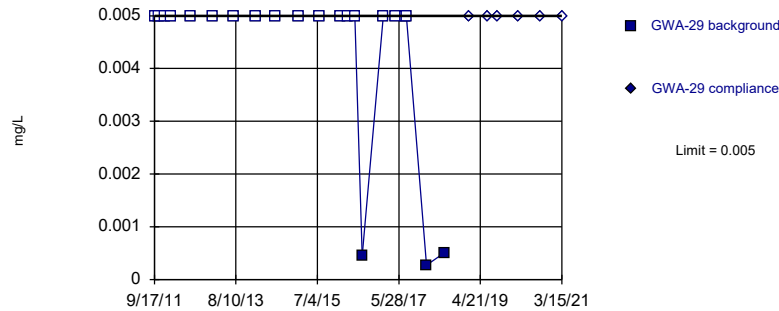


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:48 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

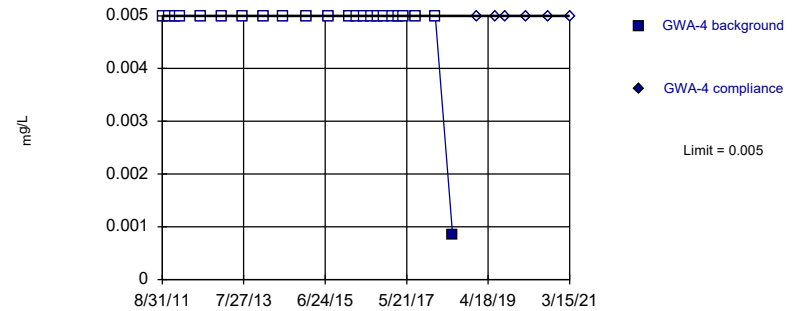


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:48 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

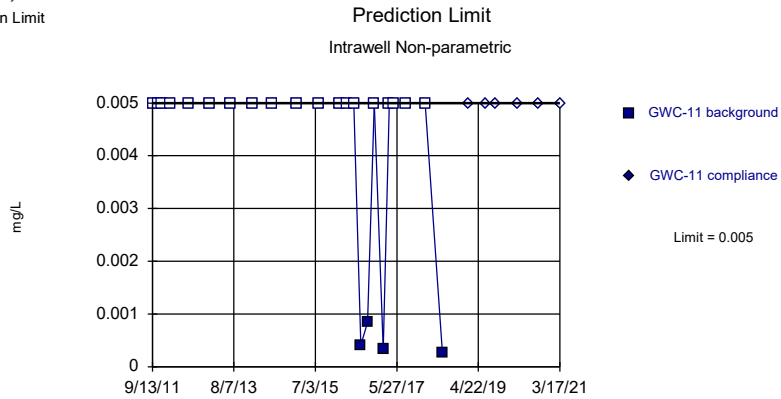
Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:48 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

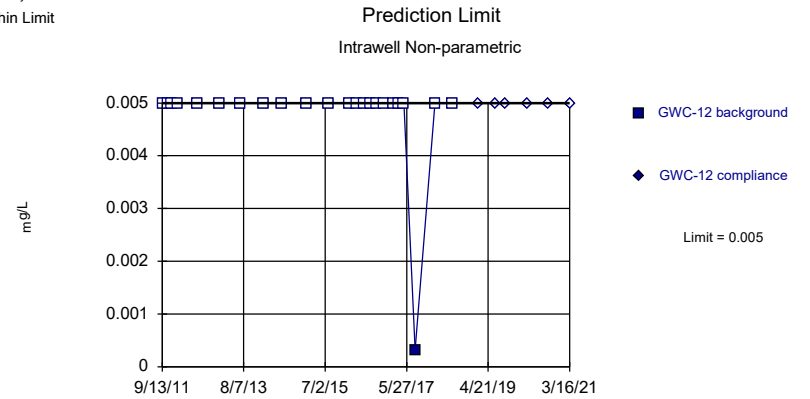
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

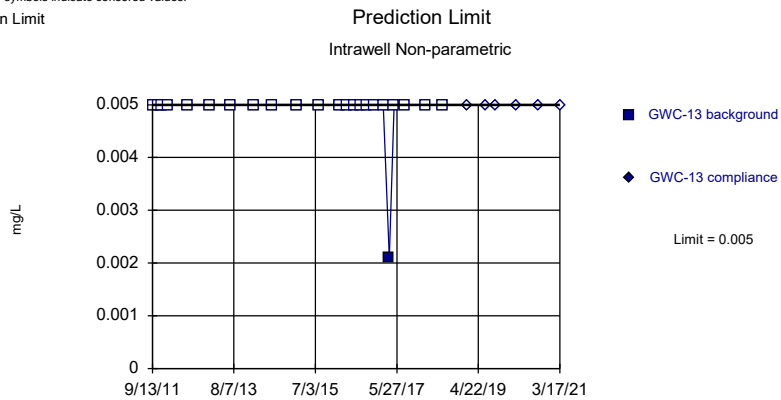
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

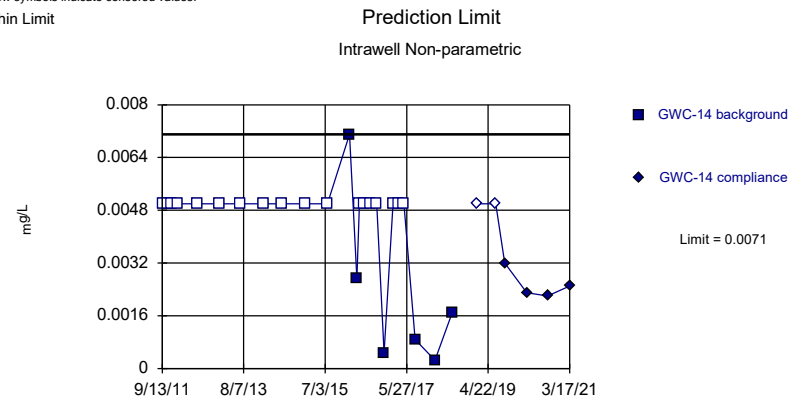
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

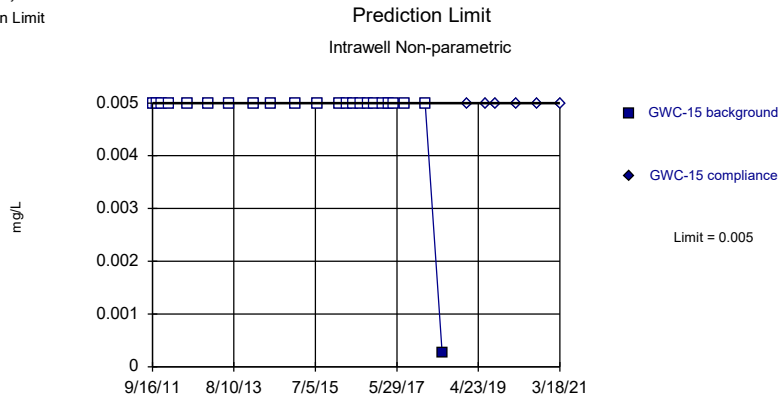
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 75% NDs. Well-constituent pair annual alpha = 0.0007123. Individual comparison alpha = 0.0003562 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

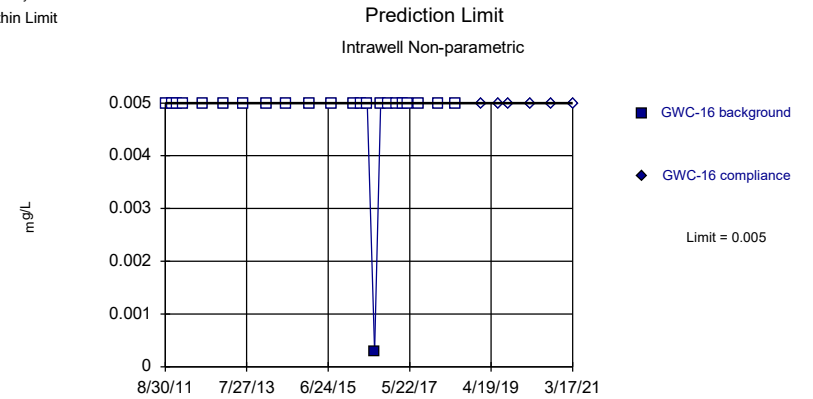
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

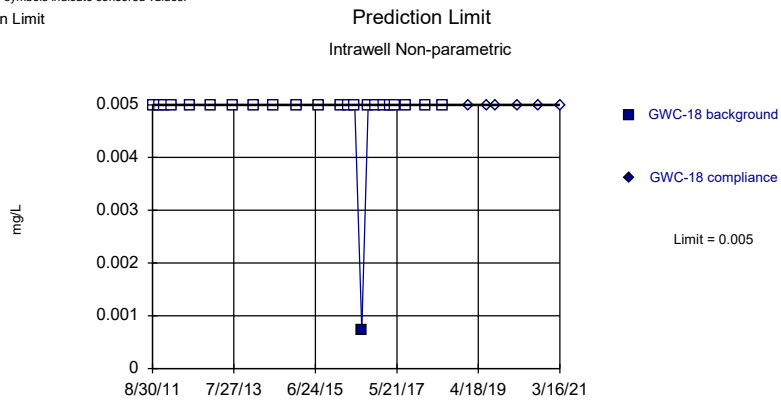
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

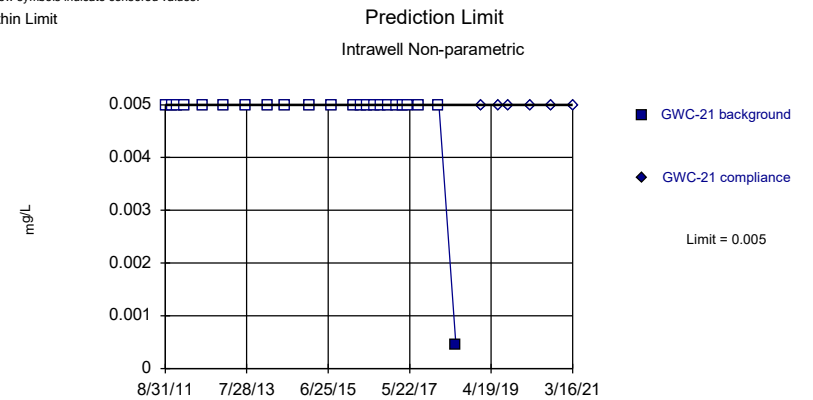
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

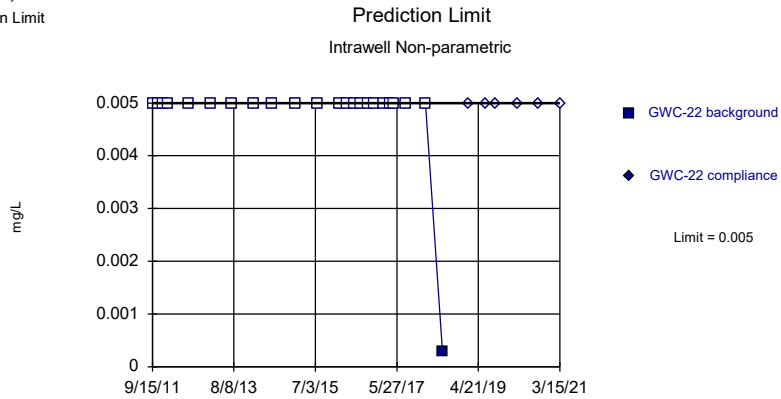
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

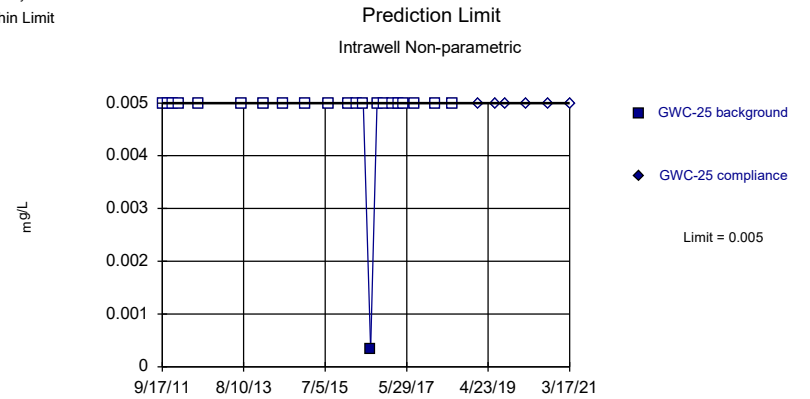
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

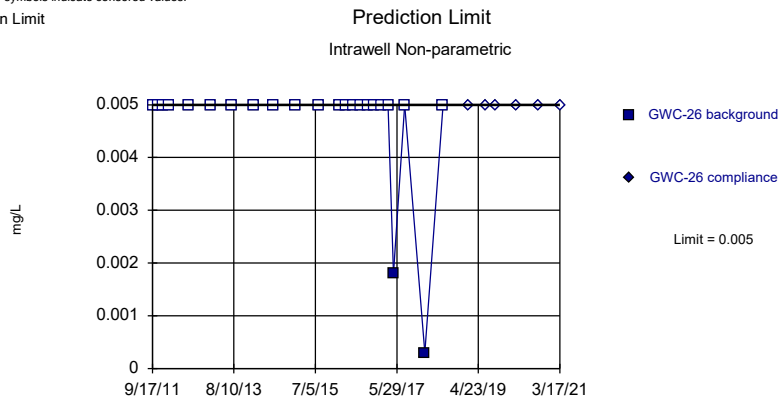
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

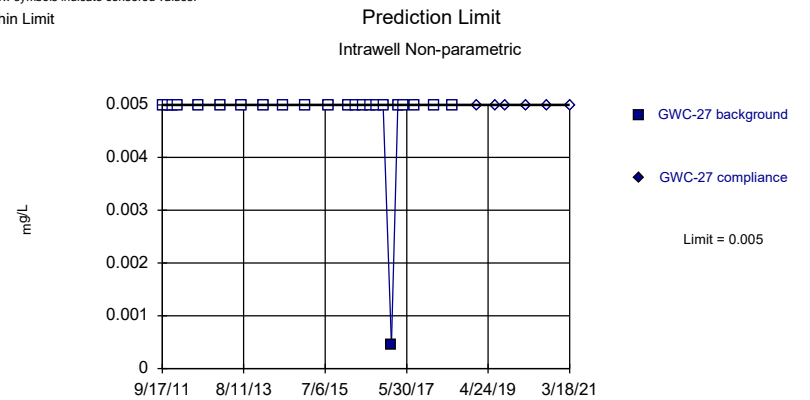
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

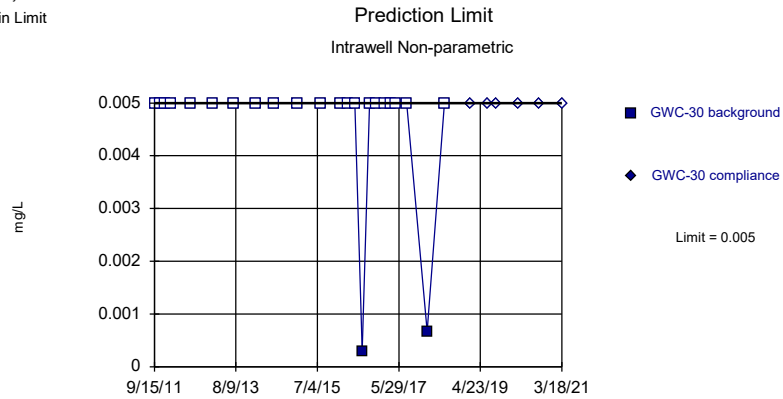
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

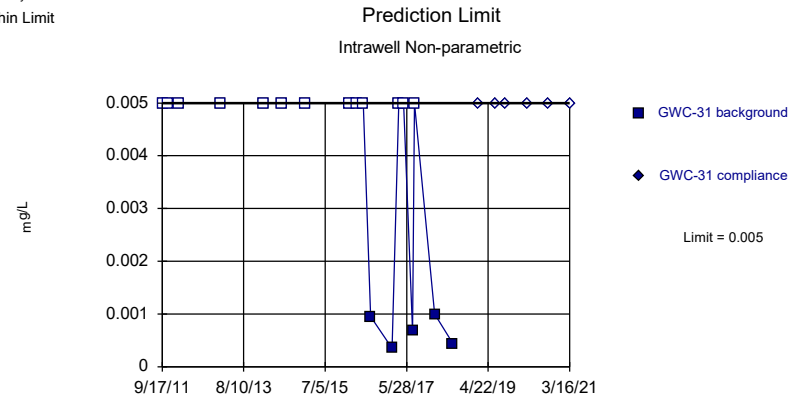
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

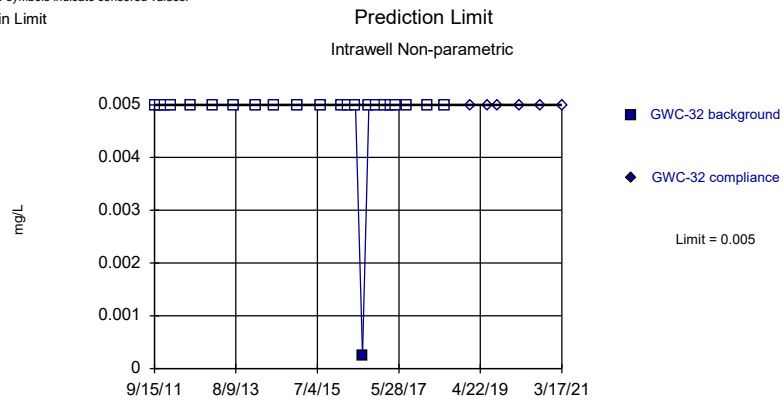
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

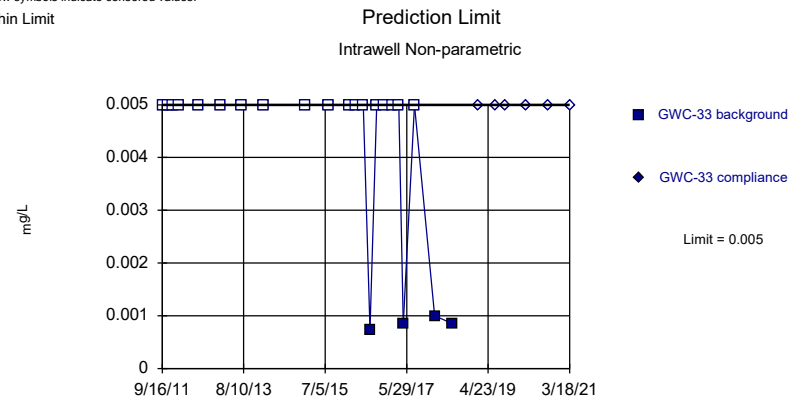
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

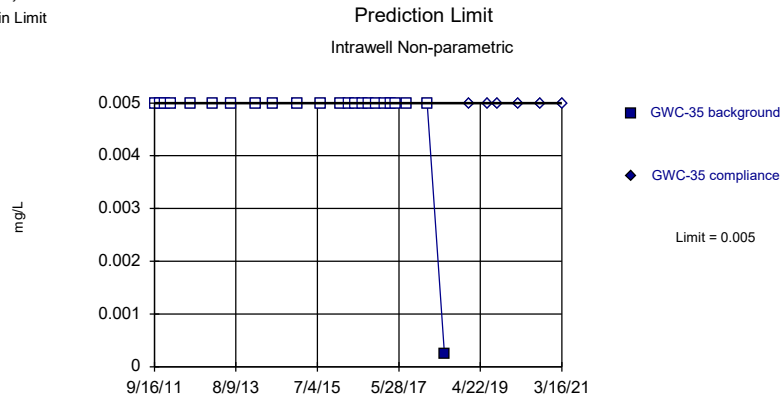
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

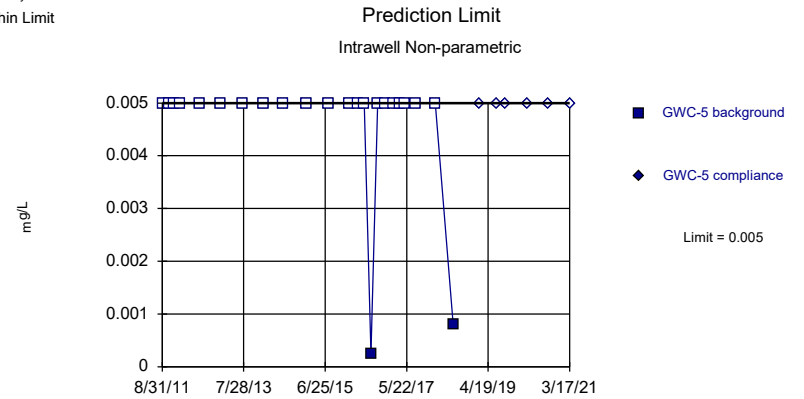
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

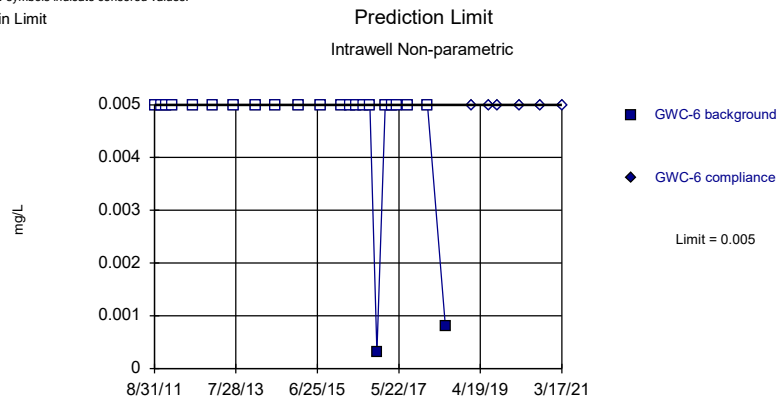
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

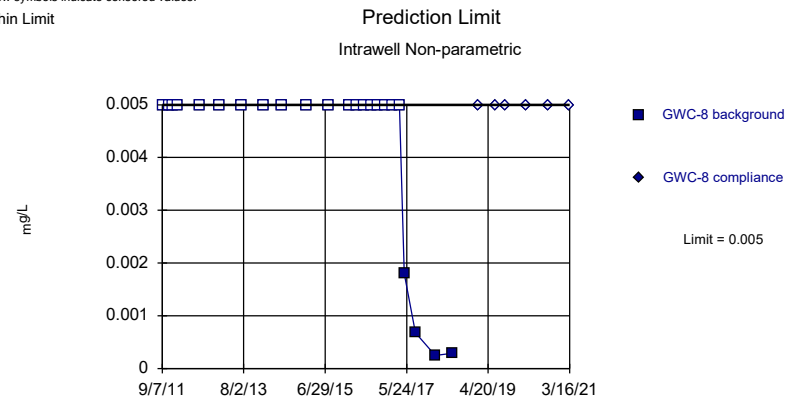
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



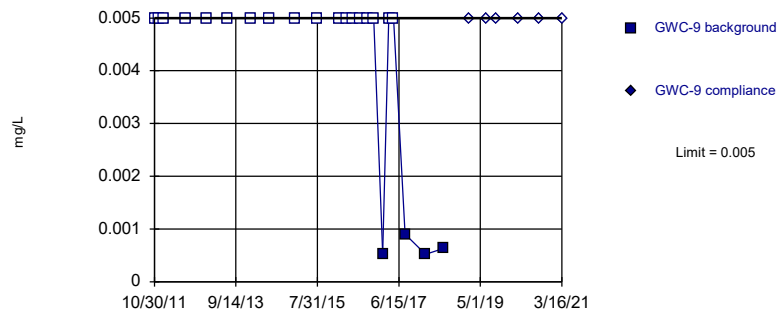
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



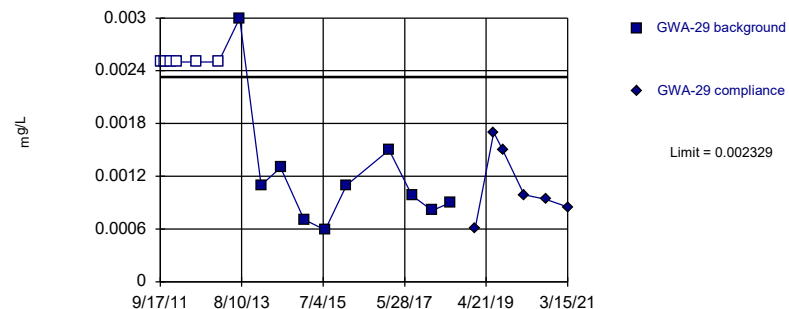
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



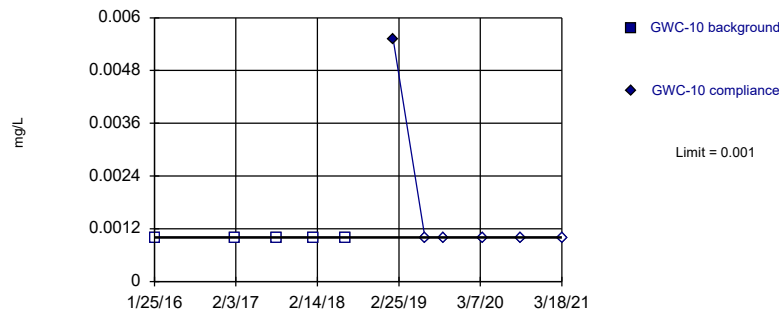
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03226, Std. Dev.=0.007215, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8621, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



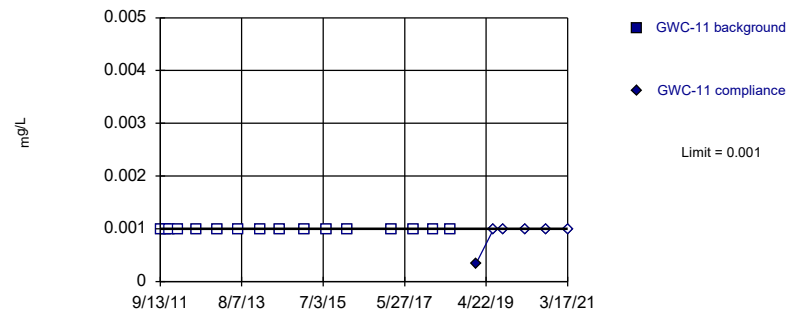
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 5) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

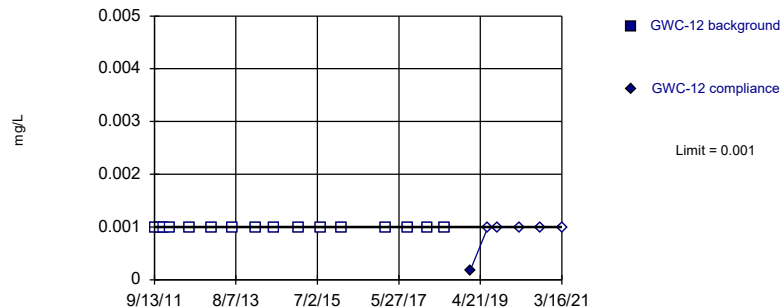


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

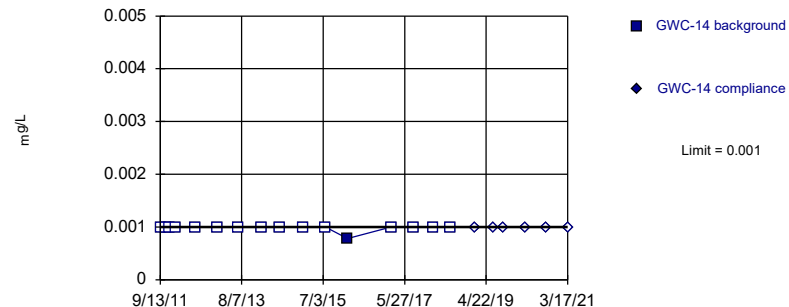


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

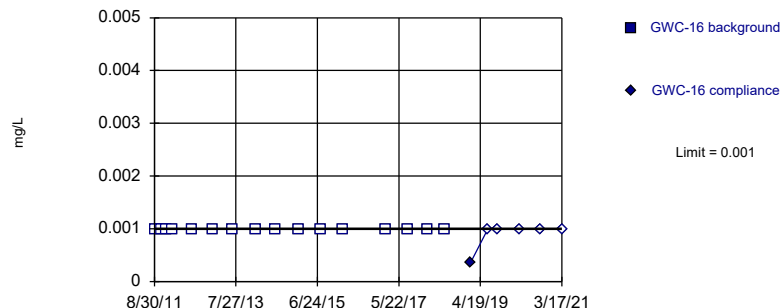


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

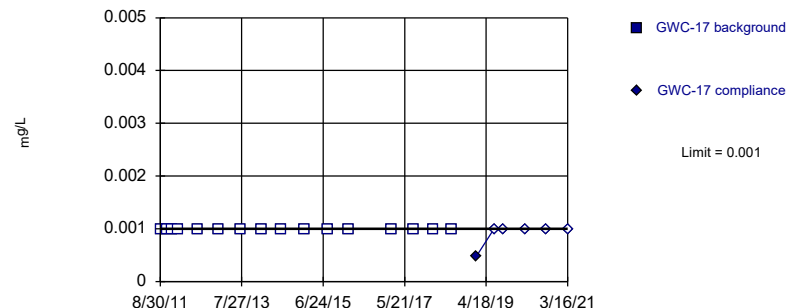


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

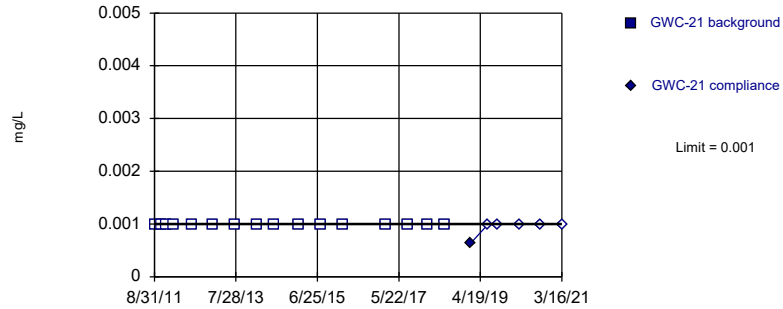


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

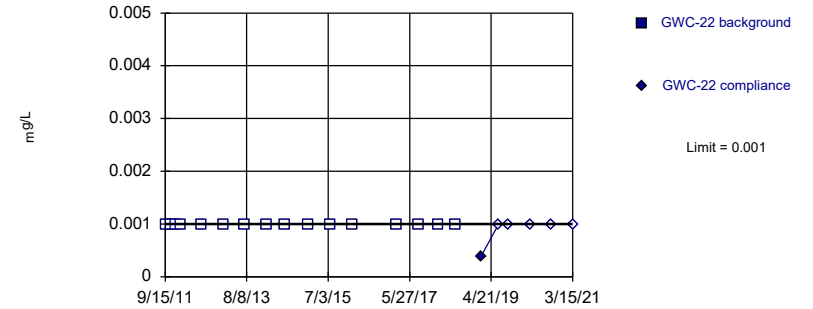


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

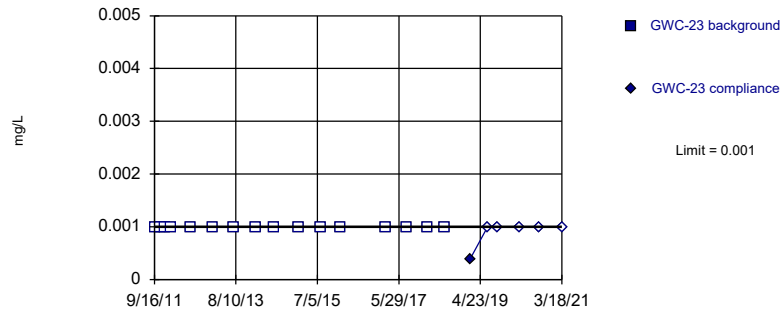


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

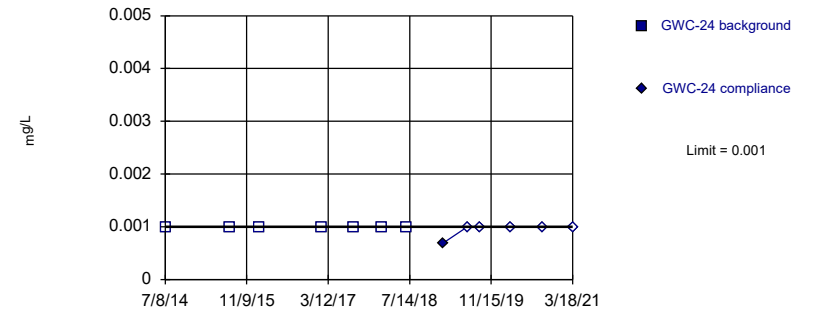


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

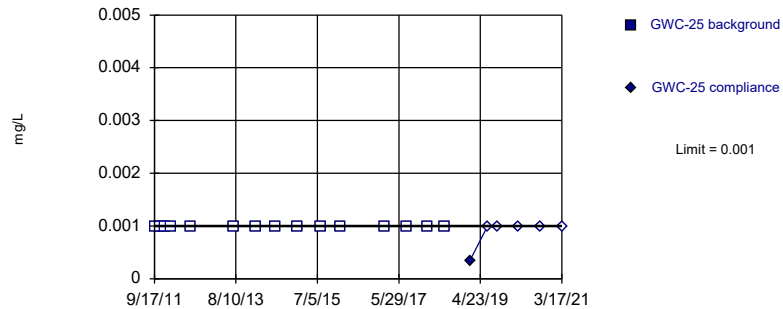


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 7) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

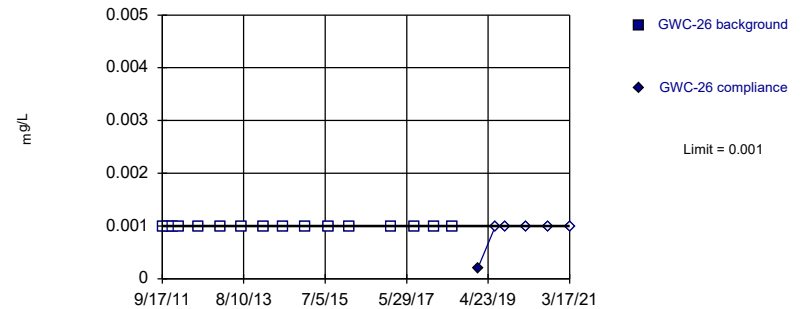


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

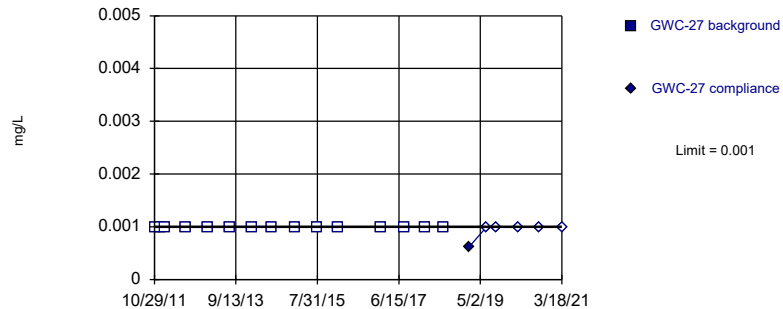


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

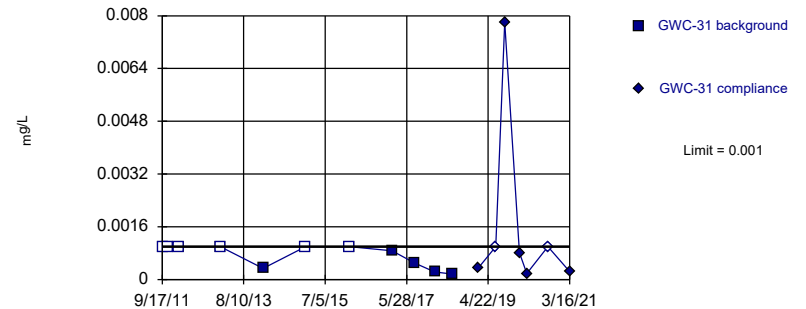


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

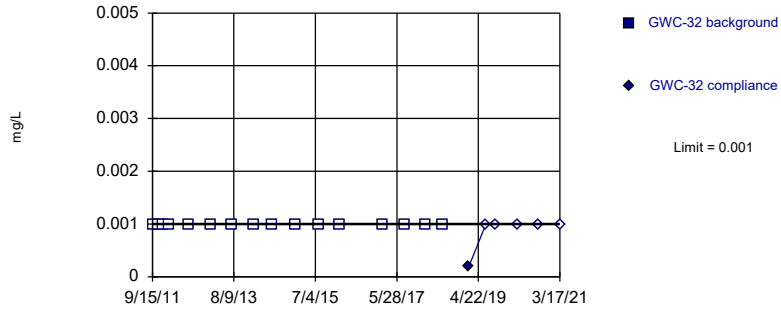


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

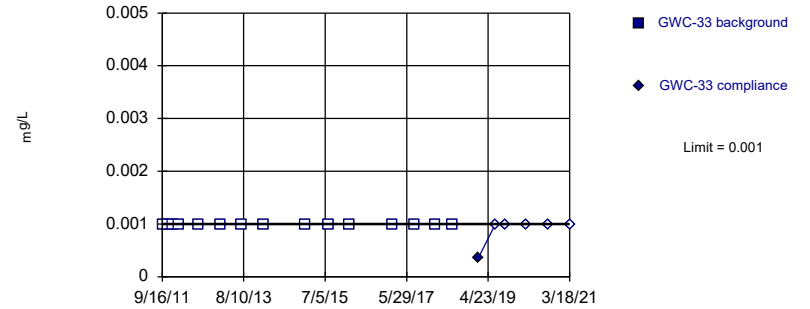


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

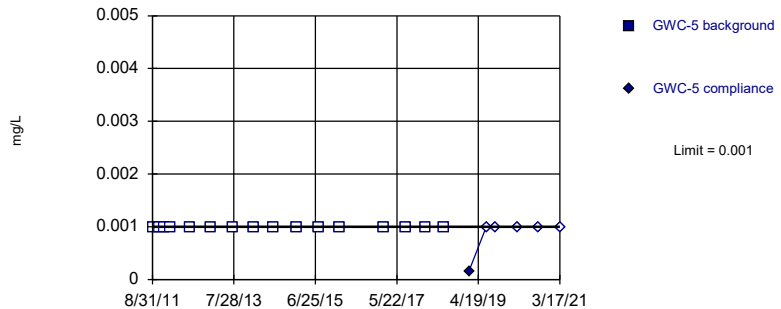


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

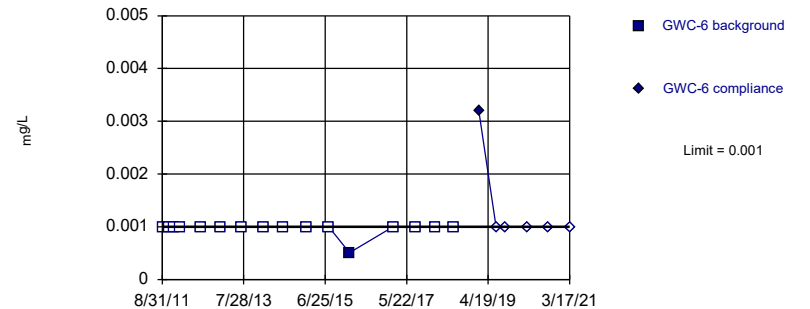


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

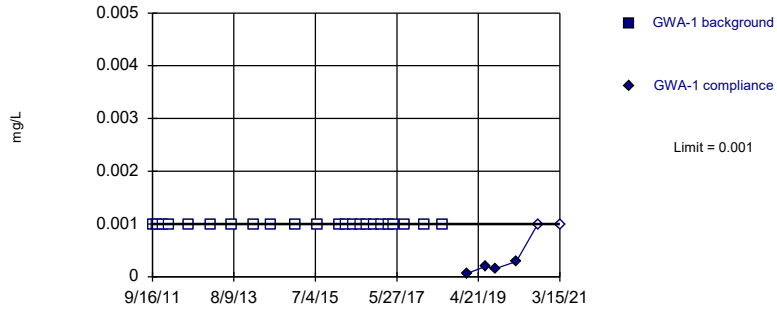


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

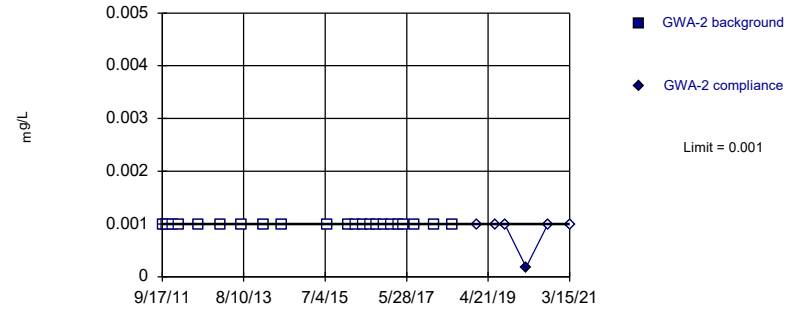


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

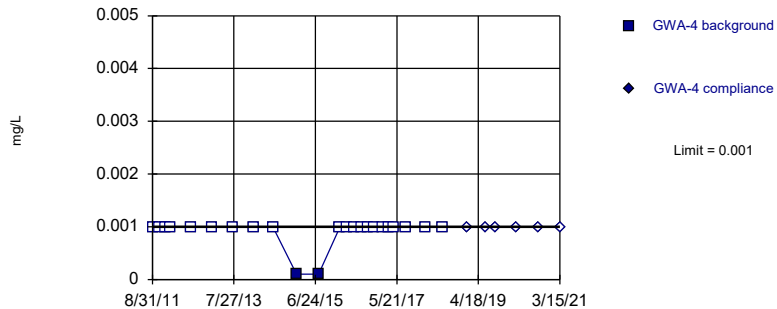


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

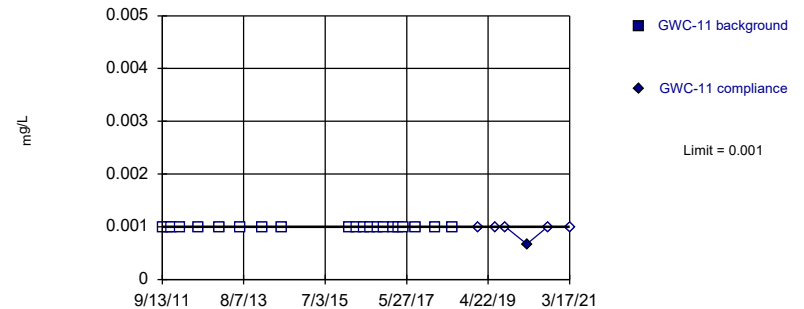


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

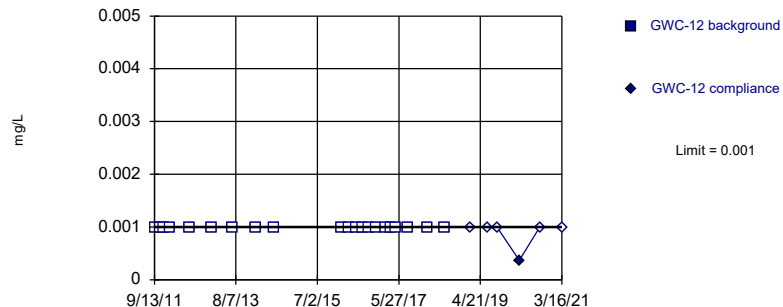


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

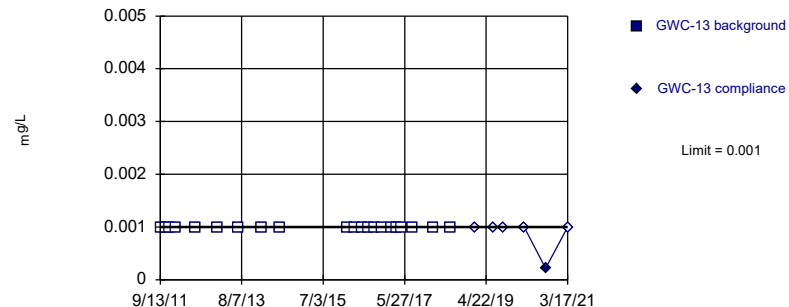


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

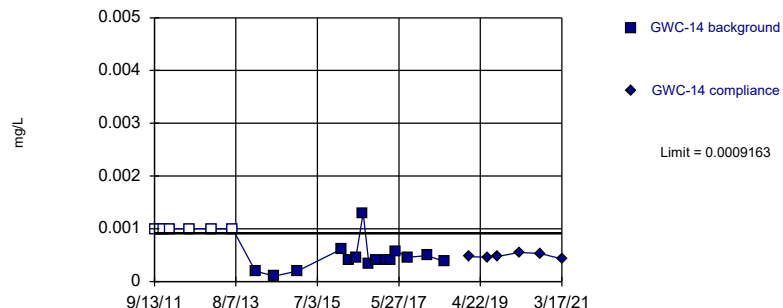


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Parametric

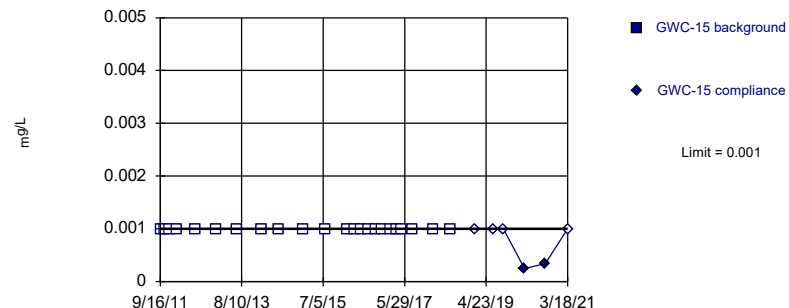


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0004118, Std. Dev.=0.0002469, n=22, 31.82% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8851, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

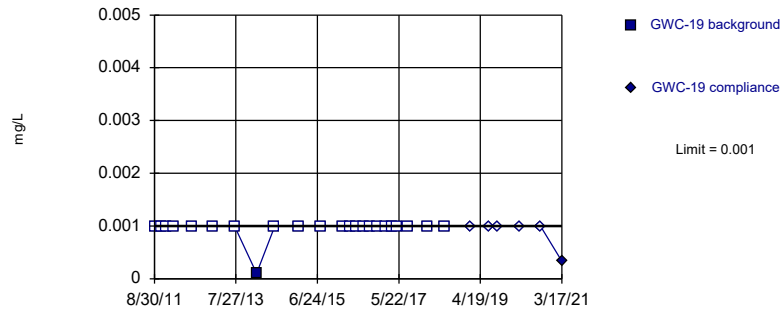


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

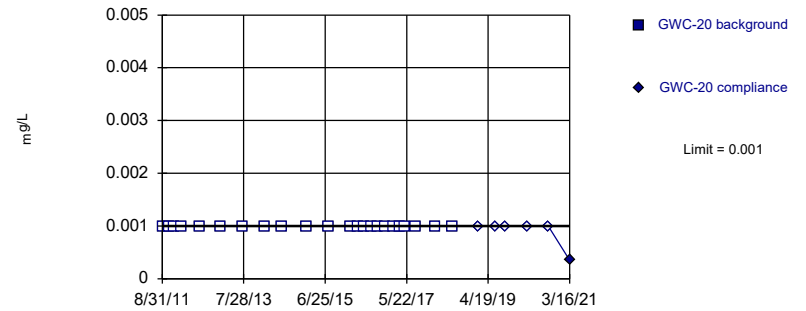


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

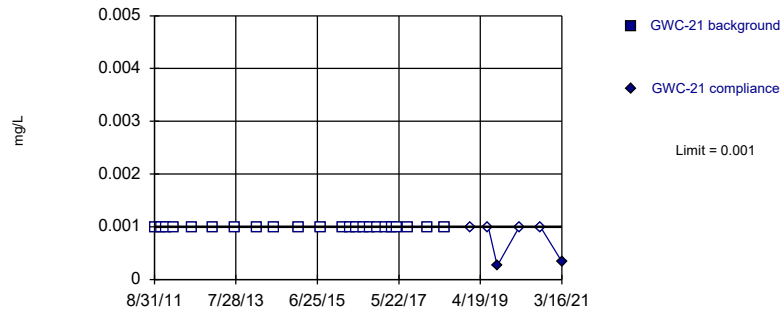


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

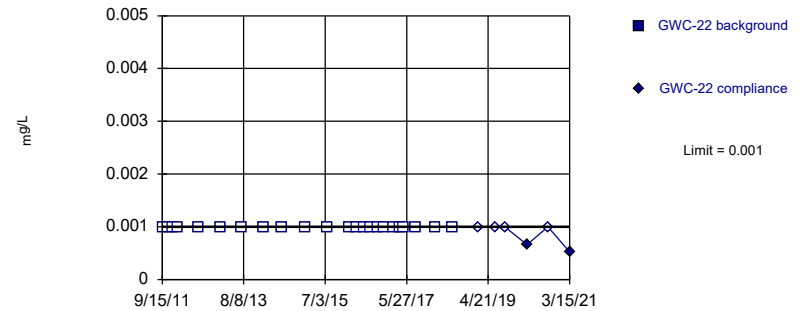


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

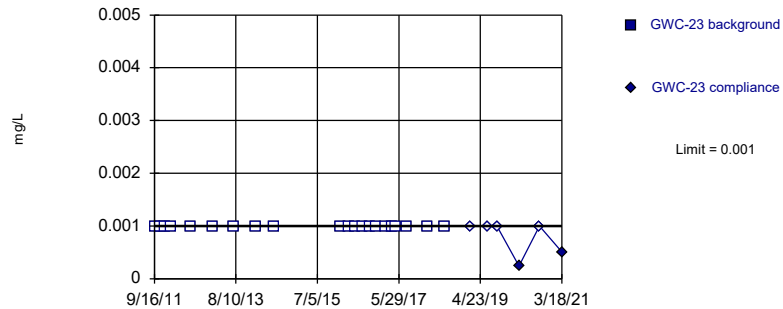


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

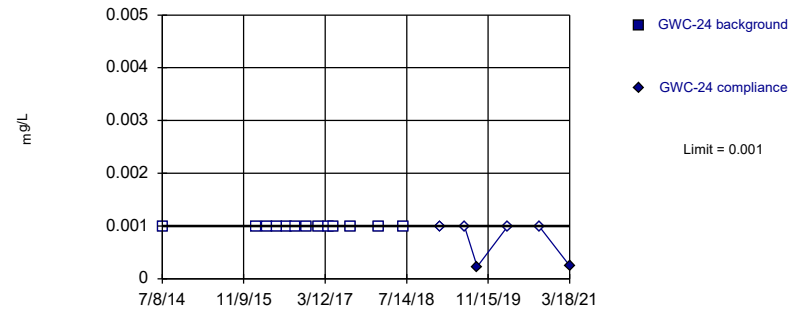


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

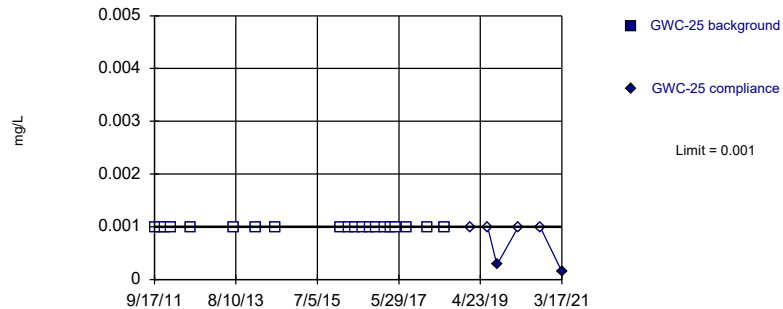


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 13) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003769. Individual comparison alpha = 0.001886 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

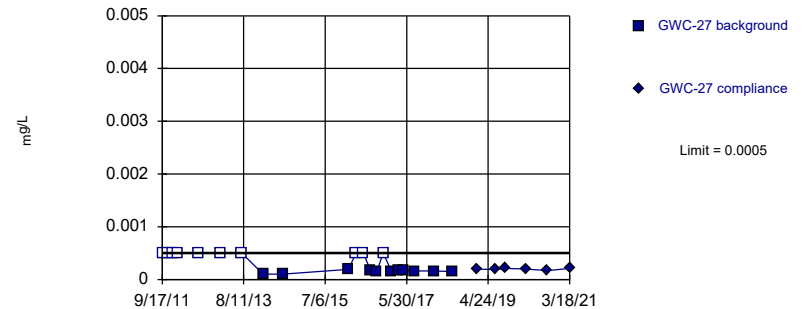


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

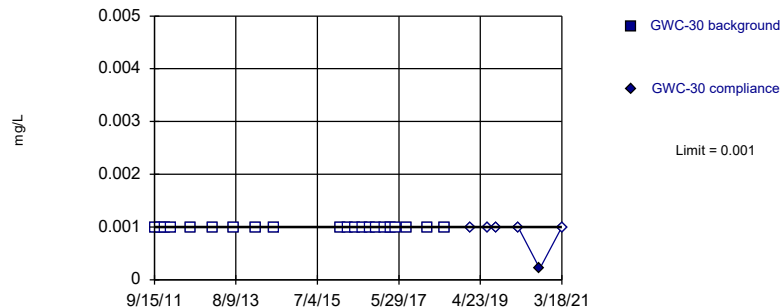


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

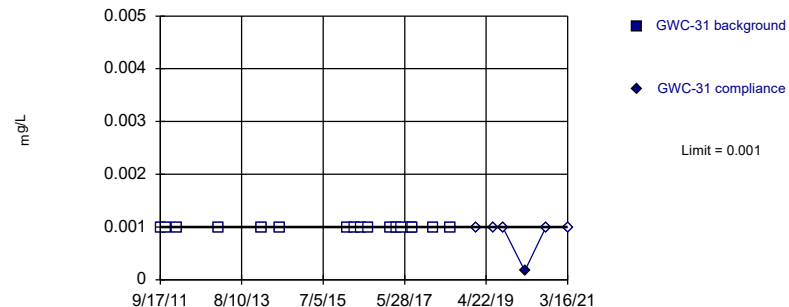


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

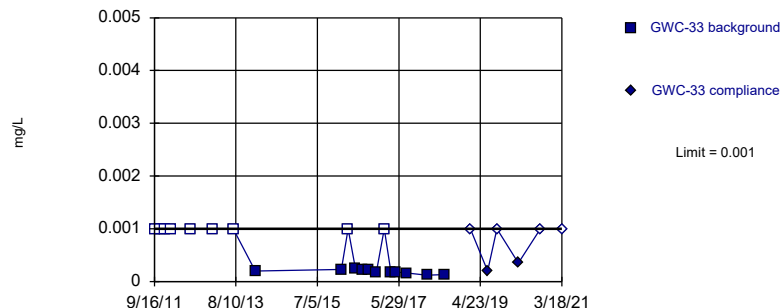


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00182. Individual comparison alpha = 0.0009102 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

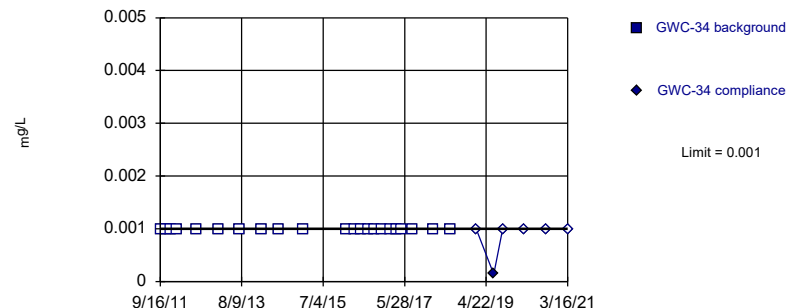


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

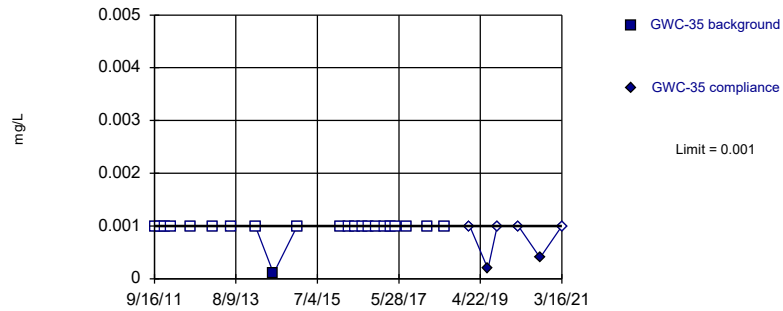


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

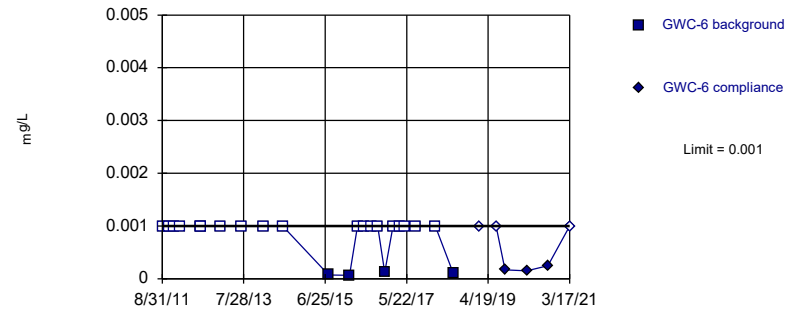


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

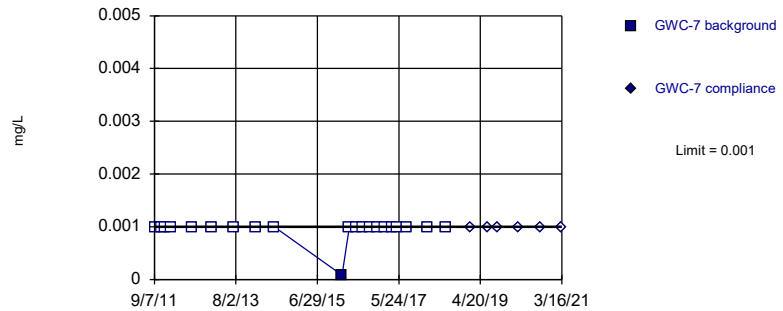


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

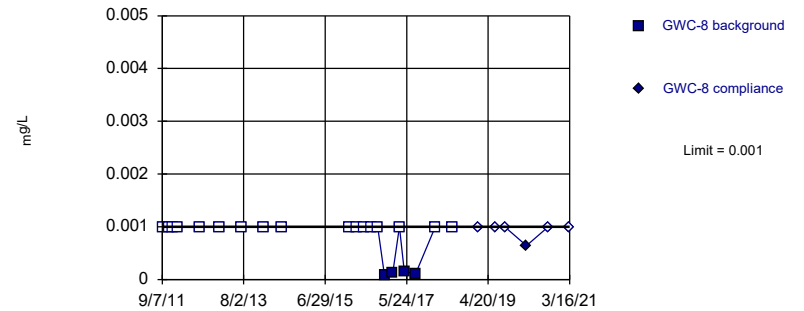


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

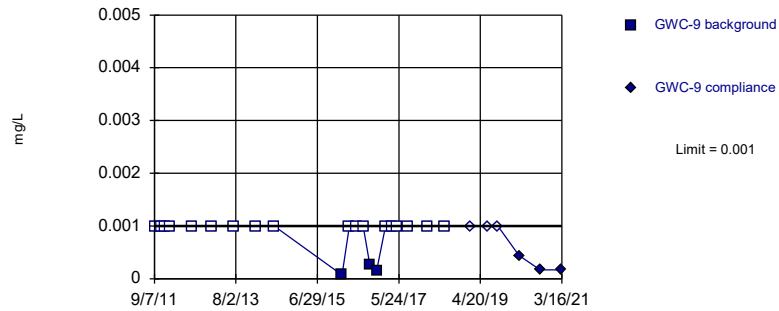


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

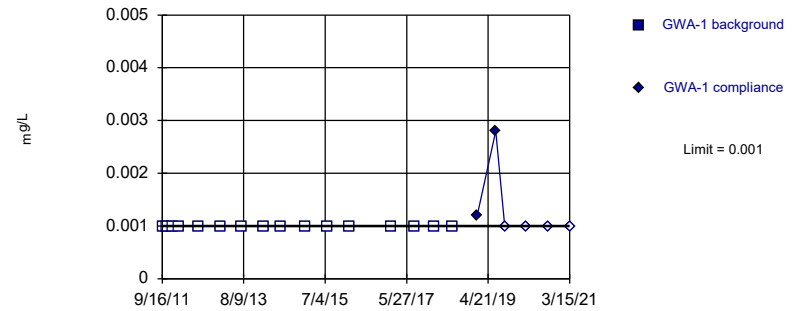


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

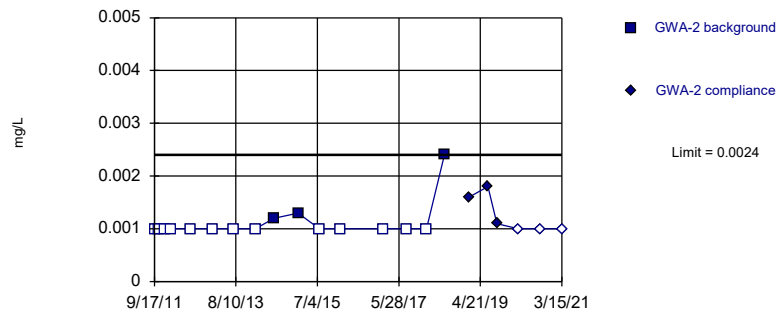


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

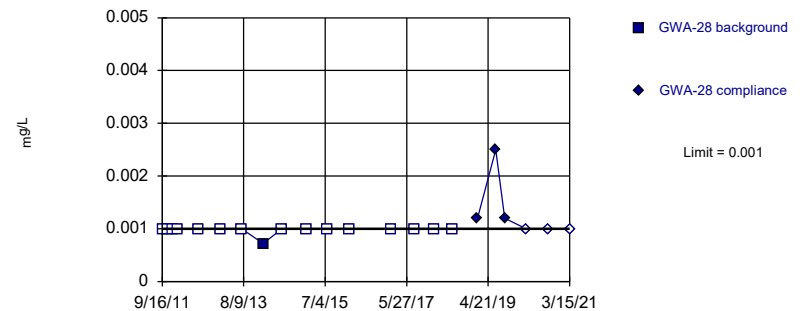


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

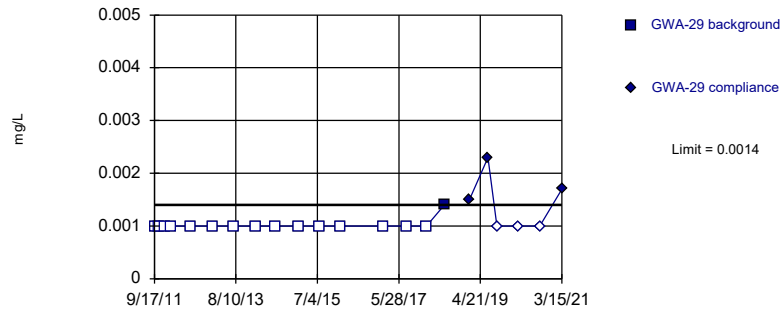


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

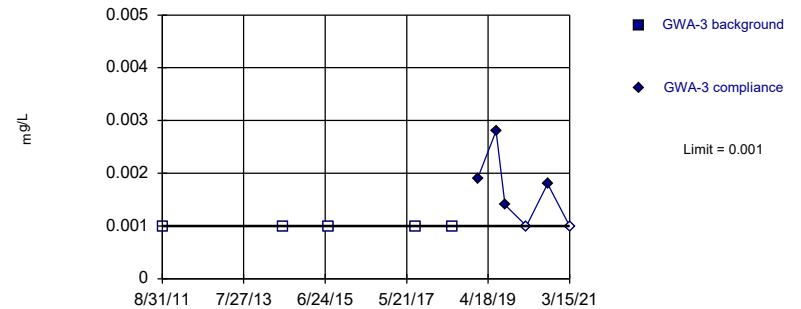


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

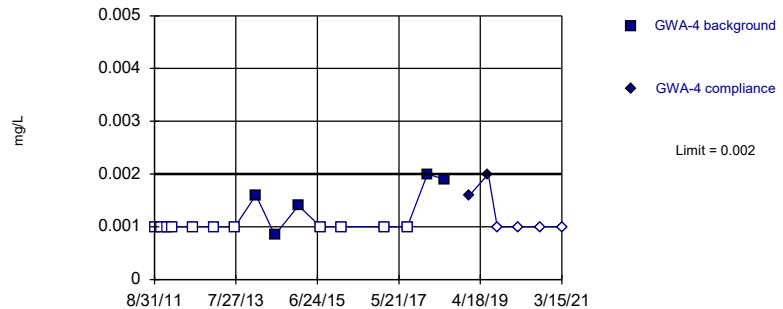


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 5) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

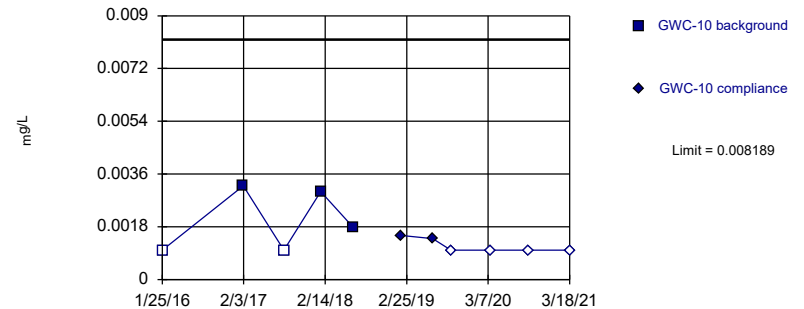


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

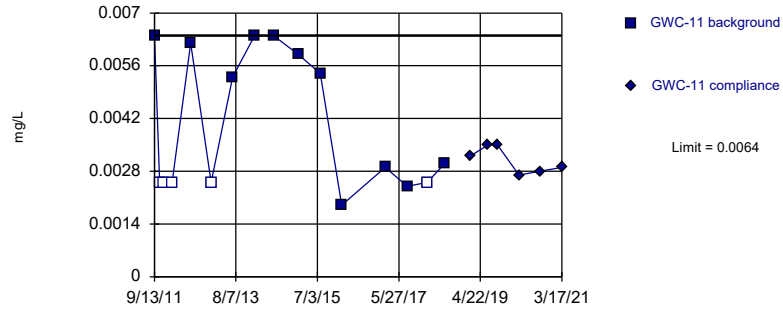


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002, Std. Dev.=0.0009466, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8442, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

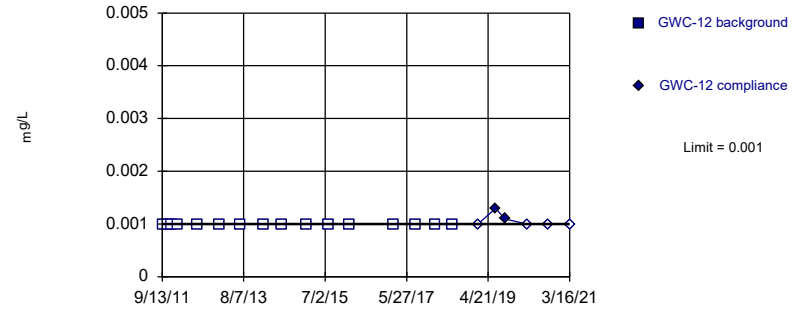


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 31.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

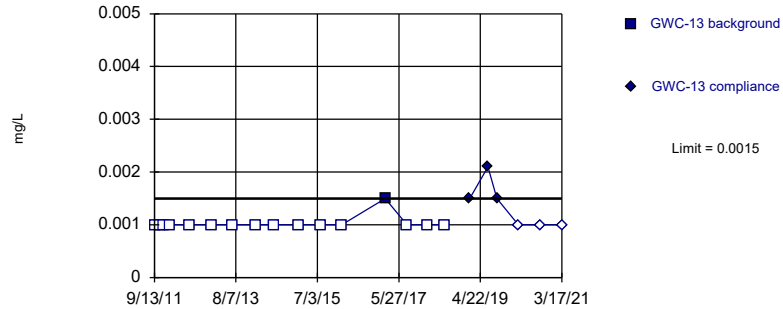


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

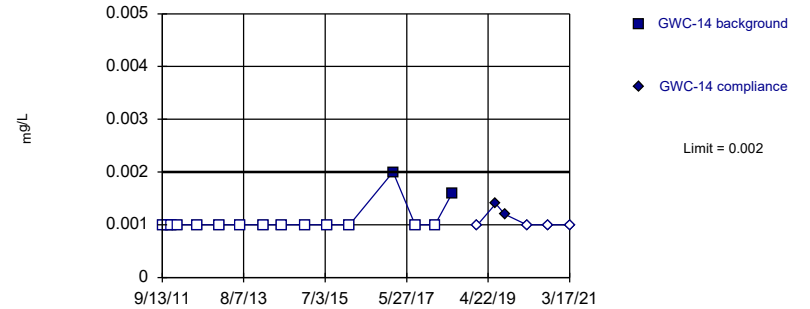


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

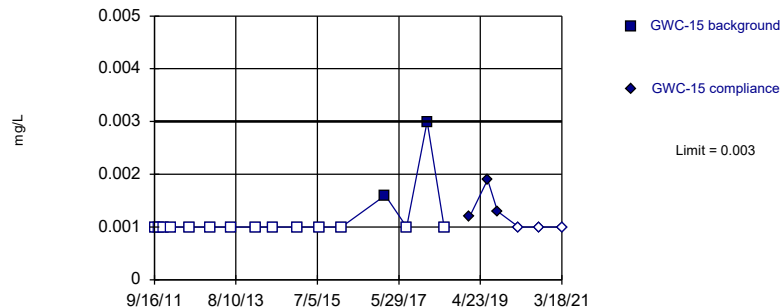


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

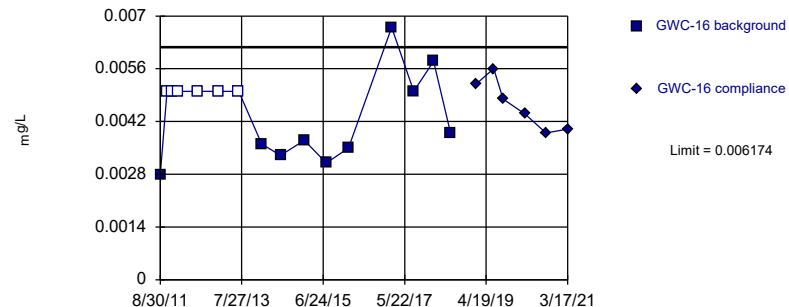


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:49 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

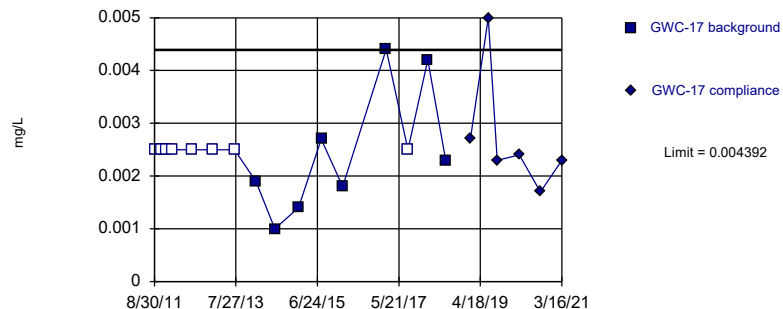


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003868, Std. Dev.=0.001039, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

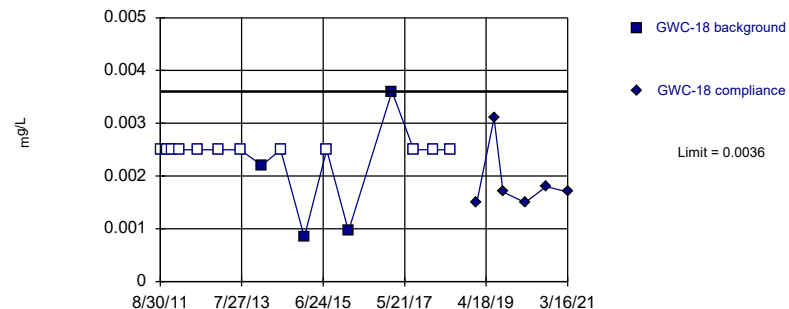


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04443, Std. Dev.=0.009845, n=16, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8643, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

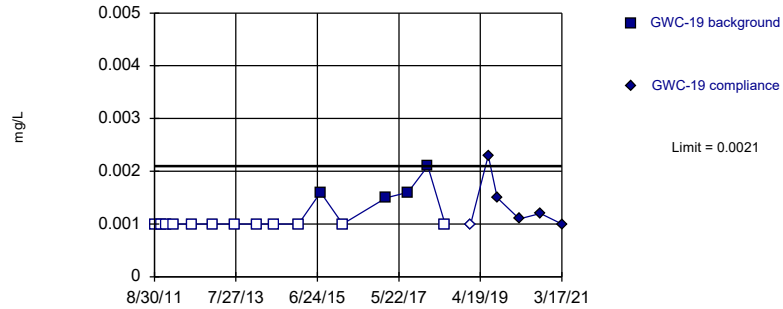


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

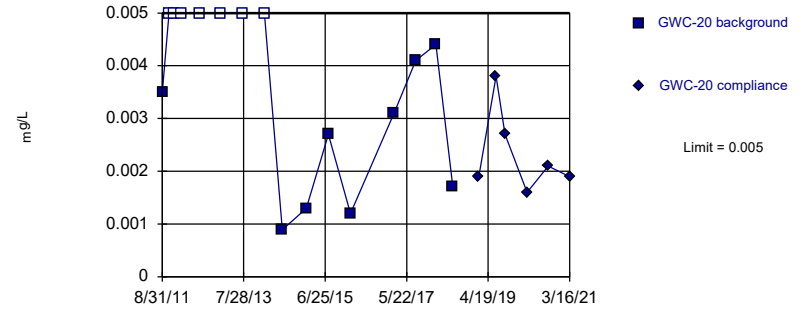


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

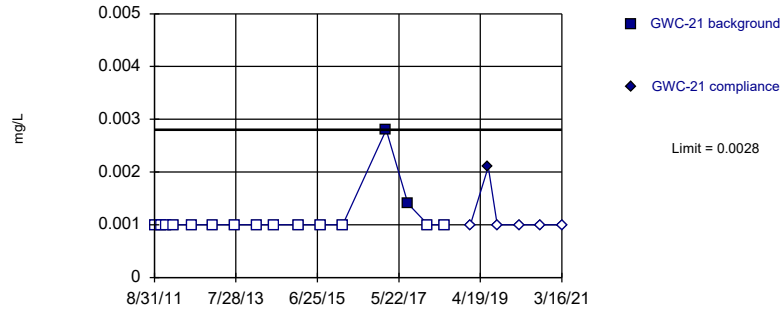


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

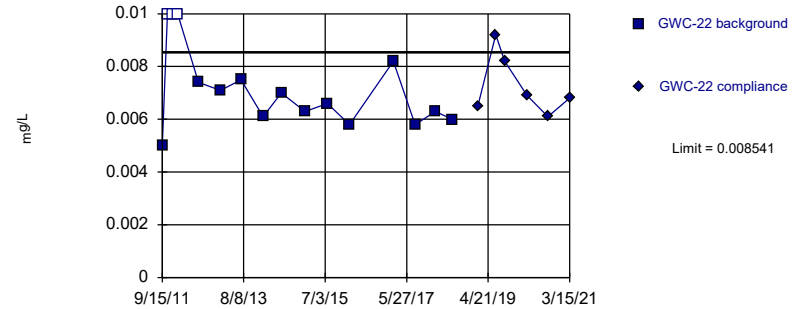


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

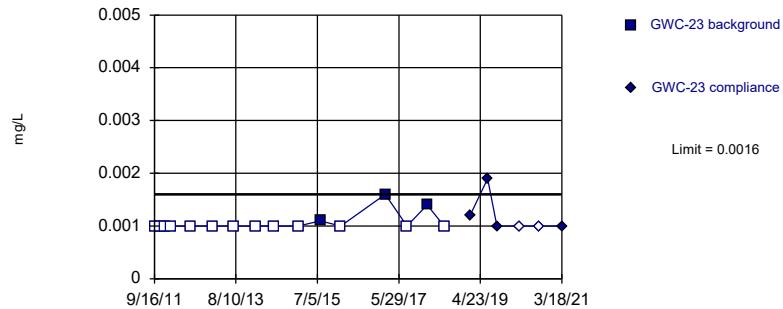


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.006429, Std. Dev.=0.0009517, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8721, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

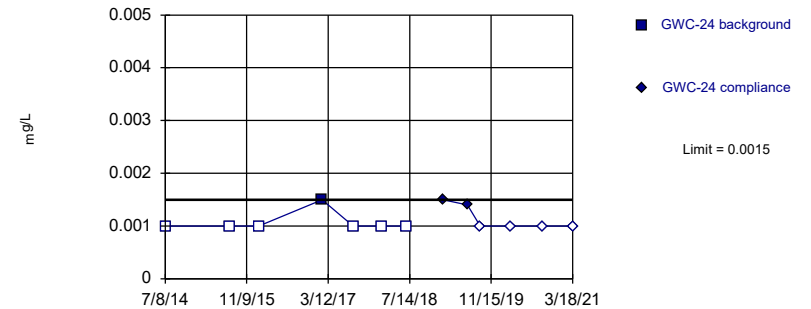


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

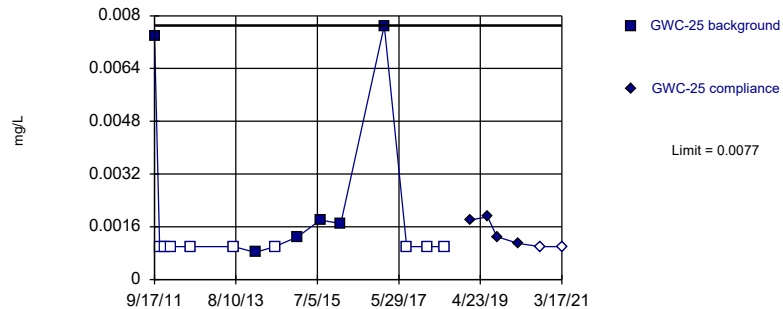


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 7 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

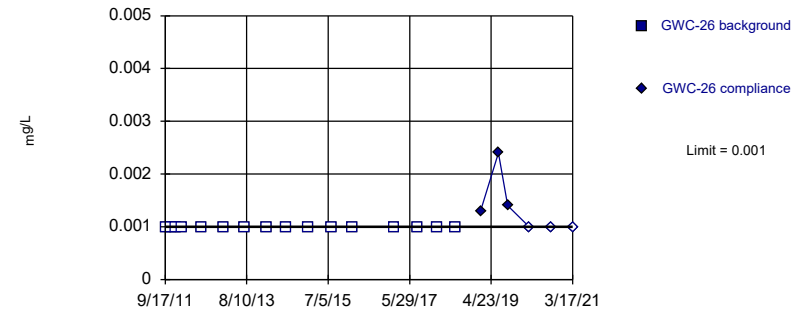


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

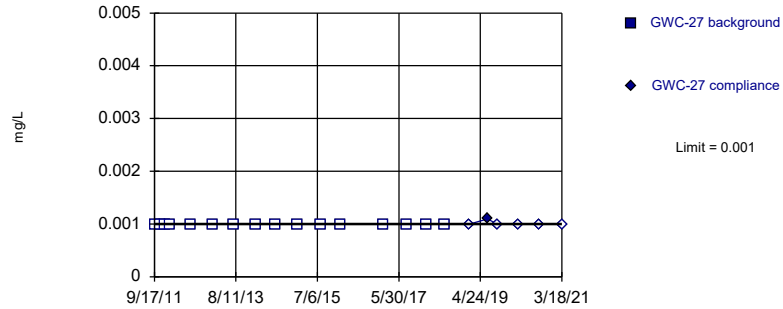


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

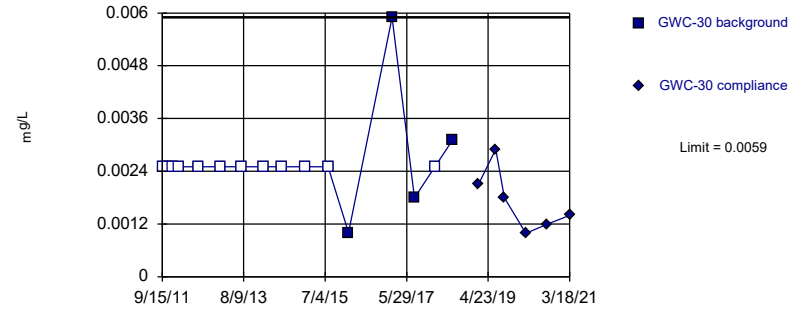


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

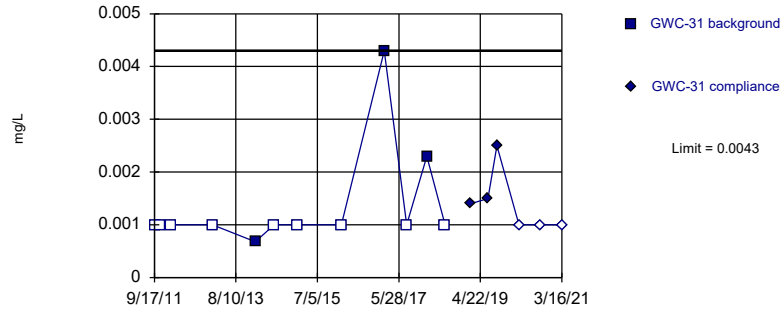


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

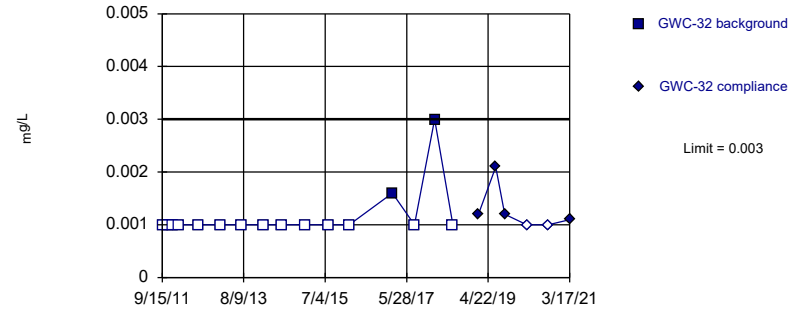


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

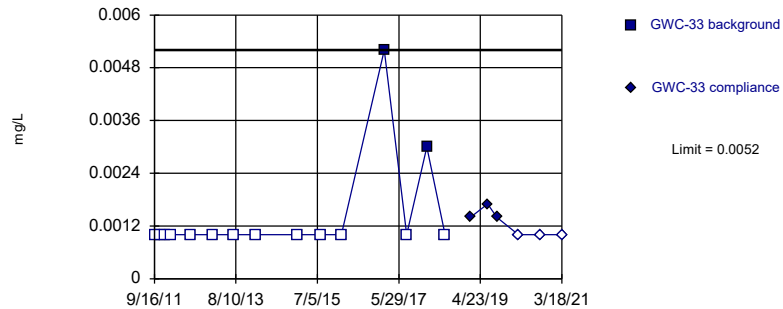


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

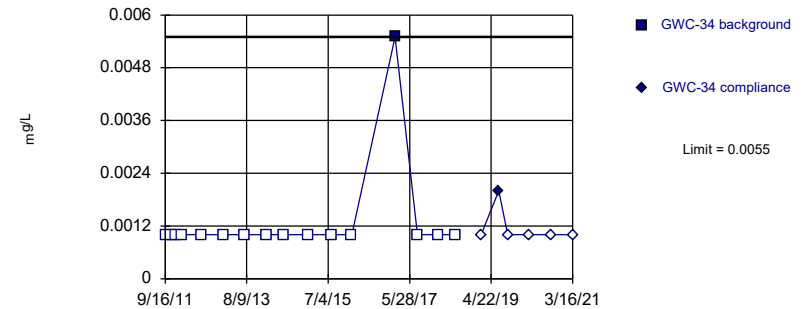


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

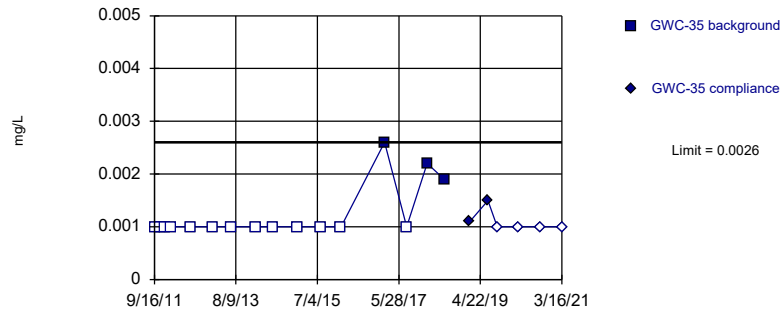


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

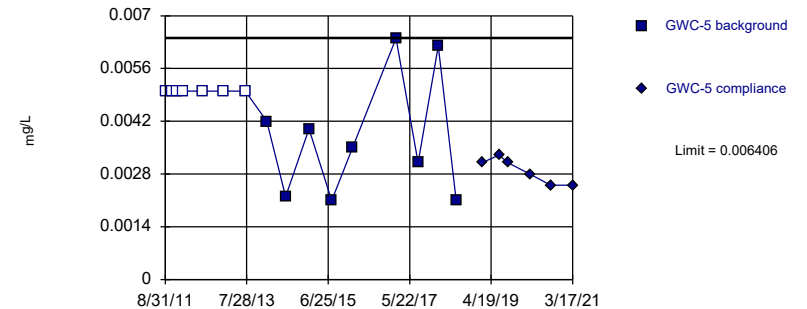


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

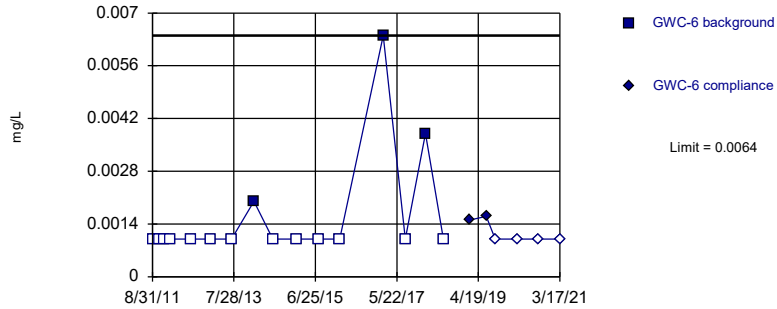


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003438, Std. Dev.=0.001338, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8883, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

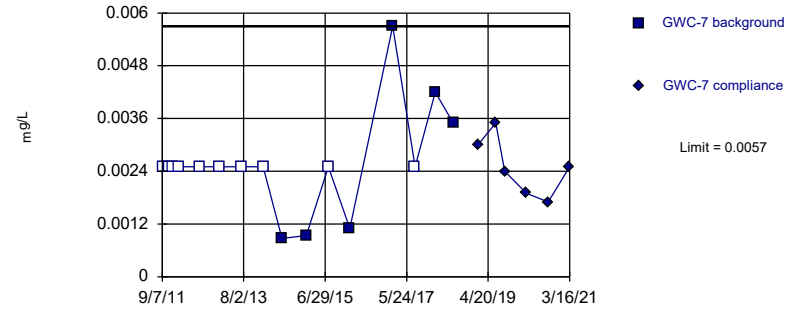


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

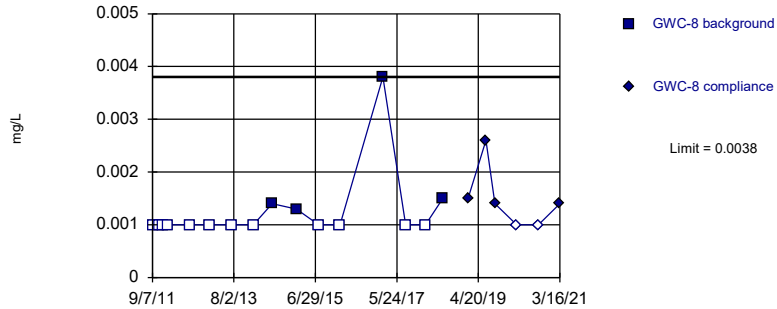


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

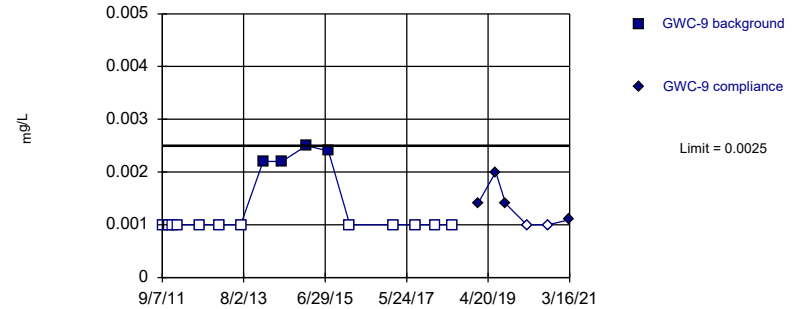


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

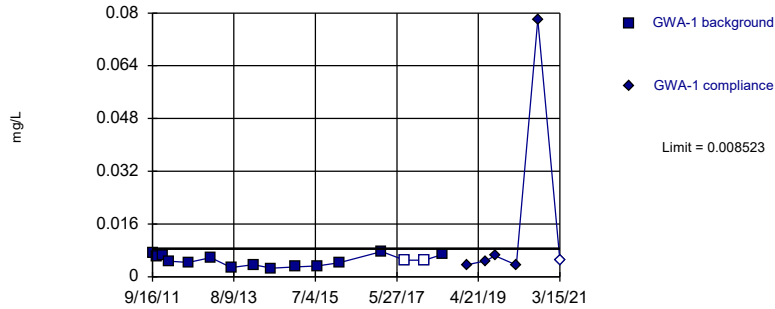


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

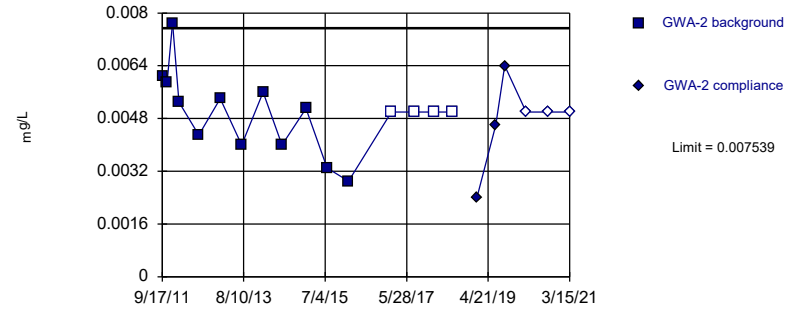


Background Data Summary: Mean=0.004931, Std. Dev.=0.001619, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

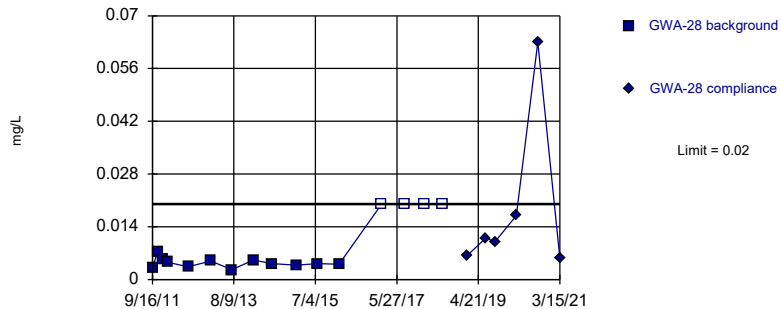


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004549, Std. Dev.=0.001348, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

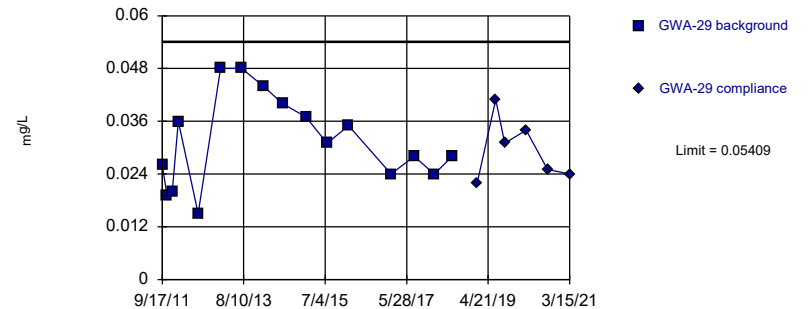


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric



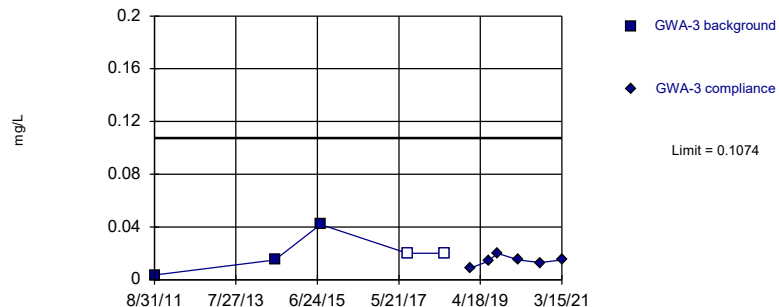
Background Data Summary: Mean=0.03144, Std. Dev.=0.01021, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9596, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



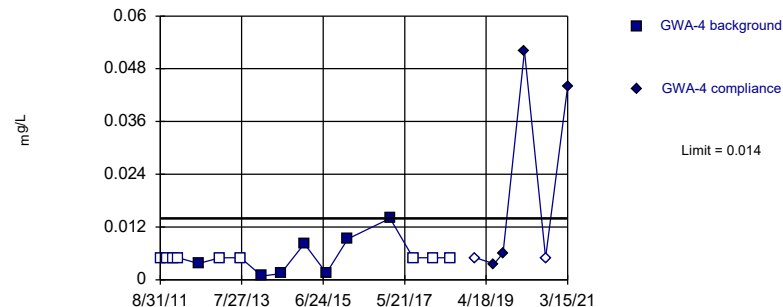
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.01588, Std. Dev.=0.014, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit
Intrawell Non-parametric



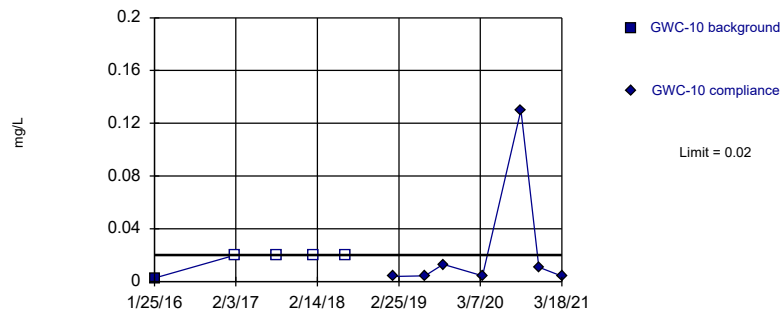
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



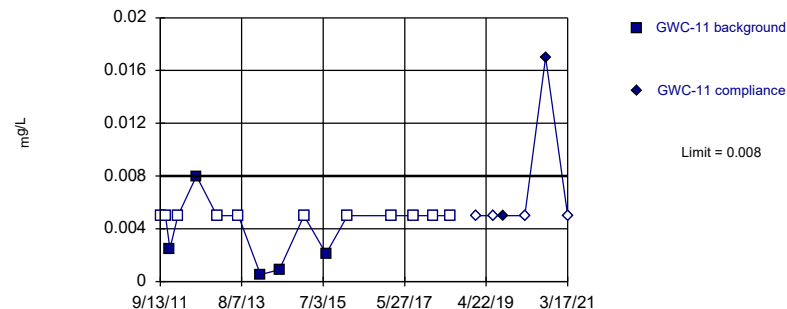
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 80% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

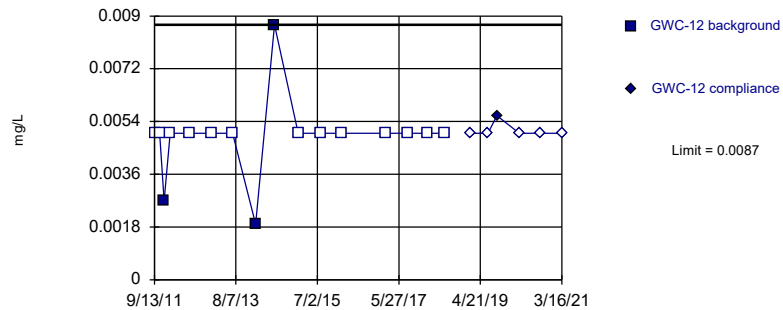


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

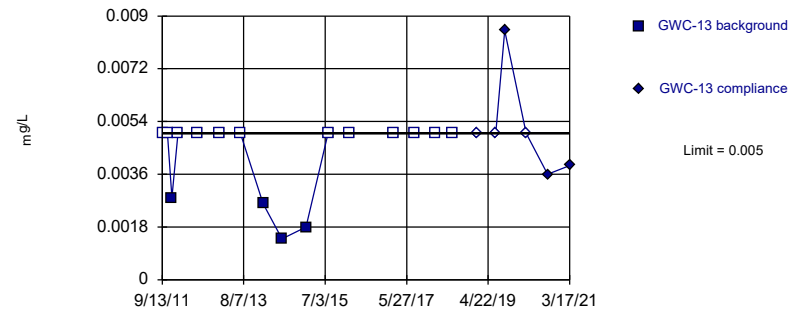


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

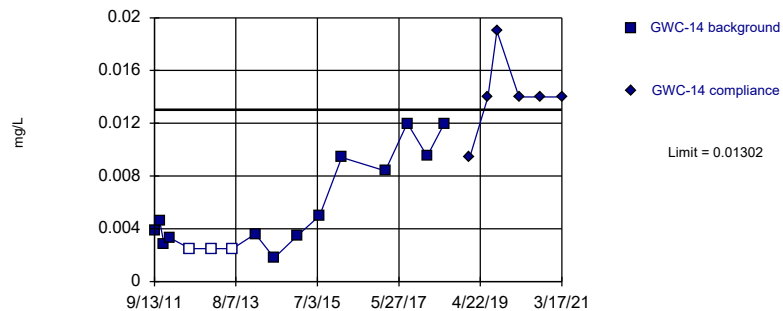


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Parametric

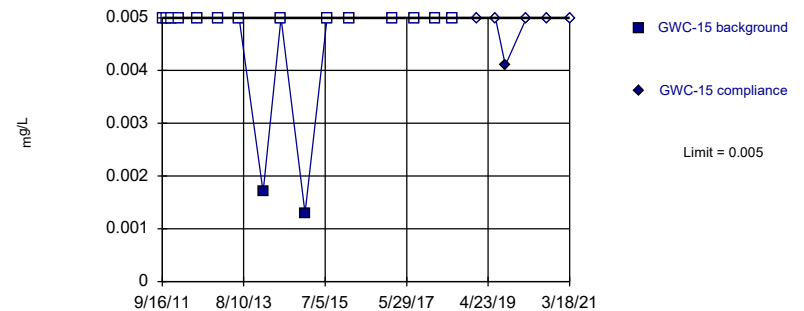


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.0662, Std. Dev.=0.02159, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8682, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

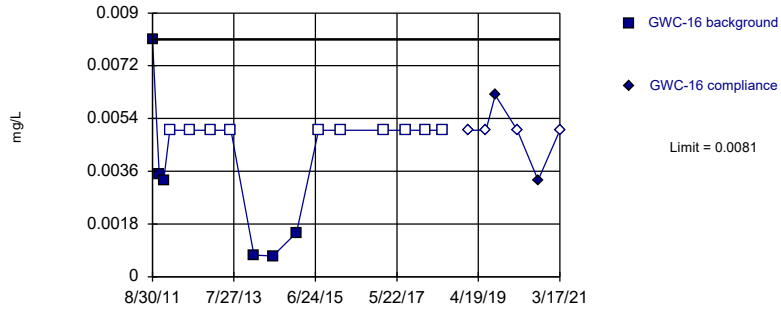


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

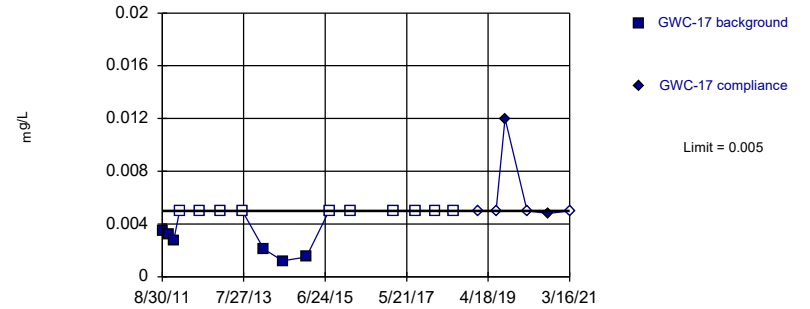


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

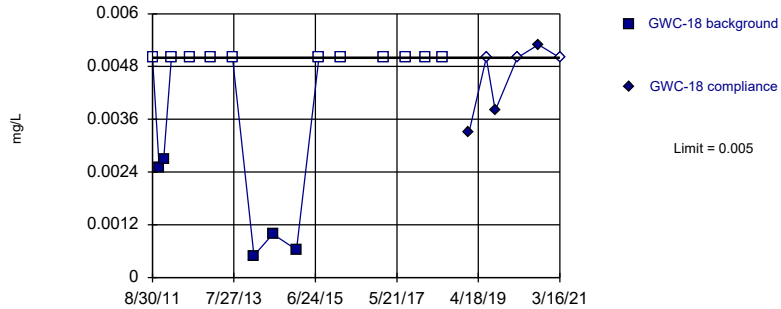


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

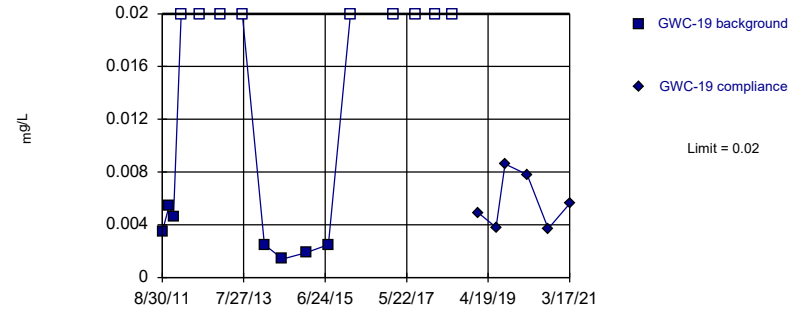


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

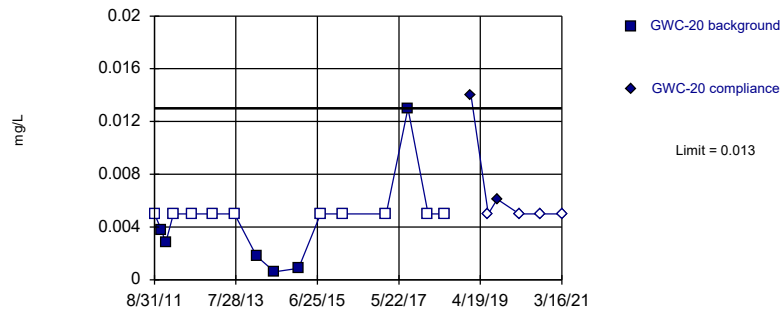


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

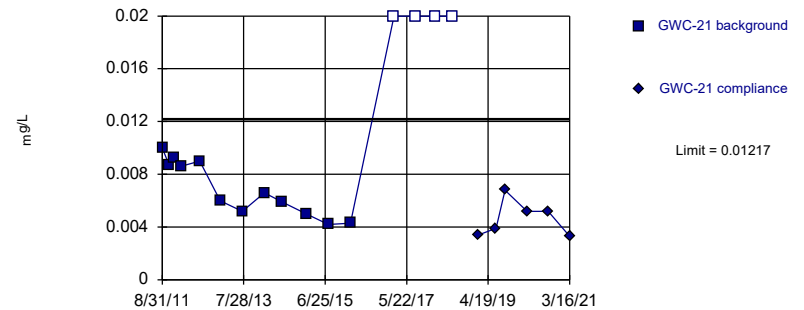


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

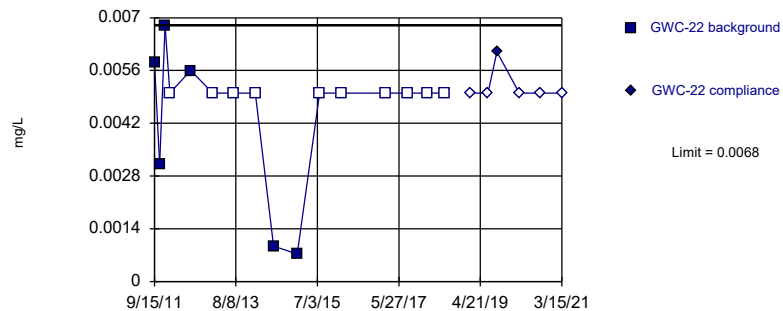


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1885, Std. Dev.=0.01871, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8467, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

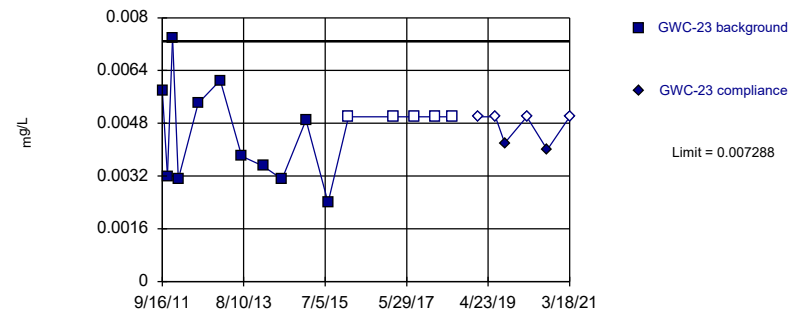


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

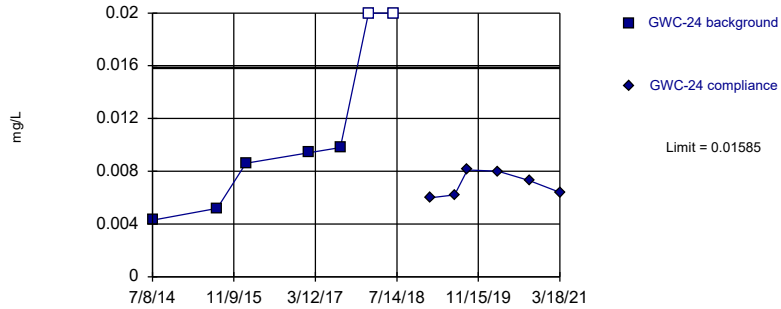


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00404, Std. Dev.=0.001464, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

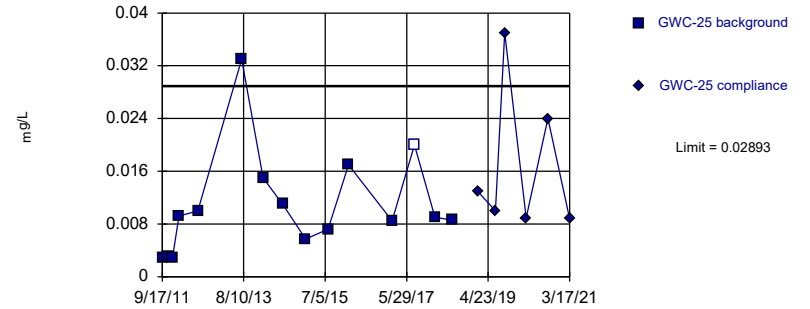


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00746, Std. Dev.=0.002264, n=7, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8331, critical = 0.73. Kappa = 3.706 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

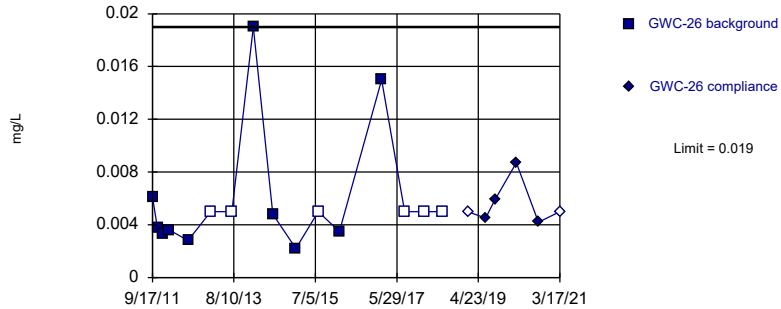


Background Data Summary: Mean=0.01086, Std. Dev.=0.007912, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

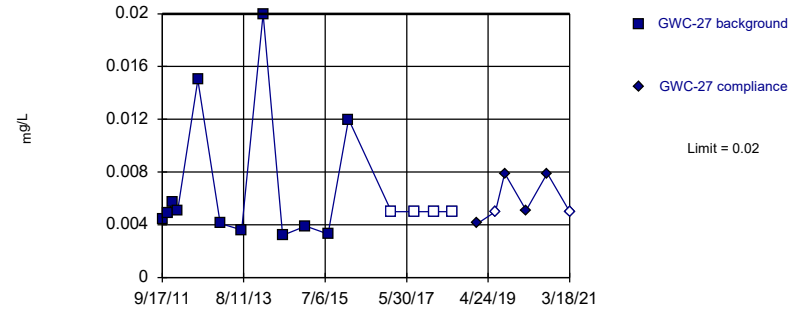


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

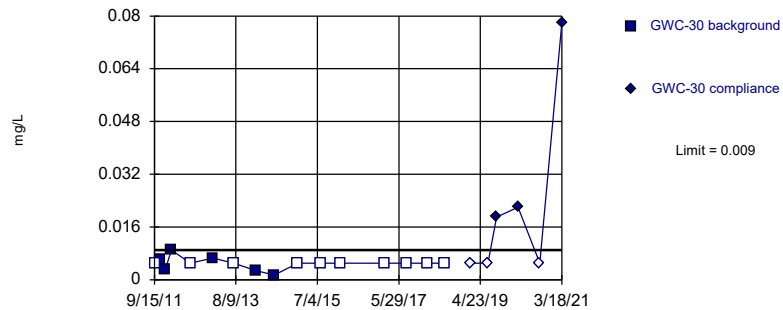


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit

Prediction Limit
 Intrawell Non-parametric

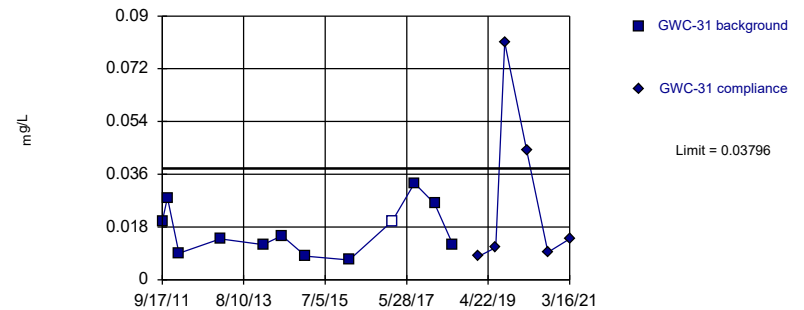


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

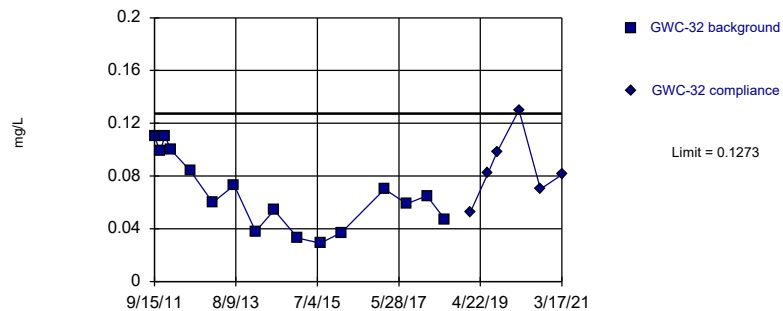


Background Data Summary: Mean=0.01699, Std. Dev.=0.008457, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

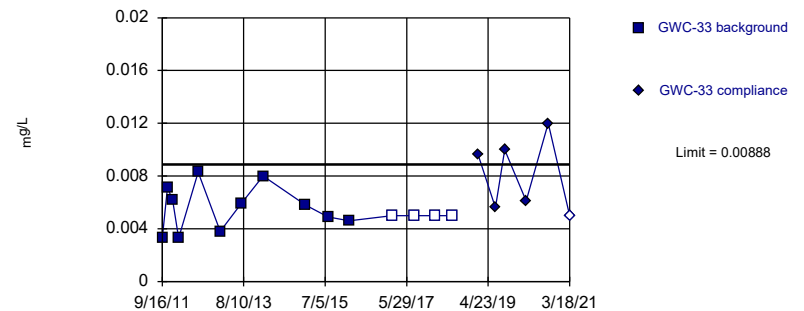


Background Data Summary: Mean=0.06675, Std. Dev.=0.02729, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

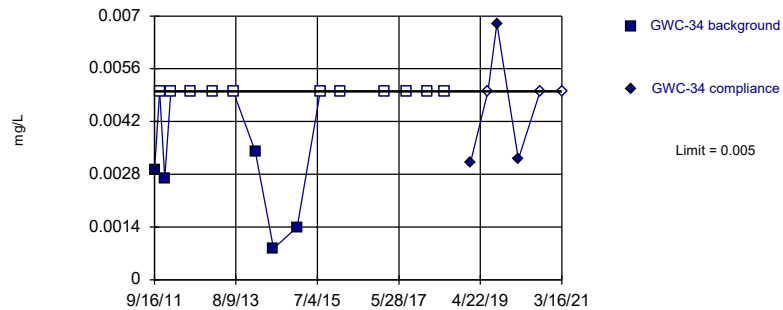


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005141, Std. Dev.=0.001637, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

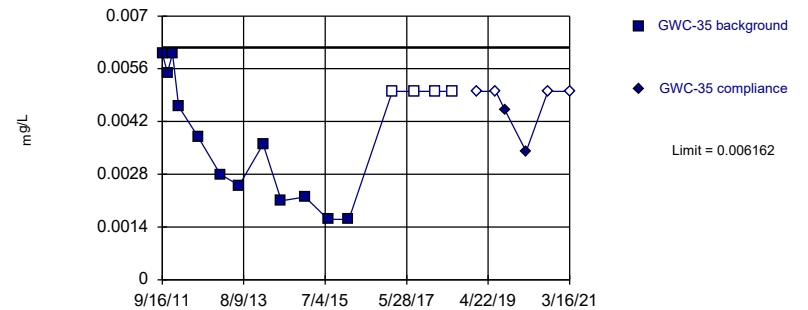


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

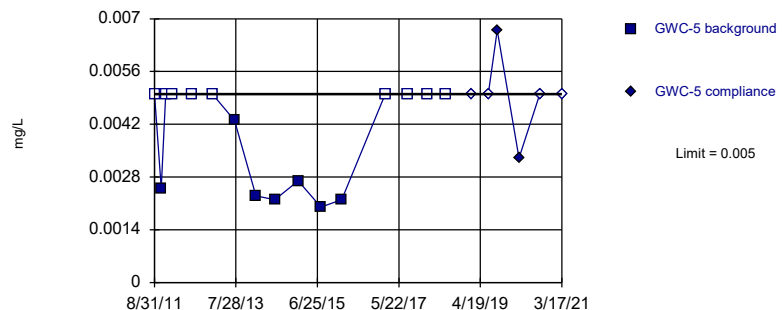


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003142, Std. Dev.=0.001361, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9024, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

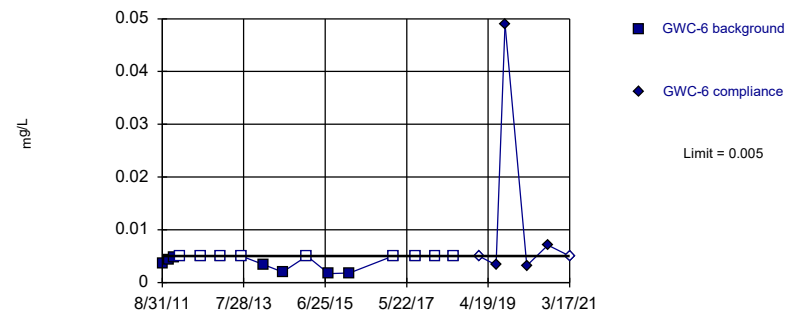


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



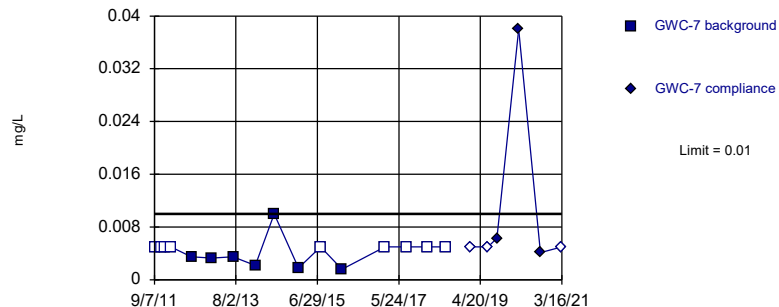
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



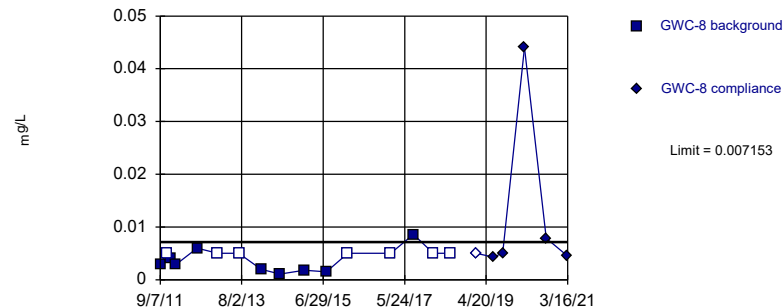
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



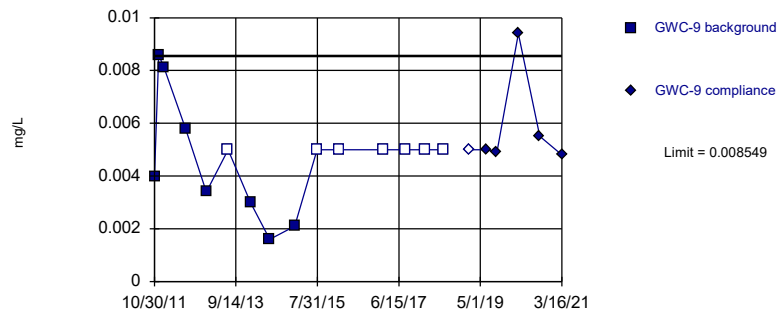
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002775, Std. Dev.=0.001974, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003756, Std. Dev.=0.002099, n=15, 46.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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 (D)	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002 (D)	
3/22/2016	0.00113 (J)	
5/19/2016	0.00103 (J)	
7/21/2016	0.0013 (J)	
1/17/2017	<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)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	<0.002	
7/21/2015	<0.002	
3/31/2016	0.000602 (J)	
5/25/2016	0.000642 (J)	
7/27/2016	<0.002	
8/1/2017	<0.002	
10/3/2017	<0.002	
6/20/2018	<0.002	
1/18/2019		<0.002
6/25/2019		<0.002
9/11/2019		<0.002
3/10/2020		<0.002
9/9/2020		<0.002
3/15/2021		<0.002

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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)

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: All
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
3/31/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
8/1/2017	<0.001	
10/3/2017	<0.001	
6/20/2018	0.001 (J)	
1/18/2019		<0.001
6/25/2019		<0.001
9/11/2019		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: All

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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	0.00165 (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	
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:24 AM View: AI
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)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	0.0015	
7/22/2015	0.0014	
1/19/2016	0.00092 (JD)	
3/22/2016	<0.01	
5/19/2016	0.00265 (J)	
7/21/2016	0.0038	
1/17/2017	0.0011 (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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.1	
6/25/2014	0.048	
7/21/2015	0.036	
3/31/2016	0.027	
5/25/2016	0.027	
7/27/2016	0.029	
8/1/2017	0.03	
10/3/2017	0.038	
6/20/2018	0.029	
1/18/2019		0.033
6/25/2019		0.082
9/11/2019		0.094
3/10/2020		0.079
9/9/2020		0.088
3/15/2021		0.1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	<0.0013	
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 (O)	
11/17/2016	0.27 (O)	
2/1/2017	0.088	
3/23/2017	0.11	
5/3/2017	0.1	
8/7/2017	0.23 (O)	
1/25/2018	0.1	
6/20/2018	0.25 (O)	
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	<0.0013	
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	<0.01 (*)	
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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 (D)	
1/21/2015	0.0026	
7/22/2015	0.0024	
1/19/2016	0.0024 (D)	
3/22/2016	0.00194 (J)	
5/19/2016	0.00188 (J)	
7/21/2016	0.0021 (J)	
1/17/2017	0.0024 (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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	<0.0025	
7/21/2015	<0.0025	
3/31/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		<0.0025
6/25/2019		<0.0025
9/11/2019		0.0003 (J)
3/10/2020		<0.0025
9/9/2020		<0.0025
3/15/2021		<0.0025

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	<0.0025	
7/22/2015	<0.0025	
1/19/2016	<0.0025 (D)	
3/22/2016	<0.0025	
5/19/2016	0.000111 (J)	
7/21/2016	<0.0025	
1/17/2017	<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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	<0.0025	
7/21/2015	0.00042 (J)	
3/31/2016	0.000546 (J)	
5/25/2016	0.000137 (J)	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		<0.0025
6/25/2019		0.00014 (J)
9/11/2019		<0.0025
3/10/2020		<0.0025
9/9/2020		<0.0025
3/15/2021		<0.0025

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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 (D)	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002 (D)	
3/22/2016	<0.002	
5/19/2016	0.00684 (JO)	
7/21/2016	<0.002	
1/17/2017	<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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	<0.002	
7/21/2015	<0.002	
3/31/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	<0.002	
8/1/2017	<0.002	
10/3/2017	0.0013 (J)	
6/20/2018	<0.002	
1/18/2019		0.0017 (J)
6/25/2019		0.0027
9/11/2019		<0.002
3/10/2020		<0.002
9/9/2020		<0.002
3/15/2021		<0.002

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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 (JB)	
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)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/8/2012	<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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/8/2012	<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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.0013	
10/30/2011	<0.0025	
12/4/2011	0.0021	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	0.0019	
7/9/2013	0.002	
1/14/2014	<0.0025	
6/24/2014	0.0029	
1/20/2015	<0.0025	
7/27/2015	0.0013	
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	0.0015 (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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
3/22/2016	<0.0025	
5/19/2016	<0.0025	
7/21/2016	<0.0025	
1/17/2017	<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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.0028	
6/25/2014	0.00075 (J)	
7/21/2015	0.00066 (J)	
3/31/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		0.00011 (J)
6/25/2019		0.00042 (J)
9/11/2019		0.00017 (J)
3/10/2020		0.00081 (J)
9/9/2020		0.00076 (J)
3/15/2021		0.0015 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
9/16/2011	0.0037 (O)	
10/29/2011	<0.0005	
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	<0.0005	
7/29/2015	0.00052 (J)	
1/21/2016	<0.0005	
3/29/2016	<0.0005	
5/25/2016	<0.0005	
7/27/2016	<0.0005	
9/20/2016	<0.0005	
11/18/2016	<0.0005	
2/3/2017	<0.0005	
3/28/2017	<0.0005	
5/4/2017	<0.0005	
8/8/2017	<0.0005	
1/25/2018	<0.0005	
6/20/2018	<0.0005	
1/25/2019		8.4E-05 (J)
6/26/2019		<0.0005
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
7/22/2016	0.01	
9/16/2016	0.011	
11/17/2016	0.0032	
1/25/2017	<0.0025	
3/23/2017	0.0037	
5/1/2017	0.0085	
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.013	
10/30/2011	0.037	
12/5/2011	0.029	
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	0.0088	
7/22/2015	0.0072	
1/19/2016	0.0083 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	0.0016 (J)	
7/21/2015	<0.002	
8/1/2017	<0.002	
6/20/2018	<0.002	
1/18/2019		<0.002
6/25/2019		0.004
9/11/2019		0.0015 (J)
3/10/2020		0.0025
9/9/2020		0.0029
3/15/2021		0.0031

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
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
3/18/2021		<0.002

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.0025	
7/31/2015	0.0028 (J)	
1/20/2016	0.0012 (J)	
2/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	0.0034 (J)	
7/8/2014	0.0017 (J)	
1/21/2015	<0.0025	
7/30/2015	0.0028 (J)	
1/21/2016	0.0029 (J)	
1/24/2017	<0.0025	
8/3/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019		0.003
6/25/2019		0.0029
9/11/2019		0.0072
1/14/2020		0.0025
3/12/2020		0.0022
9/14/2020		0.0034
3/17/2021		0.0018 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	0.0018 (J)	
7/1/2014	0.0048 (J)	
1/21/2015	<0.0025	
1/25/2016	<0.0025	
1/25/2017	<0.0025	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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)	
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
3/31/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
8/1/2017	<0.001	
10/3/2017	<0.001	
6/20/2018	<0.001	
1/18/2019		0.00011 (J)
6/25/2019		<0.001
9/11/2019		0.00017 (J)
3/10/2020		0.002
9/9/2020		0.00014 (J)
3/15/2021		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	0.011 (O)	
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.0013	
10/31/2011	<0.0013	
2/7/2012	<0.0013	
1/23/2013	<0.0013	
1/23/2014	0.0012 (J)	
7/1/2014	<0.0013	
1/21/2015	<0.0013	
1/25/2016	<0.0013	
3/30/2016	<0.0013	
5/25/2016	<0.0013	
7/27/2016	0.00078 (J)	
1/25/2017	0.00042 (J)	
3/23/2017	<0.0013	
5/2/2017	0.00039 (J)	
7/19/2017	0.00051 (J)	
8/4/2017	0.00037 (J)	
1/23/2018	<0.0013	
6/27/2018	<0.0013	
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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 (D)	
1/21/2015	<0.0002	
7/22/2015	<0.0002	
1/19/2016	<0.0002 (D)	
3/22/2016	<0.0002	
5/19/2016	<0.0002	
7/21/2016	<0.0002	
1/17/2017	<0.0002	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0002	
6/25/2014	<0.0002	
7/21/2015	<0.0002	
3/31/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	0.00011 (J)	
8/1/2017	<0.0002	
10/3/2017	<0.0002	
6/20/2018	<0.0002	
1/18/2019		<0.0002
6/25/2019		<0.0002
9/11/2019		<0.0002
3/10/2020		<0.0002
9/9/2020		<0.0002
3/15/2021		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:25 AM View: AI
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	0.0026	
7/22/2015	0.0028	
1/19/2016	0.0021 (JD)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	0.0044	
7/21/2015	0.0056	
8/1/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		0.00087 (J)
6/25/2019		0.0021
9/11/2019		0.0022
3/10/2020		0.0019
9/9/2020		0.0015
3/15/2021		0.0022

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
1/17/2017	0.007	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0017 (J)	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
2/2/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
2/2/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	<0.0025	
6/20/2018	<0.0025	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
1/19/2017	<0.0025	
8/3/2017	<0.0025	
1/22/2018	<0.0025	
6/27/2018	<0.0025	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	0.00094 (J)	
7/1/2014	<0.0025	
1/20/2015	<0.0025	
7/30/2015	<0.0025	
1/25/2016	<0.0025	
1/26/2017	<0.0025	
8/3/2017	0.0018 (J)	
1/23/2018	<0.0025	
6/26/2018	<0.0025	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
1/26/2017	0.0034	
8/7/2017	0.011	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.029 (O)	
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	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	<0.005	
7/22/2015	<0.005	
1/19/2016	<0.005 (D)	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/21/2016	0.00045 (J)	
1/17/2017	<0.005	
4/27/2017	<0.005	
7/18/2017	<0.005	
8/1/2017	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.003	
1/22/2014	0.0011 (J)	
7/8/2014	0.0013 (JD)	
1/21/2015	0.00071 (J)	
7/22/2015	0.00059 (J)	
1/19/2016	0.0011 (JD)	
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)

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.001	
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
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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
1/14/2020		0.00081 (J)
3/17/2020		0.00018 (J)
9/11/2020		<0.001
3/16/2021		0.00024 (J)

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)	
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
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
1/14/2015	0.0002 (J)	
7/22/2015	0.003 (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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
2/8/2012	<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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.0005	
10/29/2011	<0.0005	
12/14/2011	<0.0005	
1/25/2012	<0.0005	
7/17/2012	<0.0005	
1/24/2013	<0.0005	
7/24/2013	<0.0005	
1/23/2014	0.0001 (J)	
7/8/2014	0.0001	
1/22/2016	0.000193 (J)	
3/23/2016	<0.0005	
5/24/2016	<0.0005	
7/26/2016	0.00017 (J)	
9/19/2016	0.00016 (J)	
11/11/2016	<0.0005	
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019		0.0012
6/24/2019		0.0028
9/9/2019		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.0012 (J)	
1/22/2015	0.0013 (J)	
7/22/2015	<0.001	
1/20/2016	<0.001	
1/19/2017	<0.001	
8/2/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	0.0024 (J)	
1/17/2019		0.0016
6/24/2019		0.0018
9/10/2019		0.0011
3/10/2020		<0.001
9/10/2020		<0.001
3/15/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.00072 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/21/2015	<0.001	
1/22/2016	<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		0.0012
6/25/2019		0.0025
9/10/2019		0.0012
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
1/17/2017	<0.001	
8/1/2017	<0.001 (*)	
1/19/2018	<0.001	
6/19/2018	0.0014 (J)	
1/18/2019		0.0015
6/25/2019		0.0023
9/10/2019		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		0.0017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
8/1/2017	<0.001	
6/20/2018	<0.001	
1/18/2019		0.0019
6/25/2019		0.0028
9/11/2019		0.0014
3/10/2020		<0.001
9/9/2020		0.0018
3/15/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.0016 (J)	
6/25/2014	0.00084 (J)	
1/14/2015	0.0014 (J)	
7/21/2015	<0.001	
1/20/2016	<0.001	
1/17/2017	<0.001	
8/2/2017	<0.001	
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		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.001	
2/1/2017	0.0032	
8/8/2017	<0.001	
1/25/2018	0.003	
6/21/2018	0.0018 (J)	
1/31/2019		0.0015
6/26/2019		0.0014
9/17/2019		<0.001
3/17/2020		<0.001
9/10/2020		<0.001
3/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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		0.0013
9/11/2019		0.0011
3/18/2020		<0.001
9/10/2020		<0.001
3/16/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/31/2017	0.0015 (J)	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019		0.0015
6/25/2019		0.0021
9/12/2019		0.0015
3/12/2020		<0.001
9/10/2020		<0.001
3/17/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/1/2017	0.002 (J)	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.0016 (J)	
1/22/2019		<0.001
6/25/2019		0.0014
9/12/2019		0.0012
3/17/2020		<0.001
9/10/2020		<0.001
3/17/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/8/2012	<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	
2/1/2017	0.0016 (J)	
8/4/2017	<0.001	
1/25/2018	0.003	
6/20/2018	<0.001	
1/22/2019		0.0012
6/25/2019		0.0019
9/17/2019		0.0013
3/16/2020		<0.001
9/10/2020		<0.001
3/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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)	
2/1/2017	0.0067	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0025	
10/27/2011	<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	0.0019 (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)	
2/1/2017	0.0044	
8/7/2017	<0.0025	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/8/2012	<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)	
2/1/2017	0.0036	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.0016 (J)	
1/27/2016	<0.001	
2/2/2017	0.0015 (J)	
8/7/2017	0.0016 (J)	
1/25/2018	0.0021 (J)	
6/21/2018	<0.001	
1/28/2019		<0.001
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	0.0035	
10/27/2011	<0.005	
12/4/2011	<0.005	
2/8/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	<0.005	
6/24/2014	0.00089 (J)	
1/13/2015	0.0013 (J)	
7/23/2015	0.0027 (J)	
1/27/2016	0.0012 (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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/2/2017	0.0028	
8/7/2017	0.0014 (J)	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019		<0.001
6/25/2019		0.0021
9/11/2019		<0.001
3/18/2020		<0.001
9/15/2020		<0.001
3/16/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.0011 (J)	
1/21/2016	<0.001	
2/3/2017	0.0016 (J)	
8/8/2017	<0.001	
1/25/2018	0.0014 (J)	
6/20/2018	<0.001	
1/25/2019		0.0012
6/26/2019		0.0019
9/12/2019		0.001
3/18/2020		<0.001
9/10/2020		<0.001
3/18/2021		0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
2/3/2017	0.0015 (J)	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019		0.0015
6/26/2019		0.0014
9/11/2019		<0.001
3/12/2020		<0.001
9/15/2020		<0.001
3/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.0074	
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	0.00082 (J)	
7/8/2014	<0.001	
1/21/2015	0.0013 (J)	
7/30/2015	0.0018 (J)	
1/21/2016	0.0017 (J)	
1/24/2017	0.0077	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		0.0018
6/25/2019		0.0019
9/11/2019		0.0013
3/12/2020		0.0011
9/14/2020		<0.001
3/17/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		0.0013
6/25/2019		0.0024
9/12/2019		0.0014
3/13/2020		<0.001
9/15/2020		<0.001
3/17/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/20/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		<0.001
6/26/2019		0.0011
9/12/2019		<0.001
3/12/2020		<0.001
9/9/2020		<0.001
3/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.001 (J)	
1/24/2017	0.0059	
8/4/2017	0.0018 (J)	
1/24/2018	<0.0025	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.00068 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
1/25/2016	<0.001	
1/25/2017	0.0043	
8/4/2017	<0.001	
1/23/2018	0.0023 (J)	
6/27/2018	<0.001	
1/31/2019		0.0014
6/26/2019		0.0015
9/11/2019		0.0025
3/17/2020		<0.001
9/11/2020		<0.001
3/16/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/26/2017	0.0016 (J)	
8/3/2017	<0.001	
1/23/2018	0.003	
6/26/2018	<0.001	
1/30/2019		0.0012
6/27/2019		0.0021
9/12/2019		0.0012
3/18/2020		<0.001
9/15/2020		<0.001
3/17/2021		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
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	
1/25/2017	0.0052	
8/4/2017	<0.001	
1/23/2018	0.003	
6/26/2018	<0.001	
1/30/2019		0.0014
6/26/2019		0.0017
9/12/2019		0.0014
3/12/2020		<0.001
9/16/2020		<0.001
3/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/25/2017	0.0055	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/20/2018	<0.001	
1/28/2019		<0.001
6/26/2019		0.002
9/11/2019		<0.001
3/11/2020		<0.001
9/11/2020		<0.001
3/16/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	
1/26/2017	0.0026	
8/3/2017	<0.001	
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		<0.001
3/11/2020		<0.001
9/11/2020		<0.001
3/16/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)	
1/26/2017	0.0064	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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	0.002 (J)	
6/25/2014	<0.001	
1/20/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
1/26/2017	0.0064	
8/3/2017	<0.001	
1/23/2018	0.0038	
6/25/2018	<0.001	
1/30/2019		0.0015
6/26/2019		0.0016
9/12/2019		<0.001
3/16/2020		<0.001
9/11/2020		<0.001
3/17/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All

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)	
1/26/2017	0.0057	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	0.0014 (J)	
1/20/2015	0.0013 (J)	
7/27/2015	<0.001	
1/26/2016	<0.001	
1/26/2017	0.0038	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	0.0015 (J)	
1/22/2019		0.0015
6/25/2019		0.0026
9/10/2019		0.0014
3/12/2020		<0.001
9/14/2020		<0.001
3/16/2021		0.0014

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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 (D)	
1/21/2015	0.037	
7/22/2015	0.031	
1/19/2016	0.035 (D)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.0037	
6/25/2014	0.015	
7/21/2015	0.042	
8/1/2017	<0.02	
6/20/2018	<0.02	
1/18/2019		0.0088
6/25/2019		0.014
9/11/2019		0.02
3/10/2020		0.015
9/9/2020		0.013
3/15/2021		0.015

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0027	
2/1/2017	<0.02	
8/8/2017	<0.02	
1/25/2018	<0.02	
6/21/2018	<0.02	
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
12/2/2020		0.011
3/18/2021		0.004 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:25 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	<0.02	
7/11/2012	<0.02	
1/8/2013	<0.02	
7/16/2013	<0.02	
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	<0.02	
2/2/2017	<0.02	
8/7/2017	<0.02	
1/25/2018	<0.02	
6/21/2018	<0.02	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
2/2/2017	<0.02	
8/7/2017	<0.02	
1/26/2018	<0.02	
6/20/2018	<0.02	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	<0.005	
6/25/2014	0.00094 (J)	
1/14/2015	0.00073 (J)	
7/23/2015	<0.005	
1/26/2016	<0.005	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
1/24/2017	0.0085 (J)	
8/3/2017	<0.02	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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)	
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
3/16/2020		0.0032 (J)
9/11/2020		0.0071
3/17/2021		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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)	
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
9/14/2020		0.0041 (J)
3/16/2021		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
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	
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
9/14/2020		0.0079
3/16/2021		0.0045 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:26 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.016 (O)	
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	
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)

FIGURE E.

Appendix I - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.	NB	Mean	Std. Dev.	%NDs	ND Adj.	TransformAlpha	Method
Barium (mg/L)	GWC-14	0.18	n/a	3/17/2021	0.26	Yes	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479 NP Inter (normality) 1 of 3

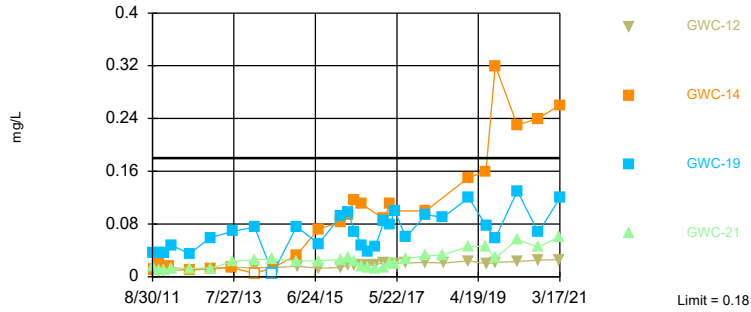
Appendix I - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:59 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-12	0.18	n/a	3/16/2021	0.026	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-14	0.18	n/a	3/17/2021	0.26	Yes	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-19	0.18	n/a	3/17/2021	0.12	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-21	0.18	n/a	3/16/2021	0.061	No	158	n/a	n/a	n/a	11.39	n/a	n/a	0.000001479	NP Inter (normality) 1 of 3
Chromium (mg/L)	GWC-12	0.021	n/a	3/16/2021	0.0022	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Chromium (mg/L)	GWC-8	0.021	n/a	3/16/2021	0.0027	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Chromium (mg/L)	GWC-9	0.021	n/a	3/16/2021	0.0073	No	156	n/a	n/a	n/a	82.05	n/a	n/a	0.000001547	NP Inter (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.078	n/a	3/17/2021	0.014	No	121	n/a	n/a	n/a	22.31	n/a	n/a	0.000003239	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.078	n/a	3/18/2021	0.078	No	121	n/a	n/a	n/a	22.31	n/a	n/a	0.000003239	NP Inter (normality) 1 of 3

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-14

Prediction Limit
 Interwell Non-parametric

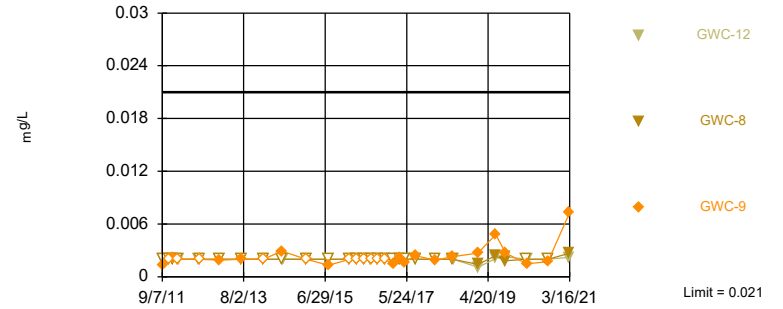


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 158 background values. 11.39% NDs. Annual per-constituent alpha = 0.00008575. Individual comparison alpha = 0.00001479 (1 of 3). Comparing 4 points to limit. Assumes 25 future values.

Constituent: Barium Analysis Run 4/27/2021 10:58 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Interwell Non-parametric

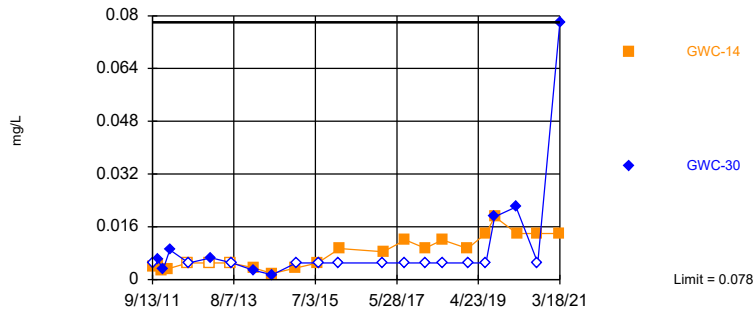


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 156 background values. 82.05% NDs. Annual per-constituent alpha = 0.00008972. Individual comparison alpha = 0.000001547 (1 of 3). Comparing 3 points to limit. Assumes 26 future values.

Constituent: Chromium Analysis Run 4/27/2021 10:58 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . 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 121 background values. 22.31% NDs. Annual per-constituent alpha = 0.0001878. Individual comparison alpha = 0.000003239 (1 of 3). Comparing 2 points to limit. Assumes 27 future values.

Constituent: Zinc Analysis Run 4/27/2021 10:58 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE F.

Appendix I Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-4 (bg)	0.006406	169	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-12	0.001748	336	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02452	232	111	Yes	25	4	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.007431	186	139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003516	230	139	Yes	29	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00006075	-170	-139	Yes	29	62.07	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-103	-92	Yes	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001377	-107	-92	Yes	22	50	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.0002541	-132	-92	Yes	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001313	146	92	Yes	22	13.64	n/a	n/a	0.01	NP

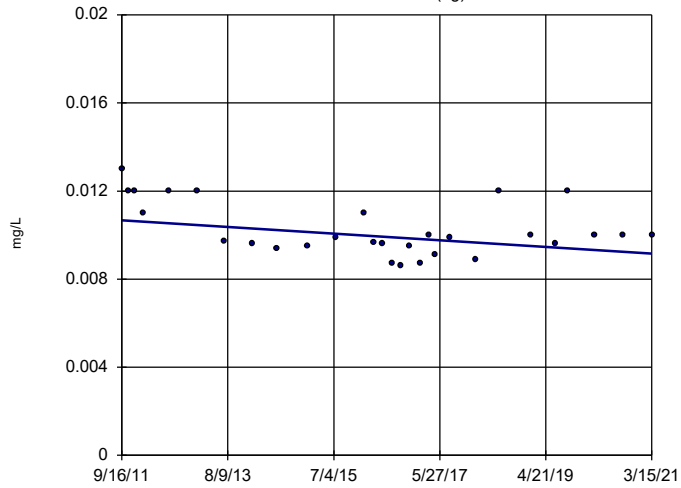
Appendix I Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 10:56 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWA-1 (bg)	-0.0001586	-70	-139	No	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	-0.0002084	-41	-139	No	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-28 (bg)	0	38	139	No	29	41.38	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0	12	124	No	27	22.22	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.006887	36	53	No	15	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	0.006406	169	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-12	0.001748	336	139	Yes	29	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02452	232	111	Yes	25	4	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.007431	186	139	Yes	29	3.448	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003516	230	139	Yes	29	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-1 (bg)	0	8	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	0	-39	-139	No	29	82.76	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-28 (bg)	0	11	131	No	28	78.57	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-29 (bg)	0	27	118	No	26	76.92	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-3 (bg)	0	1	53	No	15	80	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-4 (bg)	0	45	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-12	0	50	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-8	0	8	139	No	29	86.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-9	0	32	139	No	29	37.93	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-1 (bg)	0	-126	-139	No	29	75.86	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00006075	-170	-139	Yes	29	62.07	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-28 (bg)	0	0	139	No	29	100	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-29 (bg)	0	-39	-124	No	27	92.59	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-3 (bg)	-0.00006541	-28	-53	No	15	40	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-4 (bg)	0.0002814	117	139	No	29	6.897	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-14	-0.003097	-1	-25	No	9	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-103	-92	Yes	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001377	-107	-92	Yes	22	50	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-28 (bg)	0	-74	-92	No	22	72.73	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.0002541	-132	-92	Yes	22	13.64	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	-0.0002444	-27	-34	No	11	27.27	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-4 (bg)	-0.00001208	-68	-87	No	21	57.14	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0.0009932	11	25	No	9	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	0.0000254	7	92	No	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	-0.000074	-59	-92	No	22	31.82	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0008	90	92	No	22	18.18	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.0005448	-21	-92	No	22	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0	-3	-34	No	11	18.18	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	54	92	No	22	50	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001313	146	92	Yes	22	13.64	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-30	0	43	92	No	22	59.09	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-1 (bg)

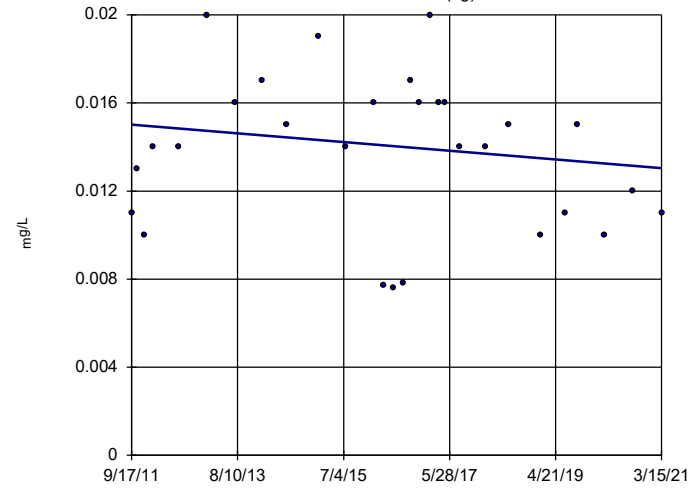


n = 29
 Slope = -0.0001586
 units per year.
 Mann-Kendall
 statistic = -70
 critical = -139
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWA-2 (bg)

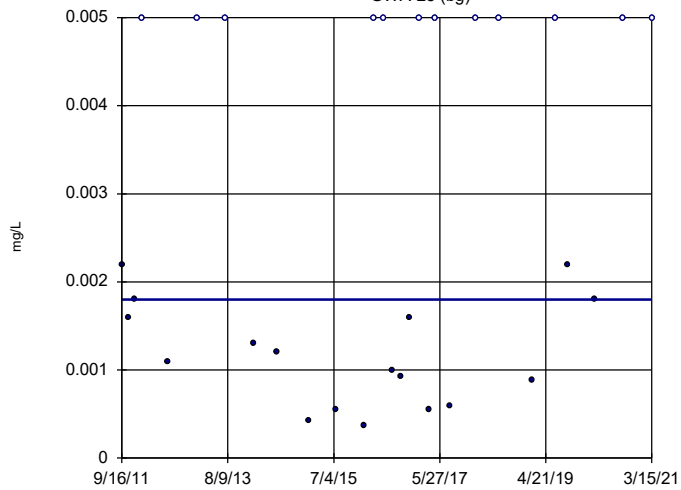


n = 29
 Slope = -0.0002084
 units per year.
 Mann-Kendall
 statistic = -41
 critical = -139
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWA-28 (bg)

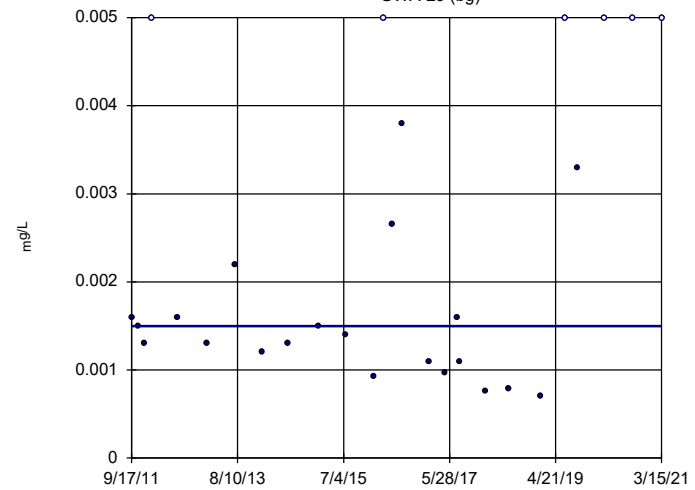


n = 29
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 38
 critical = 139
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

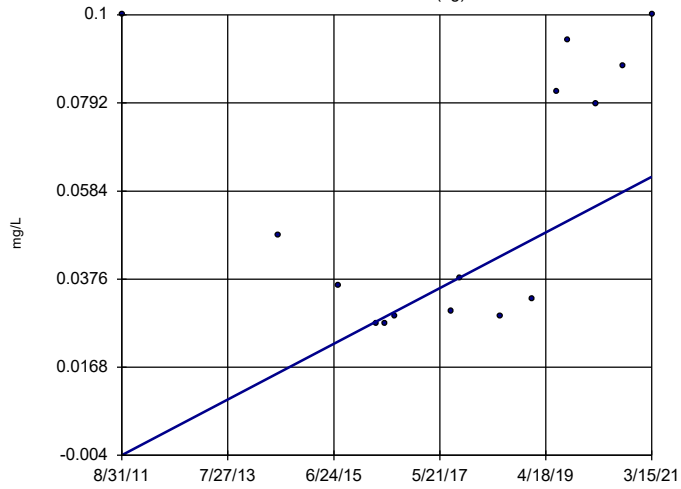
GWA-29 (bg)



n = 27
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 12
 critical = 124
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

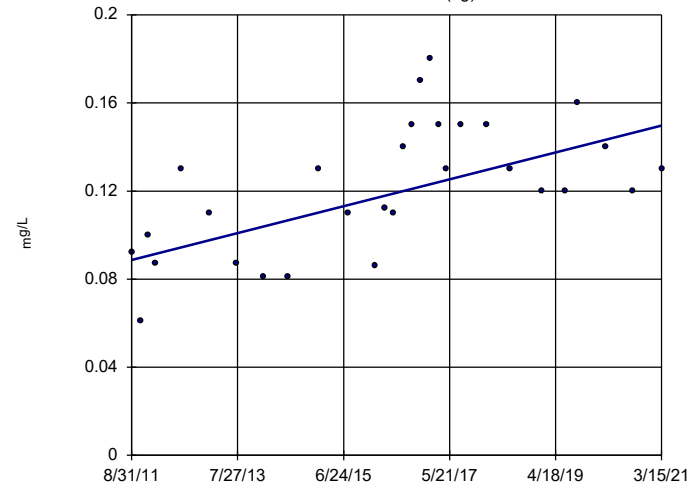
Sen's Slope Estimator GWA-3 (bg)



n = 15
 Slope = 0.006887
 units per year.
 Mann-Kendall
 statistic = 36
 critical = 53
 Trend not sig-
 nificant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

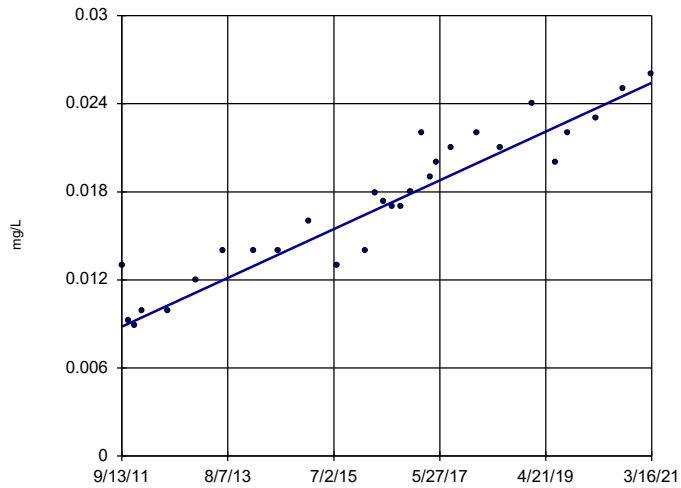
Sen's Slope Estimator GWA-4 (bg)



n = 29
 Slope = 0.006406
 units per year.
 Mann-Kendall
 statistic = 169
 critical = 139
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

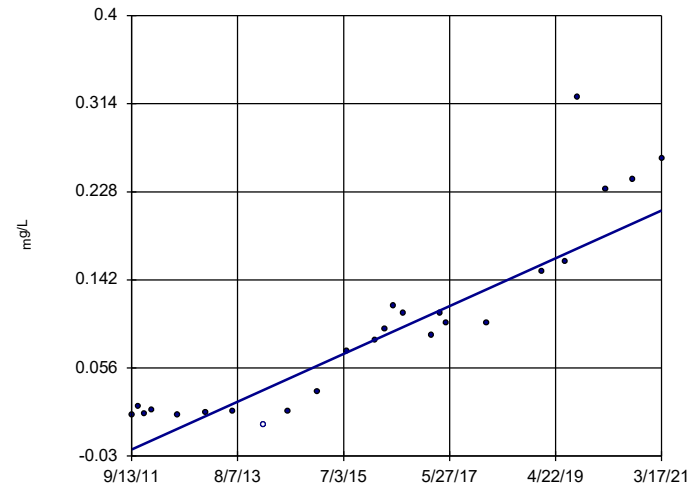
Sen's Slope Estimator GWC-12



n = 29
 Slope = 0.001748
 units per year.
 Mann-Kendall
 statistic = 336
 critical = 139
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

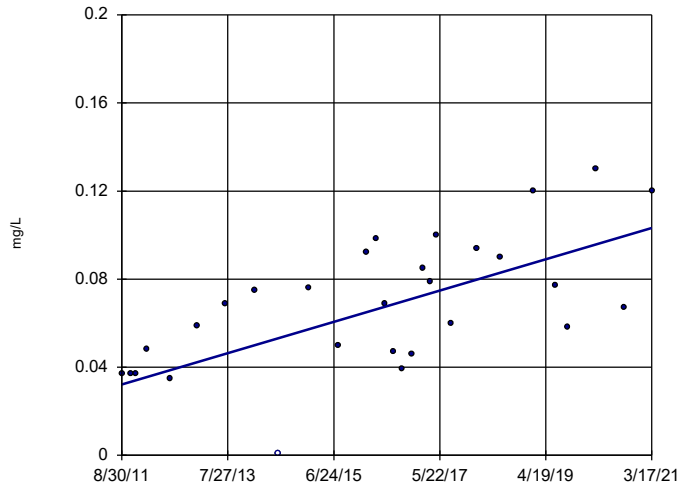
Sen's Slope Estimator GWC-14



n = 25
 Slope = 0.02452
 units per year.
 Mann-Kendall
 statistic = 232
 critical = 111
 Increasing trend
 significant at 99%
 confidence level
 (α = 0.005 per
 tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

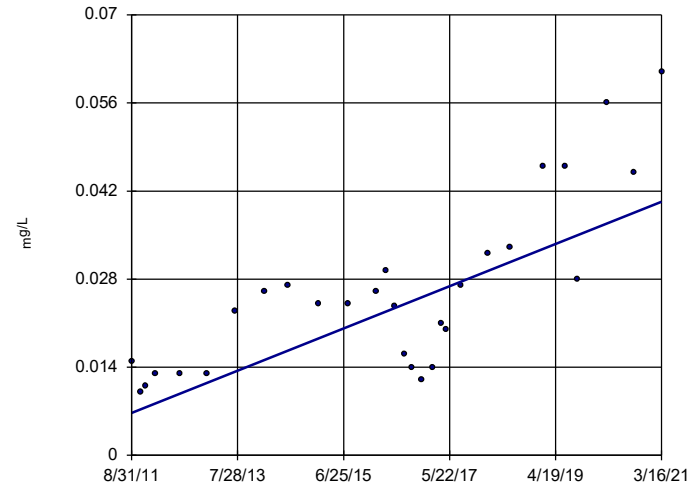
Sen's Slope Estimator GWC-19



n = 29
Slope = 0.007431
units per year.
Mann-Kendall
statistic = 186
critical = 139
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

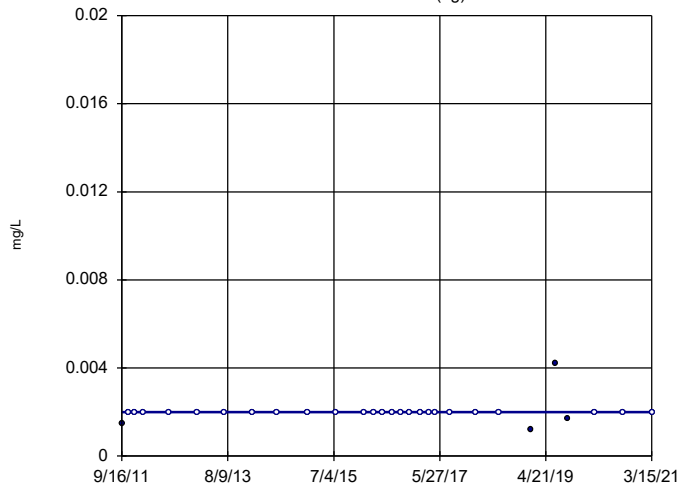
Sen's Slope Estimator GWC-21



n = 29
Slope = 0.003516
units per year.
Mann-Kendall
statistic = 230
critical = 139
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

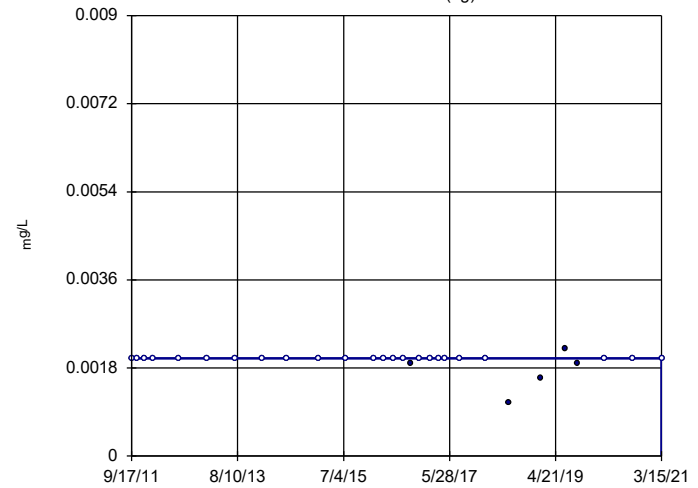
Sen's Slope Estimator GWA-1 (bg)



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = 8
critical = 139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

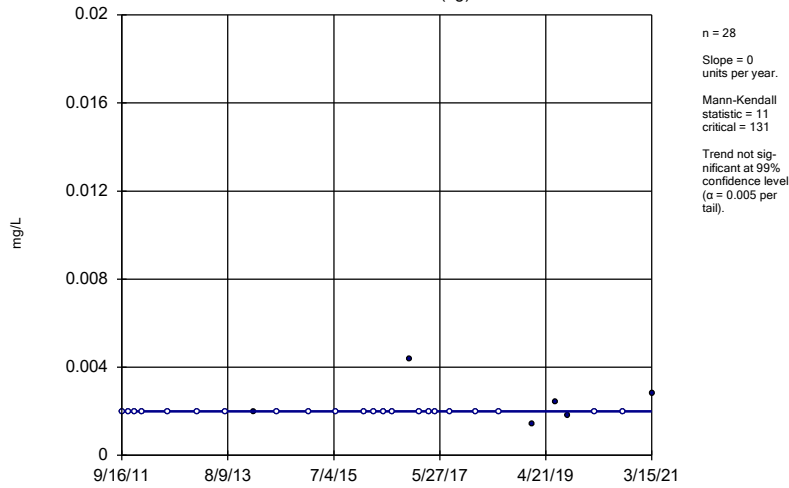
Sen's Slope Estimator GWA-2 (bg)



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = -39
critical = -139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

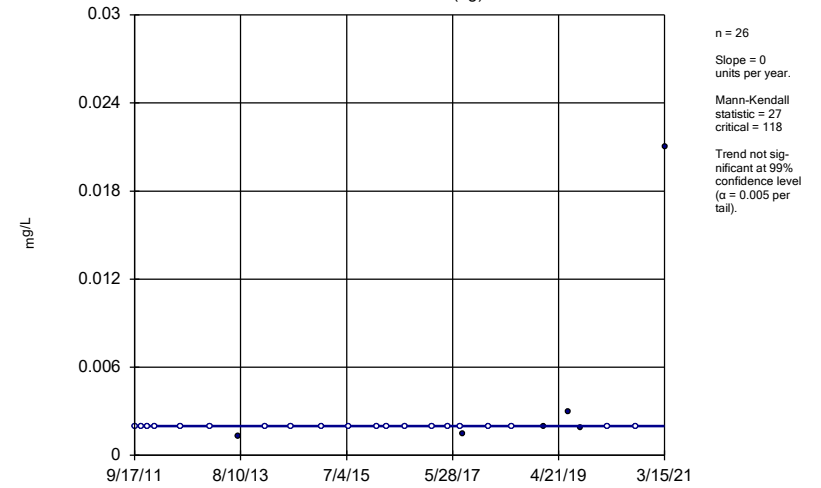
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-28 (bg)



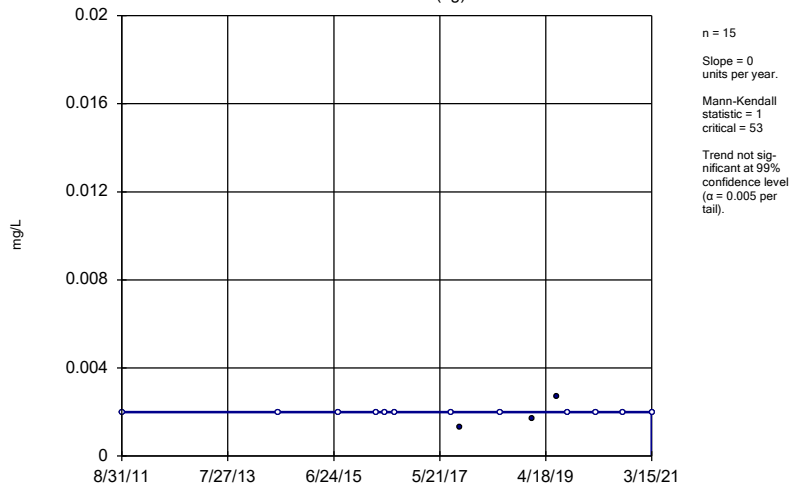
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



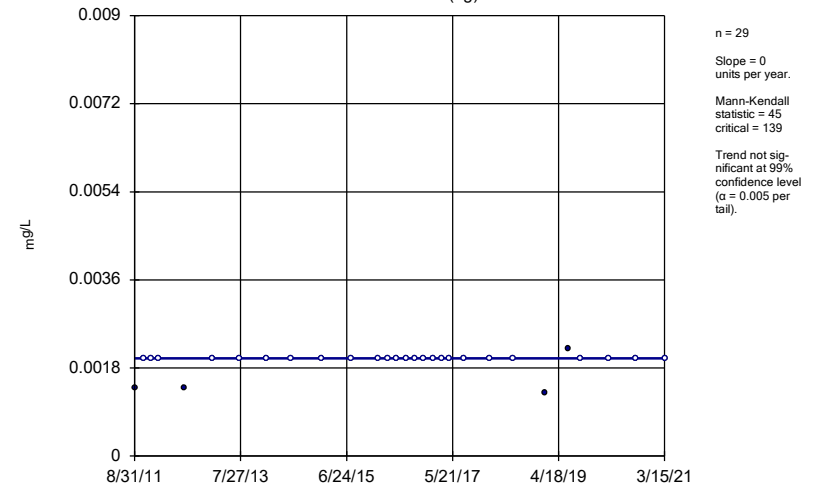
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



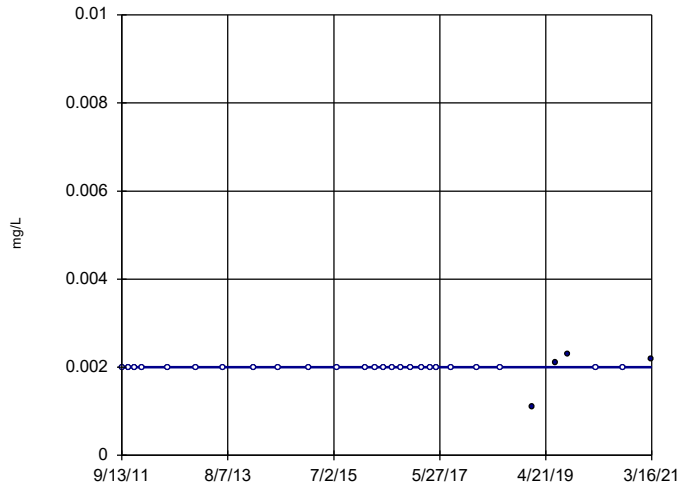
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

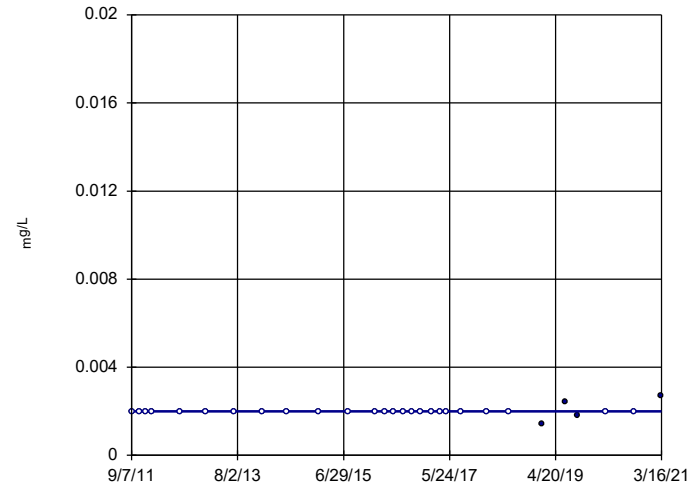
Sen's Slope Estimator GWC-12



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = 50
critical = 139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

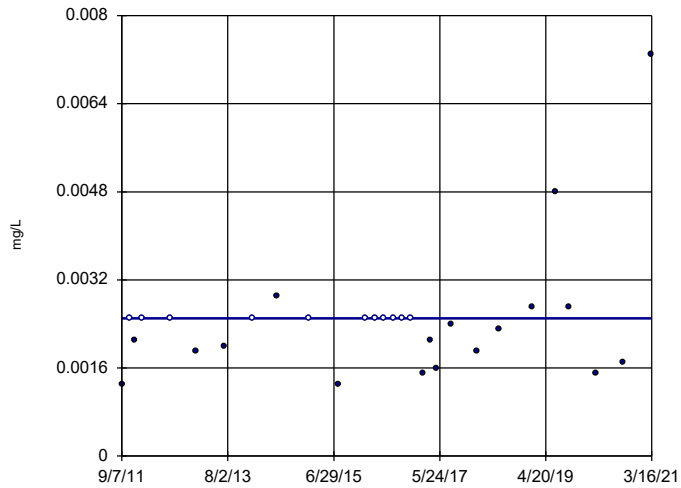
Sen's Slope Estimator GWC-8



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = 8
critical = 139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

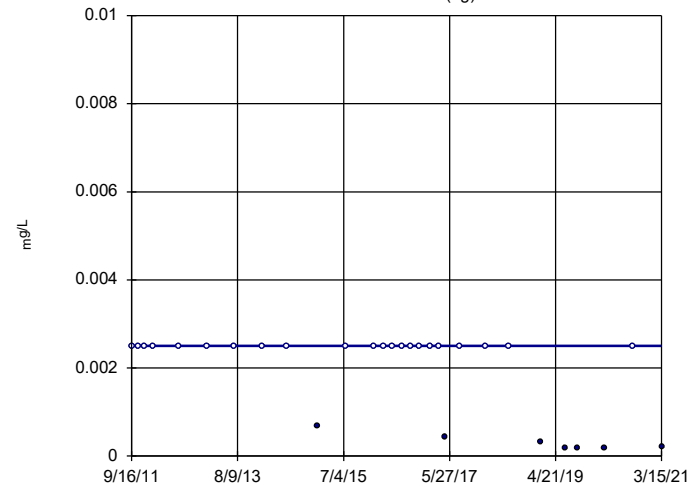
Sen's Slope Estimator GWC-9



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = 32
critical = 139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

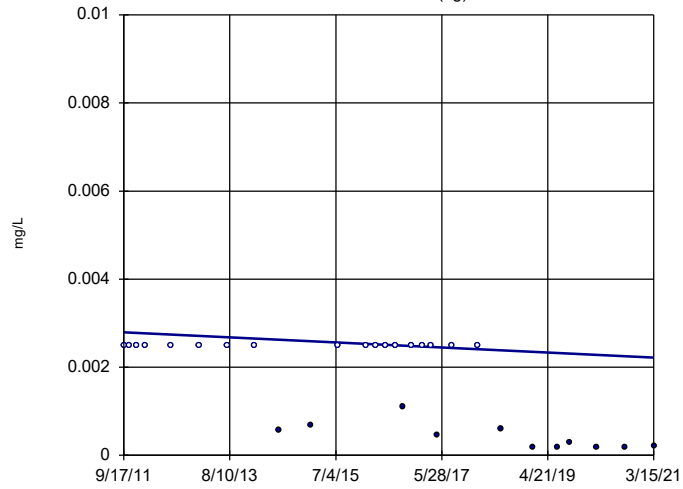
Sen's Slope Estimator GWA-1 (bg)



n = 29
Slope = 0
units per year.
Mann-Kendall
statistic = -126
critical = -139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

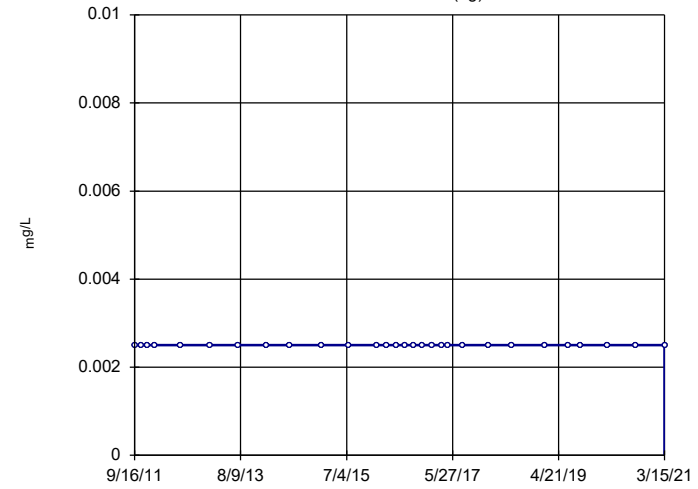
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-2 (bg)



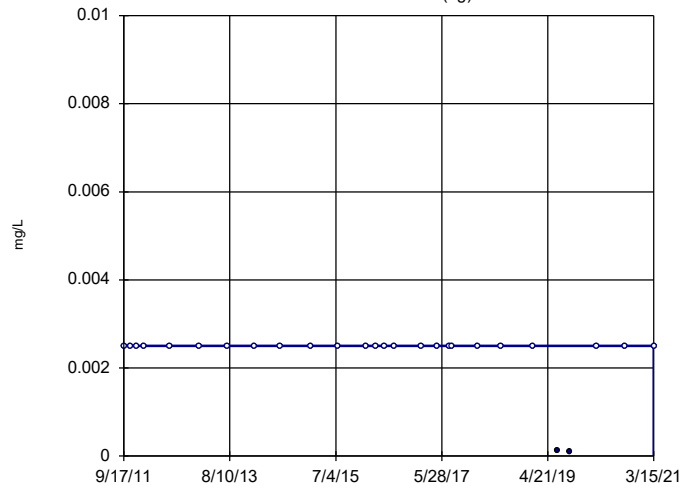
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-28 (bg)



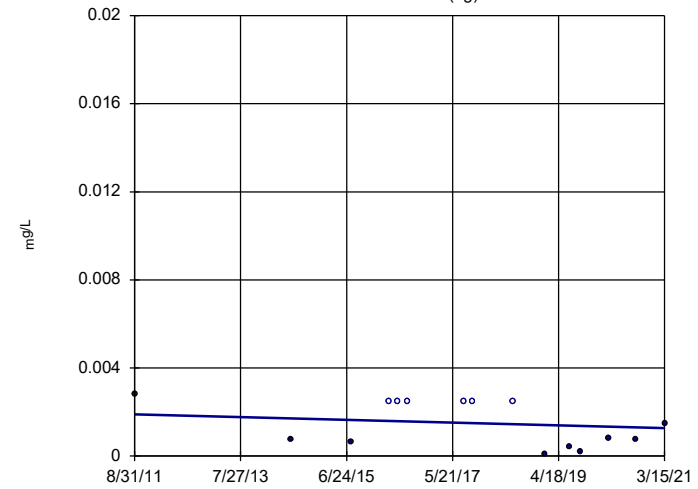
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



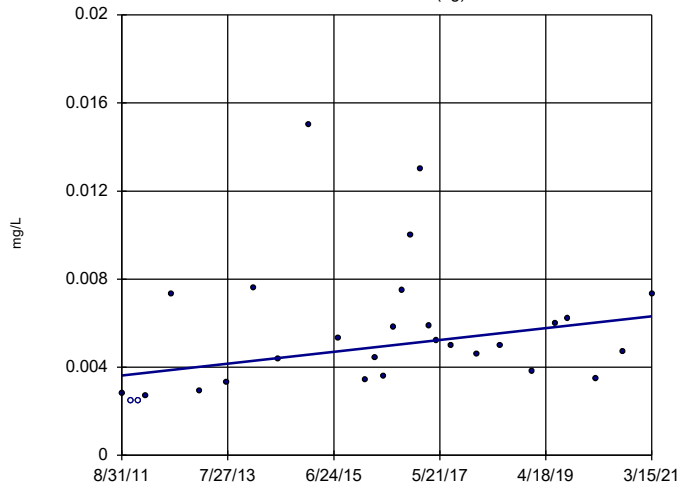
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

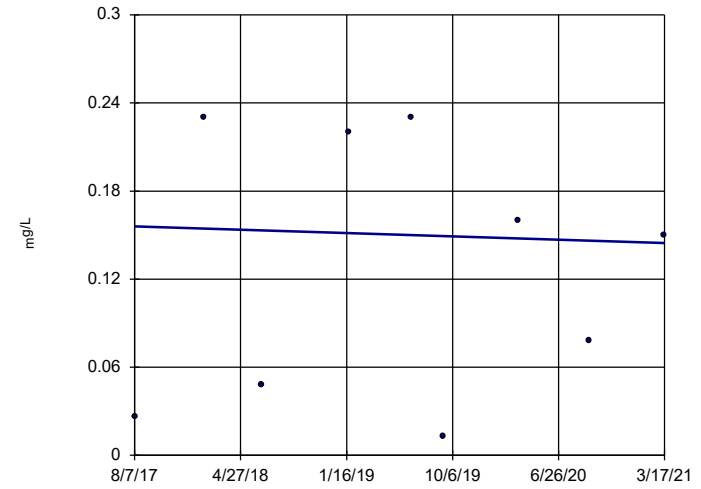
Sen's Slope Estimator GWA-4 (bg)



n = 29
Slope = 0.0002814
units per year.
Mann-Kendall
statistic = 117
critical = 139
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

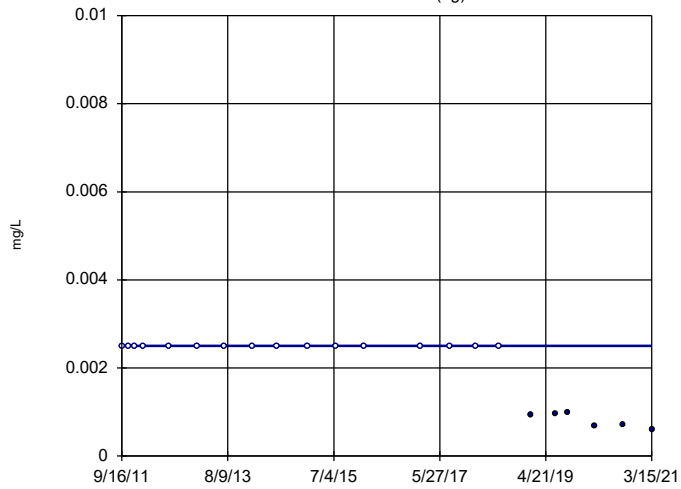
Sen's Slope Estimator GWC-14



n = 9
Slope = -0.003097
units per year.
Mann-Kendall
statistic = -1
critical = -25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

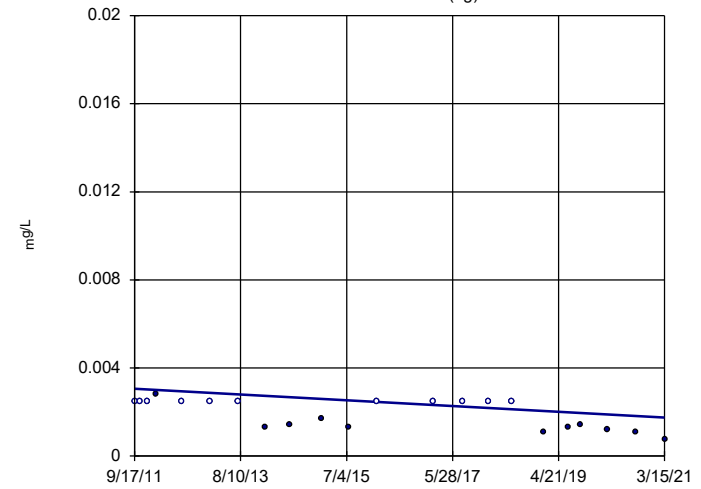
Sen's Slope Estimator GWA-1 (bg)



n = 22
Slope = 0
units per year.
Mann-Kendall
statistic = -103
critical = -92
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

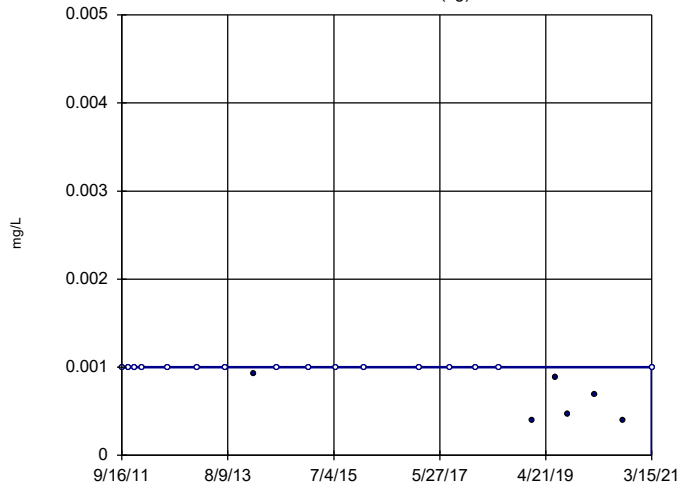
Sen's Slope Estimator GWA-2 (bg)



n = 22
Slope = -0.0001377
units per year.
Mann-Kendall
statistic = -107
critical = -92
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

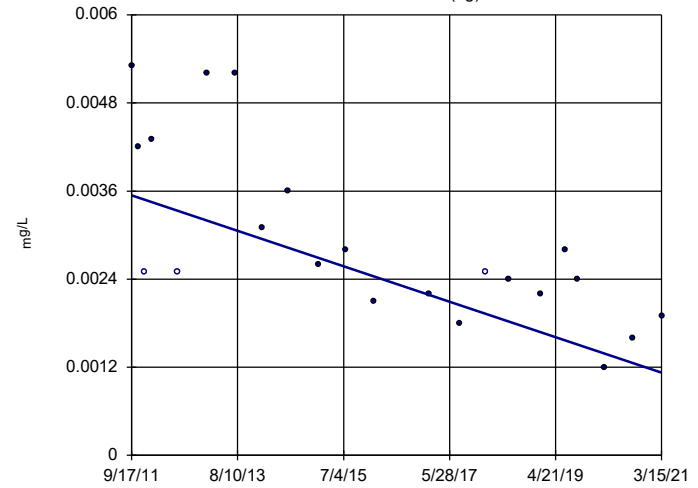
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-28 (bg)



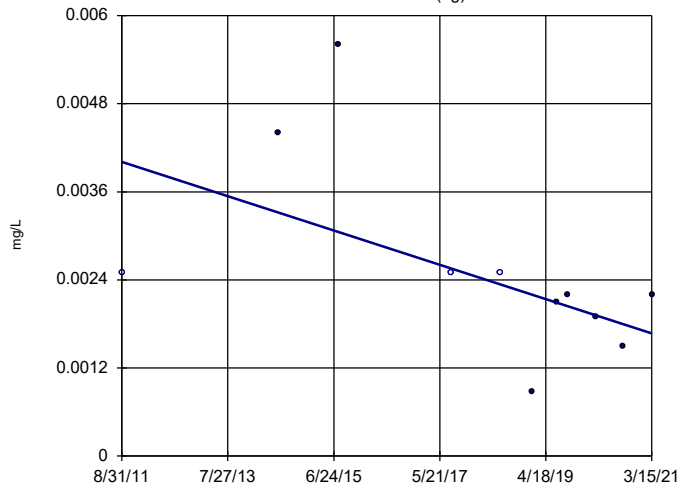
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



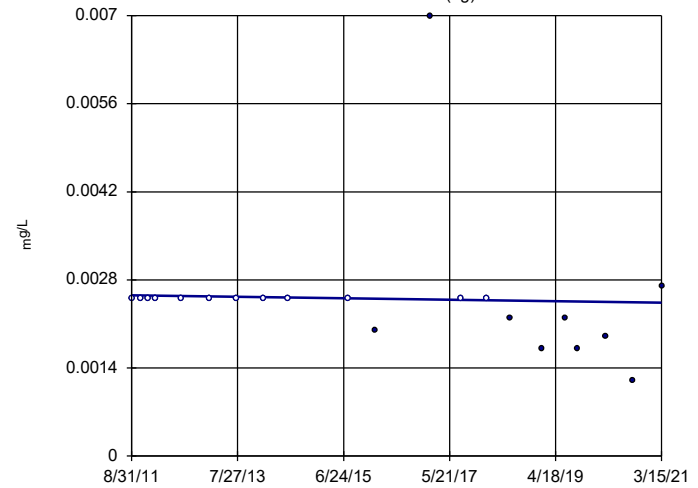
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



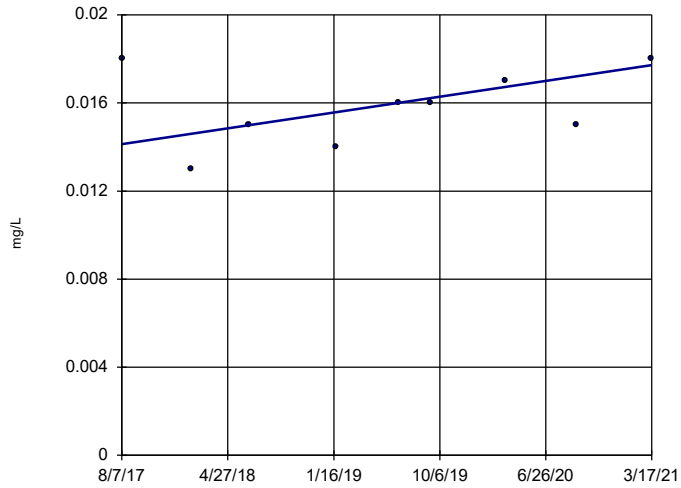
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



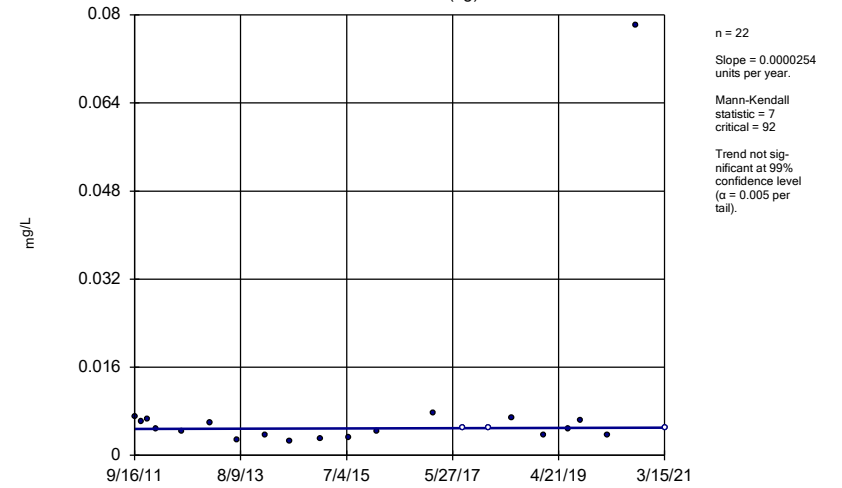
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-14



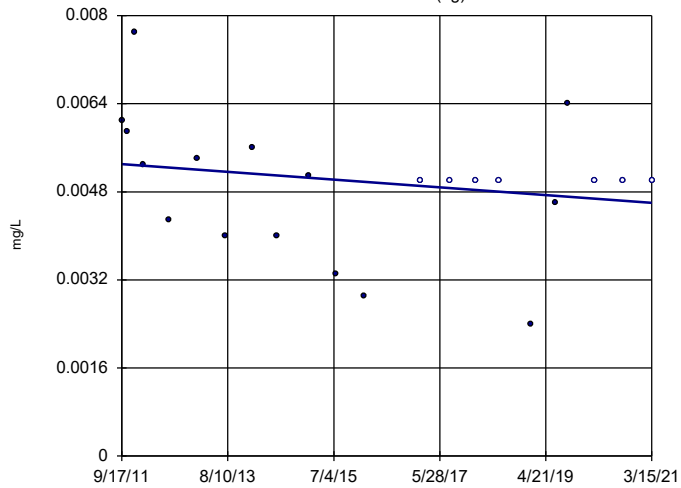
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-1 (bg)



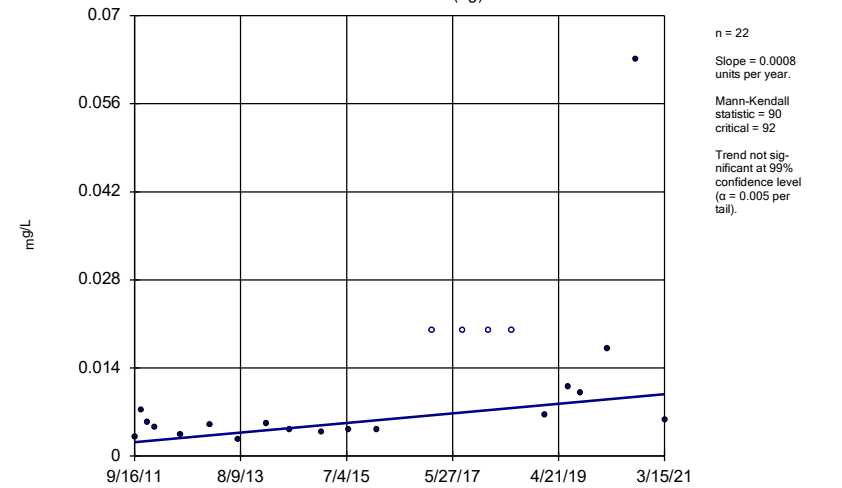
Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-2 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

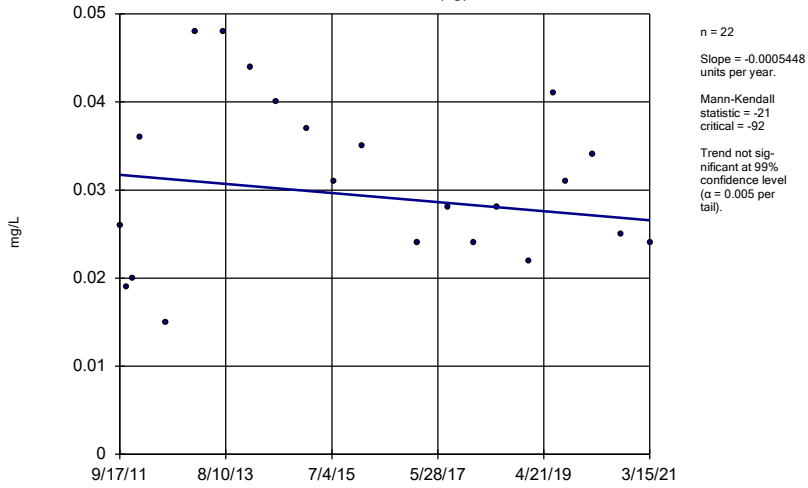
Sen's Slope Estimator GWA-28 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

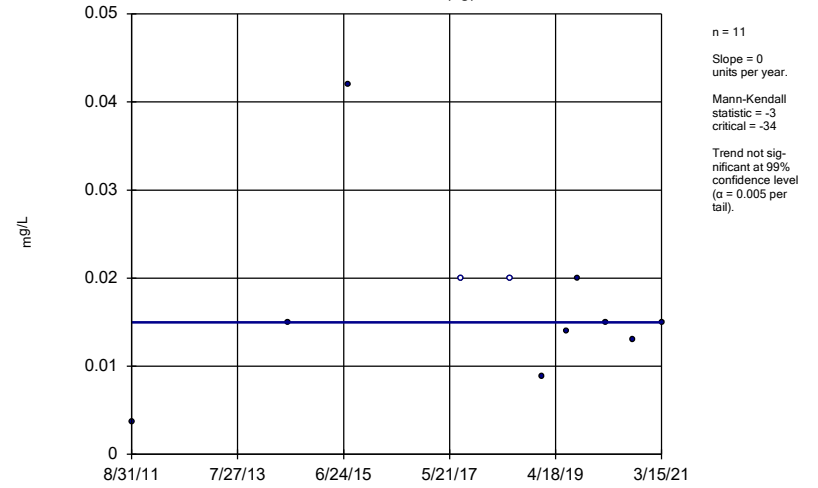
GWA-29 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

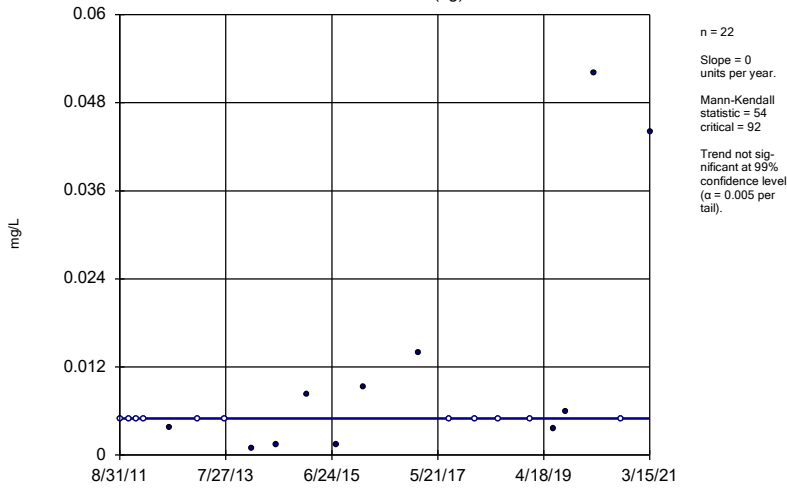
GWA-3 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

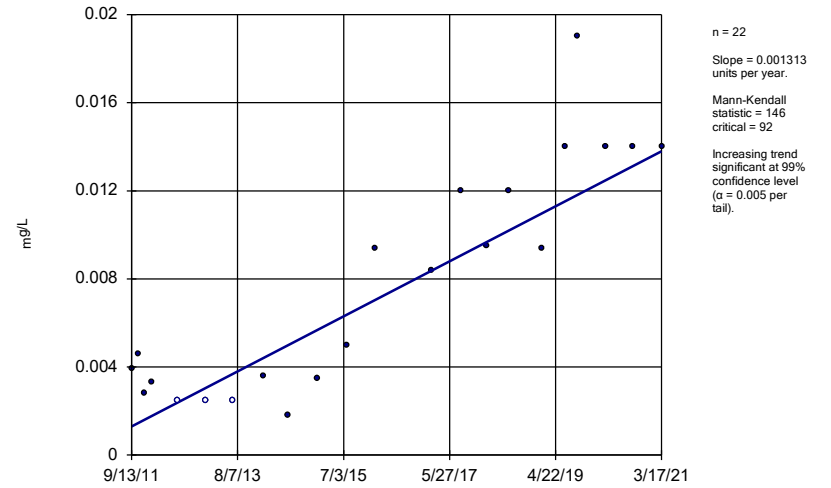
GWA-4 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

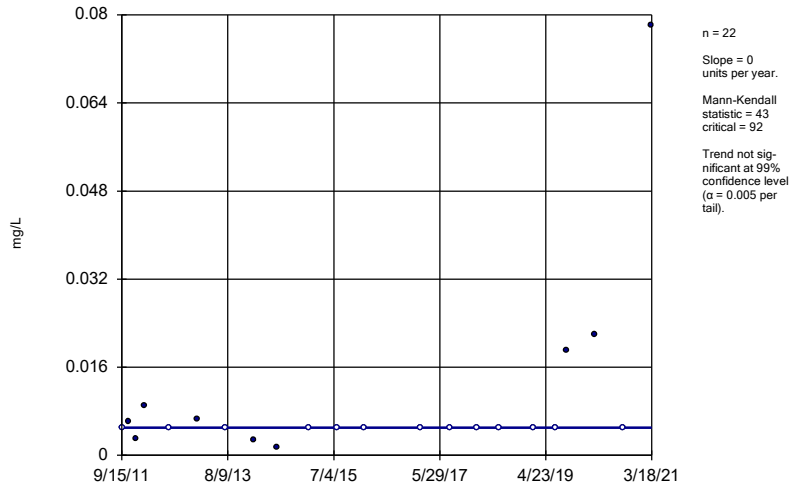
Sen's Slope Estimator

GWC-14



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-30



Constituent: Zinc Analysis Run 4/27/2021 10:55 AM View: All Exceedances
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 4/27/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWA-29	6.445	5.77	3/15/2021	5.51	Yes	14	n/a	n/a	n/a	0	n/a	n/a	0.01722	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-30	6.78	5.9	3/18/2021	5.77	Yes	16	n/a	n/a	n/a	0	n/a	n/a	0.01291	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-12	28.54	n/a	3/16/2021	29	Yes	15	22.2	2.238	0	None	No	0.0002595	Param Intra 1 of 2	

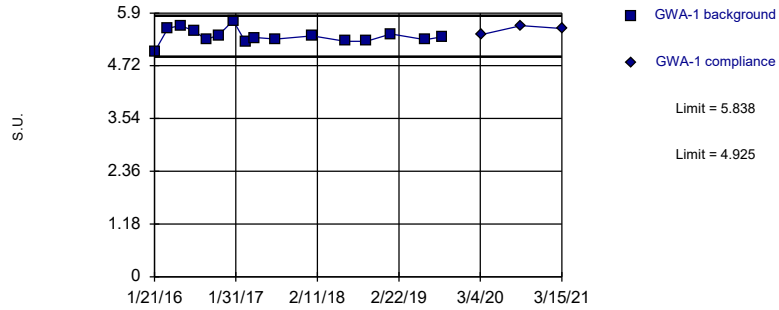
Appendix III - Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-8	39.53	n/a	3/16/2021	17	No	14	18.2	7.338	0	None	No	0.0002595	Param Intra	1 of 2
Sulfate as SO4 (mg/L)	GWC-9	44.53	n/a	3/16/2021	9.2	No	15	4.276	0.8455	0	None	sqrt(x)	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-1	37.94	n/a	3/15/2021	5ND	No	15	11.75	9.238	33.33	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-2	92.29	n/a	3/15/2021	39	No	15	32.6	21.06	20	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-28	120.8	n/a	3/15/2021	54	No	15	64.33	19.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-29	160.7	n/a	3/15/2021	77	No	14	77.64	28.56	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-3	678.9	n/a	3/15/2021	170	No	8	230.1	117.4	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-4	213	n/a	3/15/2021	120	No	15	158.3	19.31	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-10	333.5	n/a	3/18/2021	130	No	15	162.4	60.37	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-11	327.2	n/a	3/17/2021	170	No	15	156.1	60.36	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-12	268	n/a	3/16/2021	250	No	15	179.7	31.13	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-13	99.82	n/a	3/17/2021	42	No	15	50.4	17.43	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-14	616.8	n/a	3/17/2021	430	No	15	286.5	116.5	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-15	123.5	n/a	3/18/2021	86	No	15	78.47	15.87	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-16	151.5	n/a	3/17/2021	91	No	15	72.07	28.01	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-17	156.3	n/a	3/16/2021	99	No	15	90.53	23.22	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-18	113.6	n/a	3/16/2021	93	No	15	71.33	14.9	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-19	128.1	n/a	3/17/2021	67	No	15	61.67	23.44	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-20	129.9	n/a	3/16/2021	100	No	15	89.6	14.21	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-21	85.2	n/a	3/16/2021	65	No	15	44.2	14.46	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-22	128.7	n/a	3/15/2021	89	No	15	1016498	393346	6.667	None	x^3	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-23	161.4	n/a	3/18/2021	29	No	15	6.093	2.333	6.667	None	sqrt(x)	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-24	50.35	n/a	3/18/2021	20	No	15	22.87	9.694	13.33	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-25	137	n/a	3/17/2021	56	No	15	81.07	19.73	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-26	103.8	n/a	3/17/2021	35	No	15	37.23	23.48	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-27	85.23	n/a	3/18/2021	34	No	15	33.22	18.35	20	Kaplan-Meier	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-30	89.5	n/a	3/18/2021	49	No	15	41.2	17.04	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-31	193.9	n/a	3/16/2021	96	No	10	110.4	25.14	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-32	146.6	n/a	3/17/2021	79	No	15	87.33	20.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-33	174.3	n/a	3/18/2021	93	No	15	104.5	24.61	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-34	119.4	n/a	3/16/2021	46	No	15	42.87	27.01	13.33	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-35	78.7	n/a	3/16/2021	42	No	15	33.57	15.92	6.667	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-5	287.7	n/a	3/17/2021	180	No	15	176.1	39.38	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-6	198.6	n/a	3/17/2021	110	No	15	110.9	30.91	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-7	569.1	n/a	3/16/2021	390	No	15	433.4	47.88	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-8	304.7	n/a	3/16/2021	170	No	15	177.2	44.99	0	None	No	0.0002595	Param Intra	1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-9	370	n/a	3/16/2021	100	No	15	177.5	67.9	0	None	No	0.0002595	Param Intra	1 of 2

Within Limits

Prediction Limit Intrawell Parametric

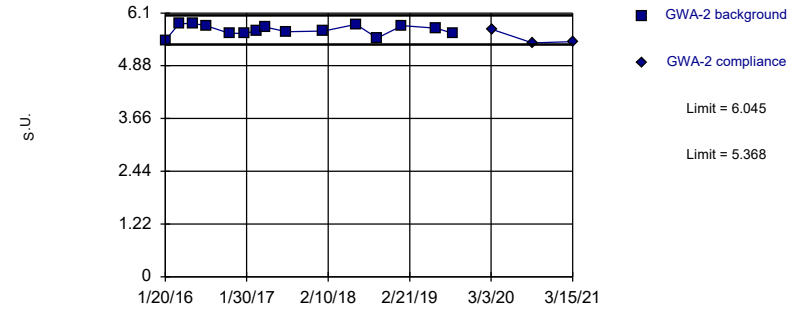


Background Data Summary: Mean=5.381, Std. Dev.=0.1652, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

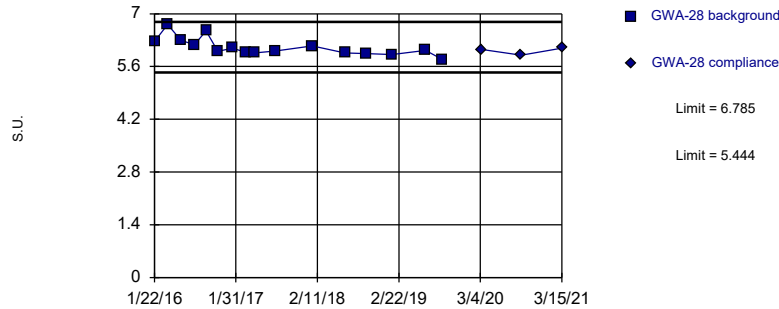


Background Data Summary: Mean=5.707, Std. Dev.=0.1195, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9336, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

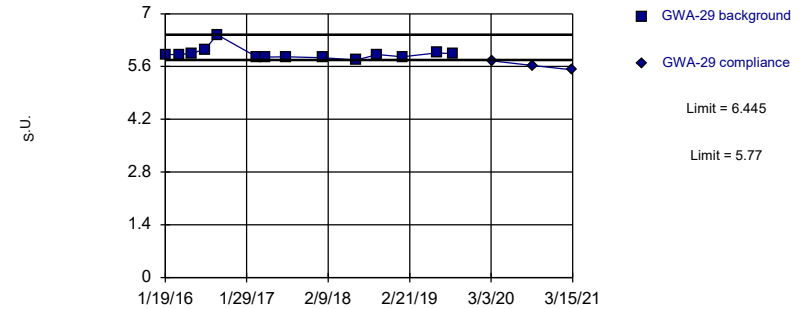


Background Data Summary: Mean=6.115, Std. Dev.=0.2427, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limits

Prediction Limit Intrawell Non-parametric

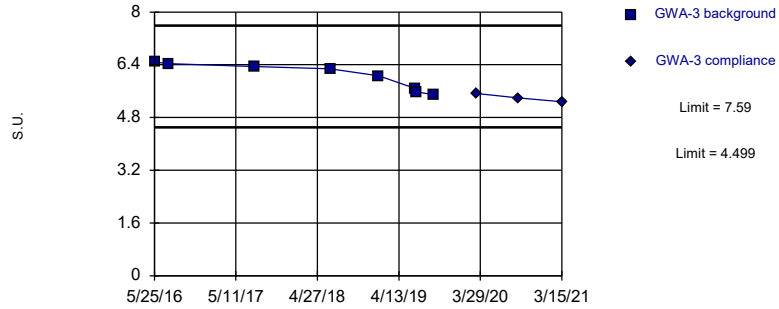


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

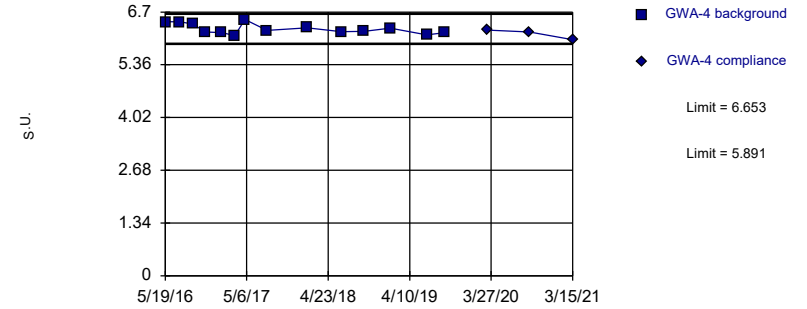


Background Data Summary: Mean=6.044, Std. Dev.=0.4045, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8696, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

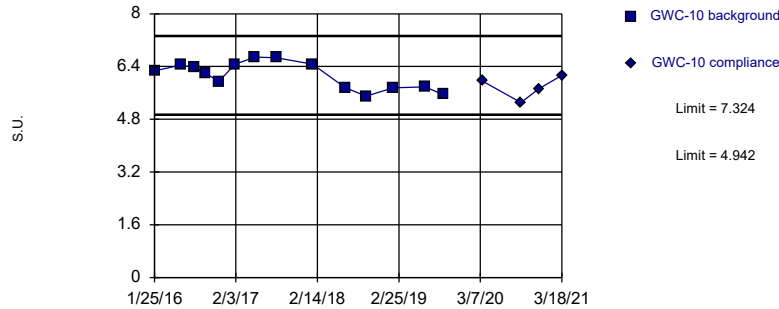


Background Data Summary: Mean=6.272, Std. Dev.=0.1312, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

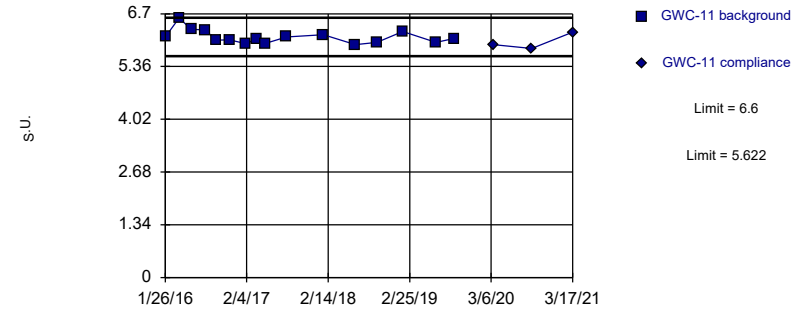


Background Data Summary: Mean=6.133, Std. Dev.=0.4097, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9179, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

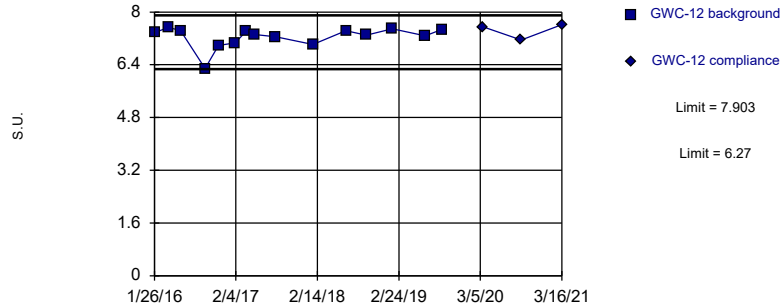


Background Data Summary: Mean=6.111, Std. Dev.=0.1772, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8741, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

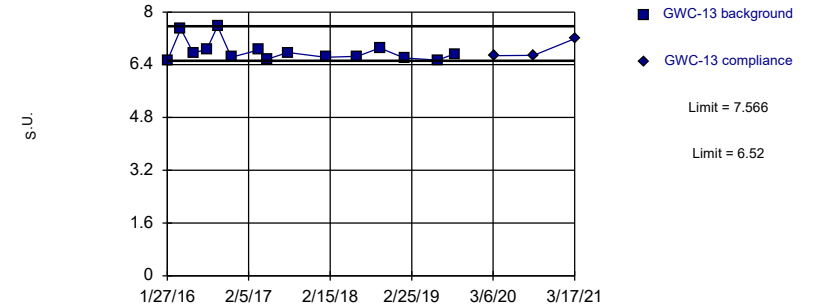


Background Data Summary (based on x^5 transformation): Mean=20261, Std. Dev.=3730, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8398, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

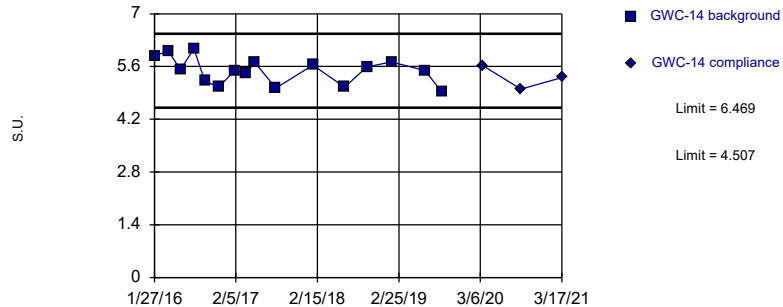


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:01 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

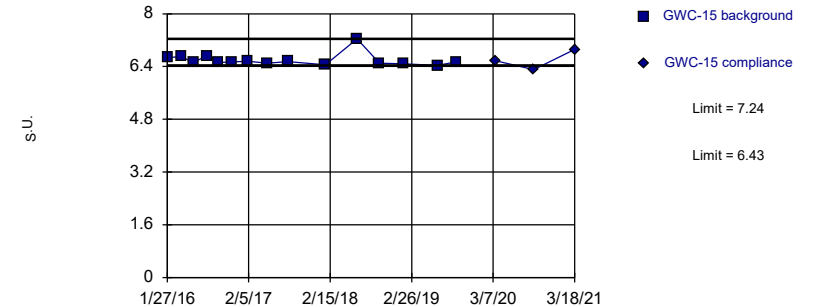


Background Data Summary: Mean=5.488, Std. Dev.=0.3552, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

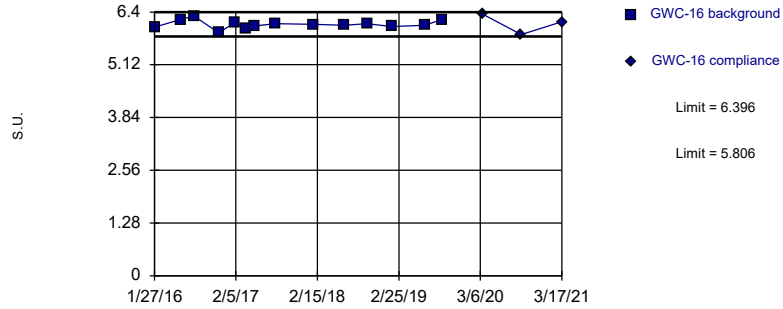


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

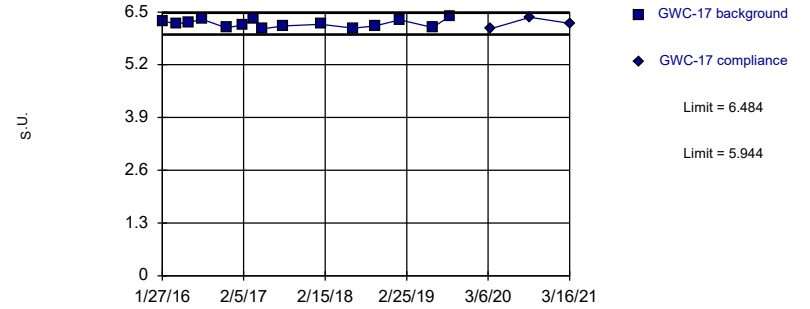


Background Data Summary: Mean=6.101, Std. Dev.=0.1015, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

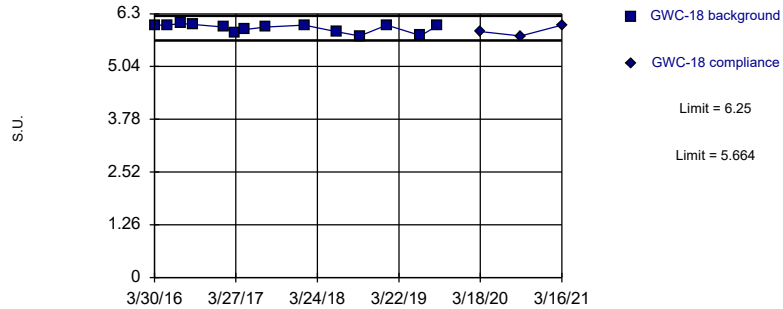


Background Data Summary: Mean=6.214, Std. Dev.=0.09511, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

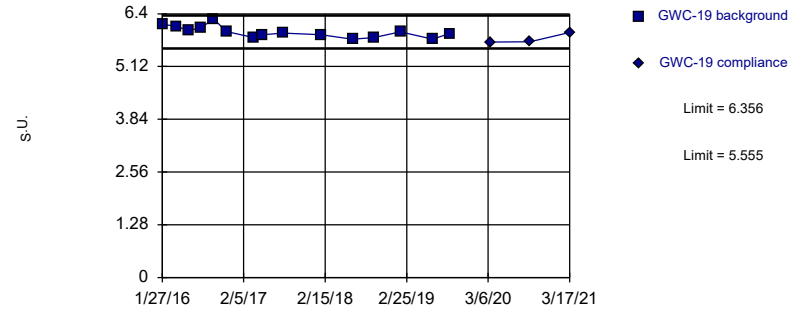


Background Data Summary: Mean=5.957, Std. Dev.=0.1008, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

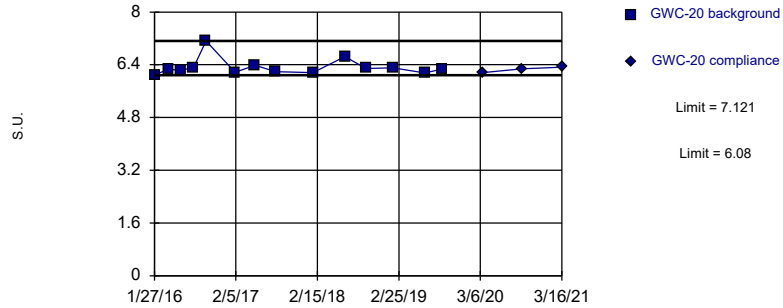


Background Data Summary: Mean=5.955, Std. Dev.=0.1414, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

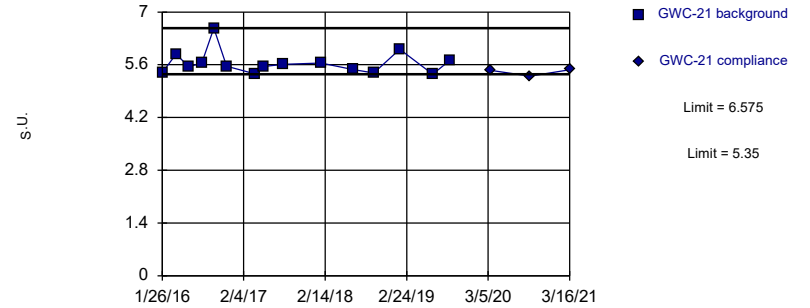


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

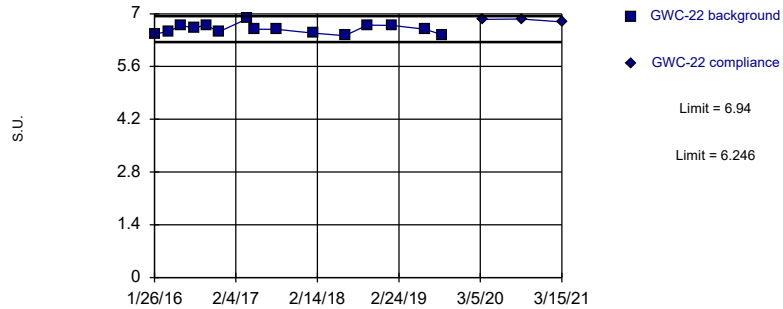


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

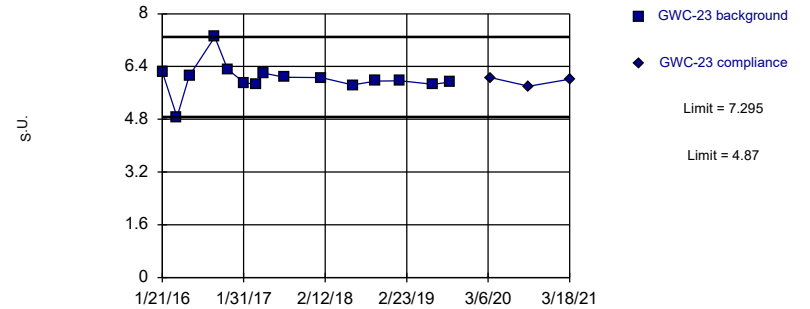


Background Data Summary: Mean=6.593, Std. Dev.=0.1223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9466, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

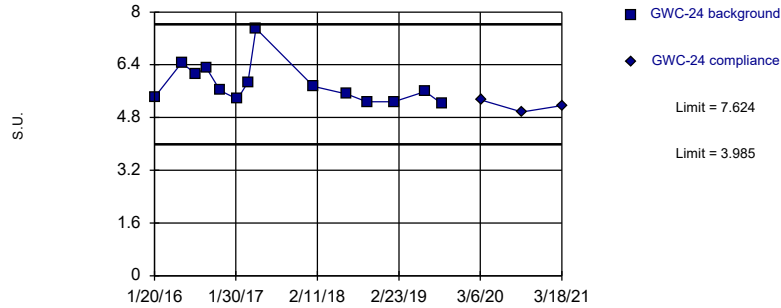


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

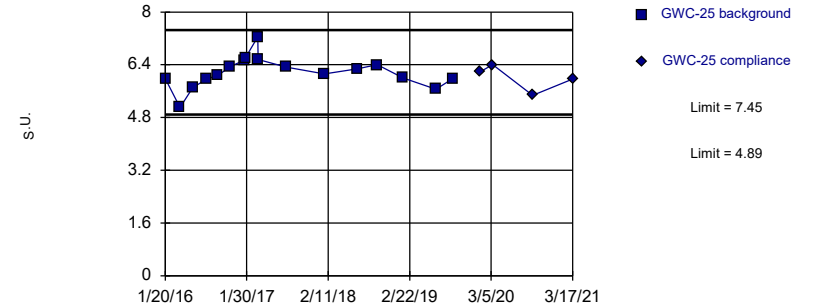


Background Data Summary: Mean=5.804, Std. Dev.=0.6258, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8325, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

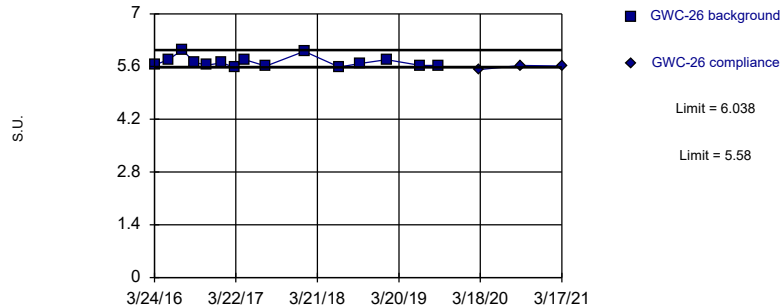


Background Data Summary: Mean=6.17, Std. Dev.=0.4699, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.959, critical = 0.851. Kappa = 2.724 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Non-parametric

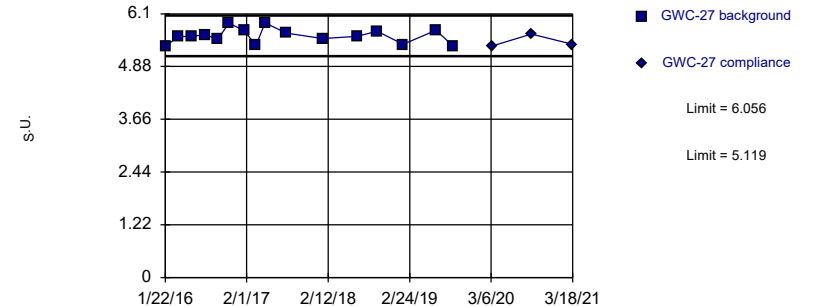


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

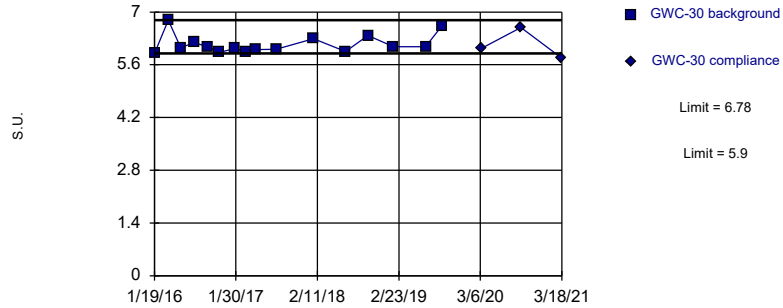


Background Data Summary: Mean=5.588, Std. Dev.=0.1696, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limits

Prediction Limit
Intrawell Non-parametric

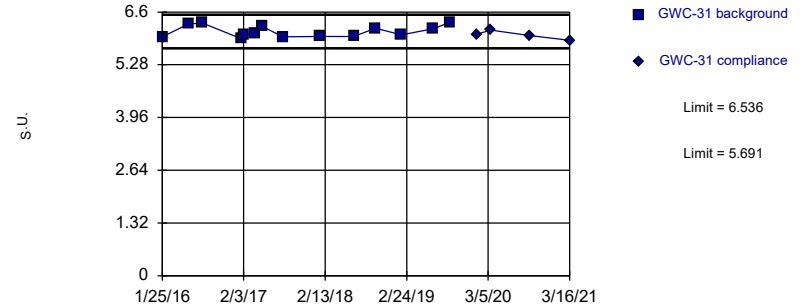


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

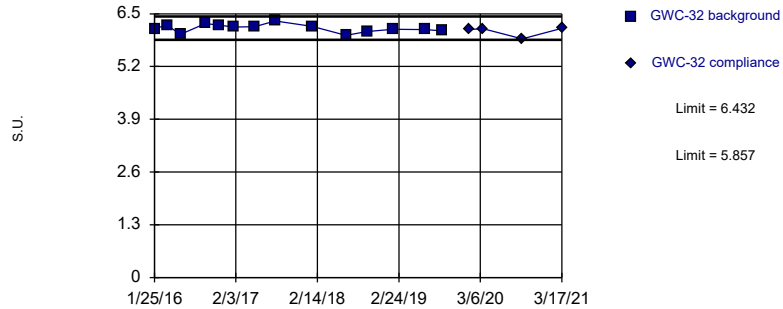


Background Data Summary: Mean=6.113, Std. Dev.=0.1454, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8799, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

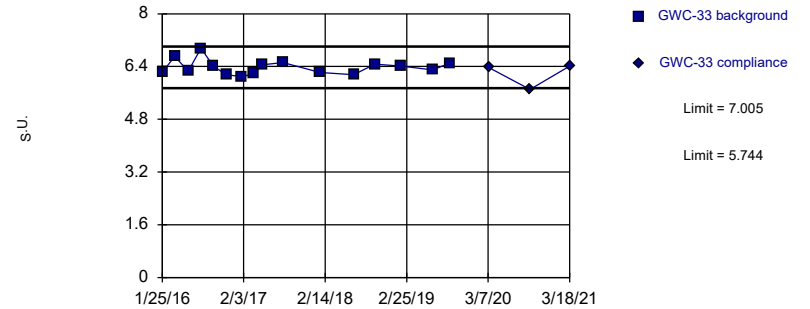


Background Data Summary: Mean=6.144, Std. Dev.=0.09892, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9812, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

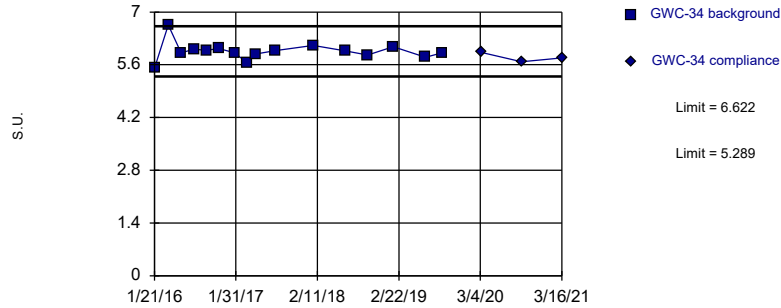


Background Data Summary: Mean=6.375, Std. Dev.=0.2283, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

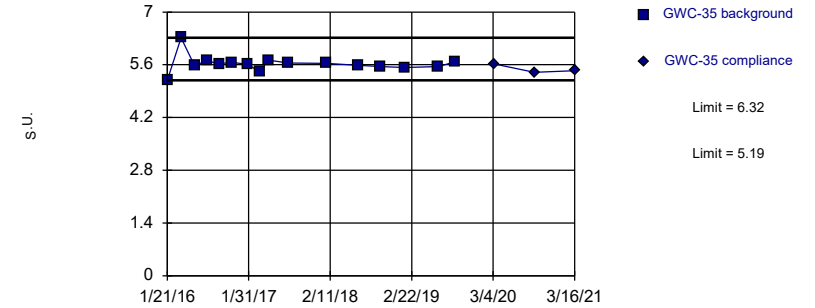


Background Data Summary: Mean=5.956, Std. Dev.=0.2414, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8509, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

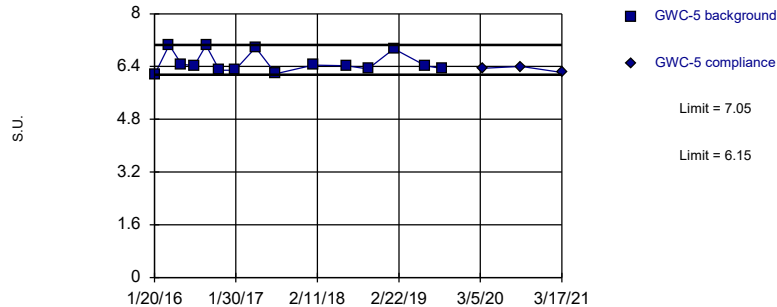


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

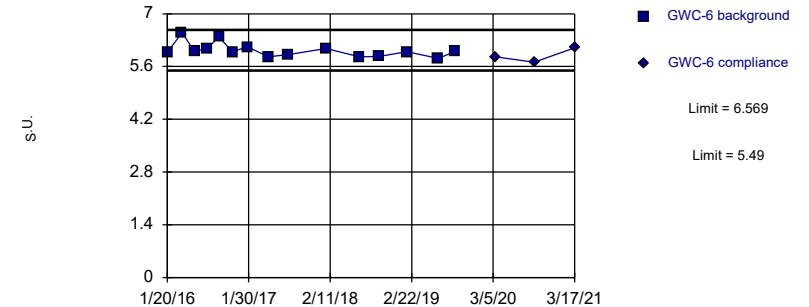


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

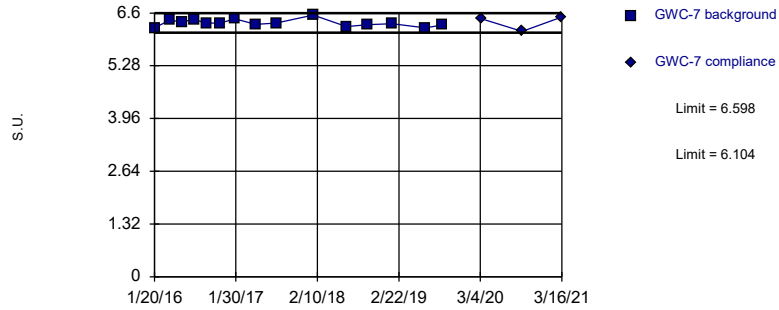


Background Data Summary: Mean=6.03, Std. Dev.=0.1904, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

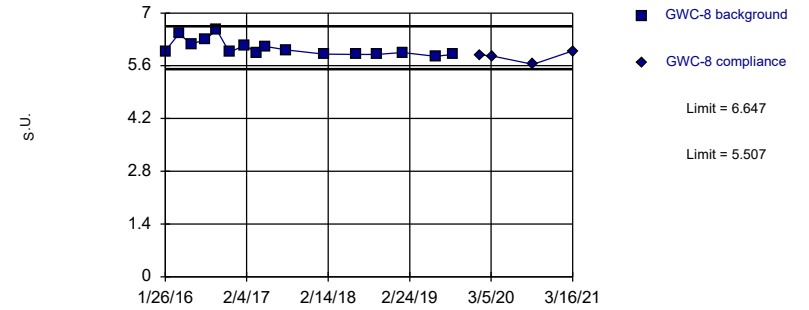


Background Data Summary: Mean=6.351, Std. Dev.=0.08699, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

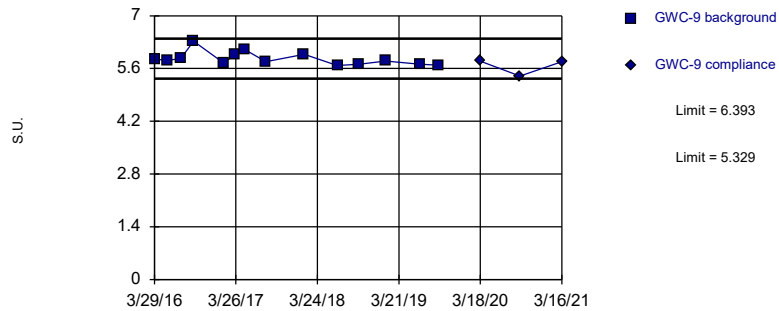


Background Data Summary (based on square root transformation): Mean=2.462, Std. Dev.=0.04189, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8455, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric



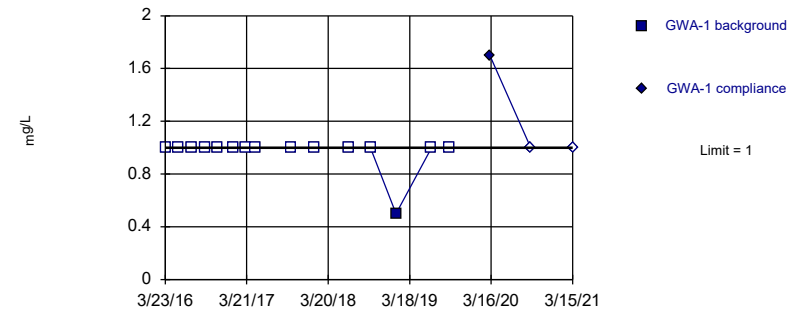
Background Data Summary: Mean=5.861, Std. Dev.=0.183, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

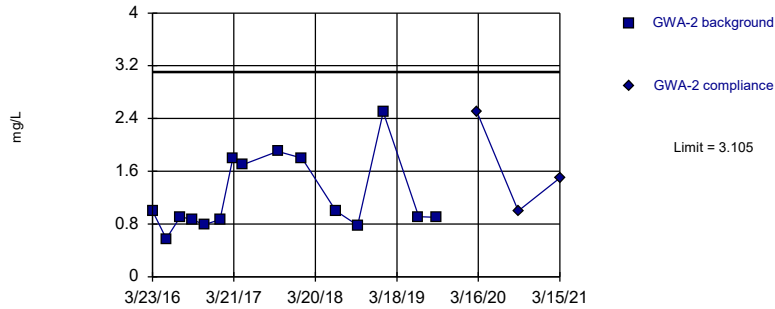


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

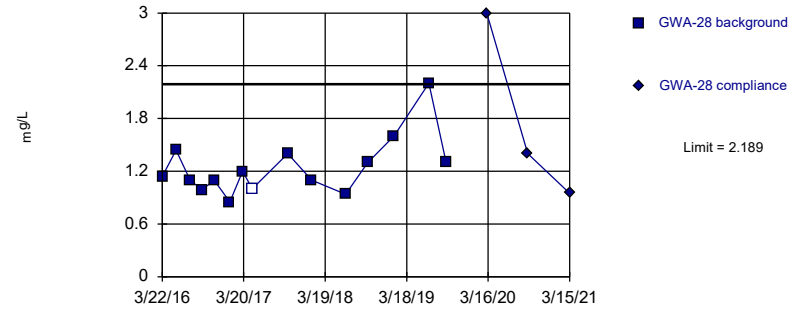


Background Data Summary (based on square root transformation): Mean=1.08, Std. Dev.=0.2406, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8573, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

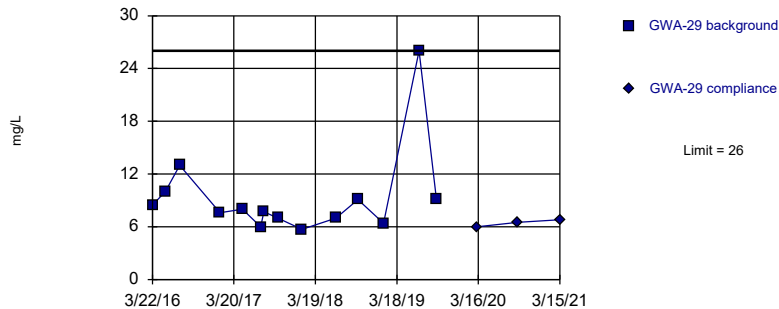


Background Data Summary: Mean=1.244, Std. Dev.=0.3334, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8497, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

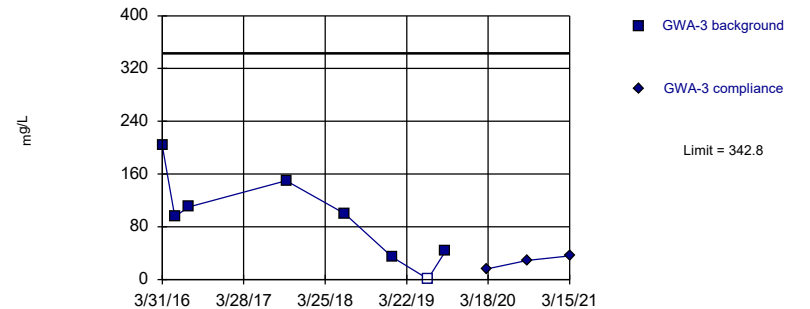


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 14 background values. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

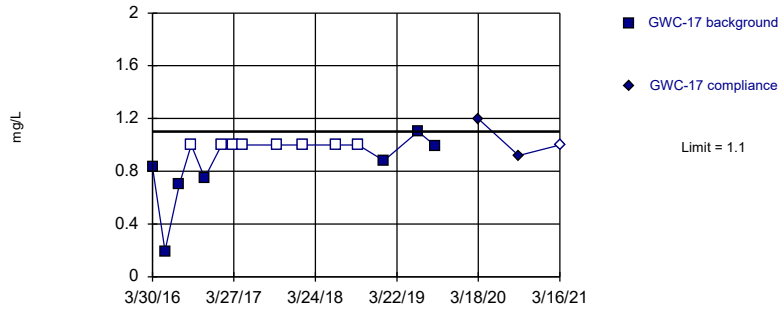


Background Data Summary: Mean=92.09, Std. Dev.=65.61, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.969, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

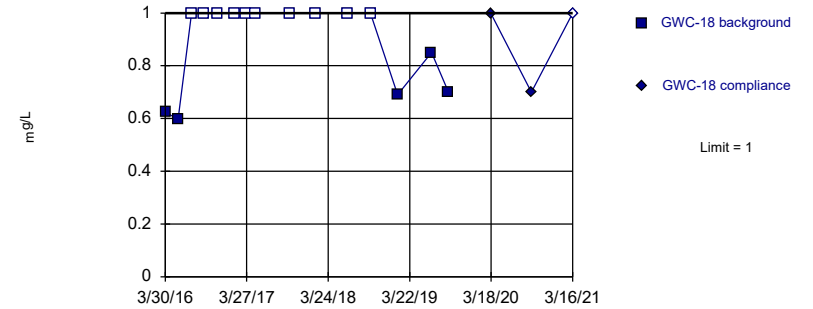


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

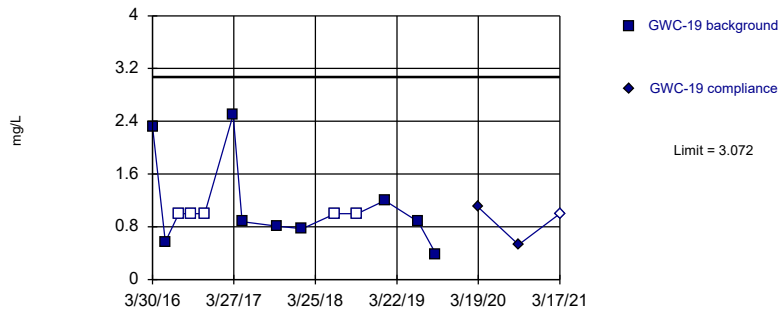


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

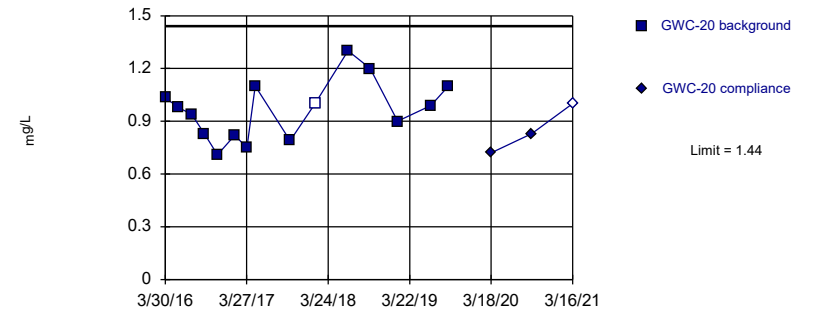


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.9401, Std. Dev.=0.2795, n=14, 35.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.831, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

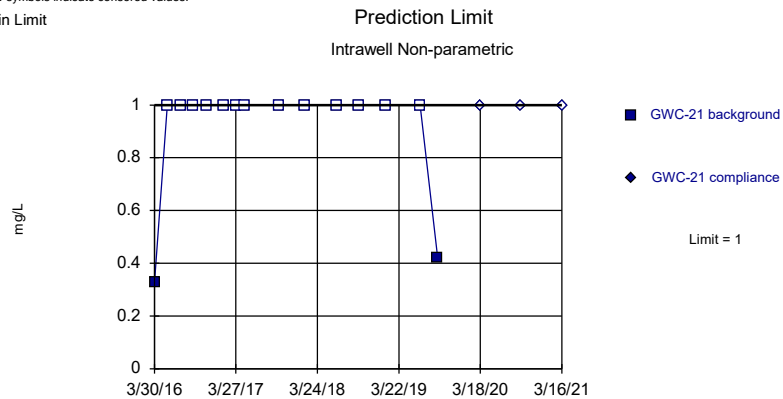
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.963, Std. Dev.=0.1684, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9728, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

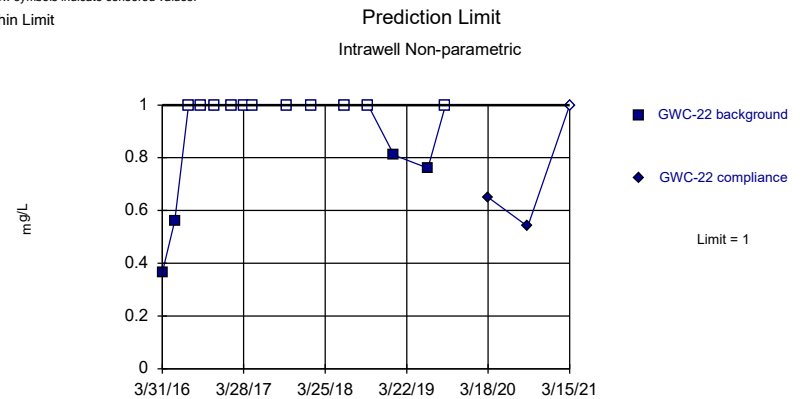
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

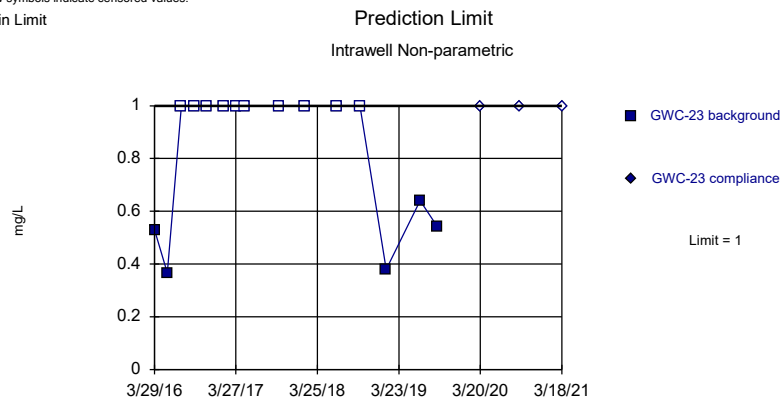
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

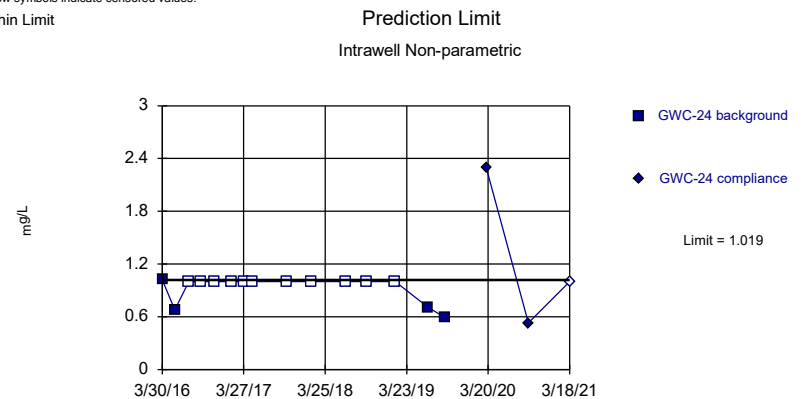
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

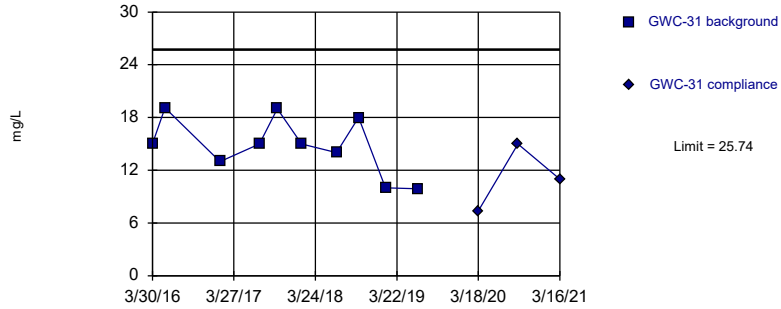


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

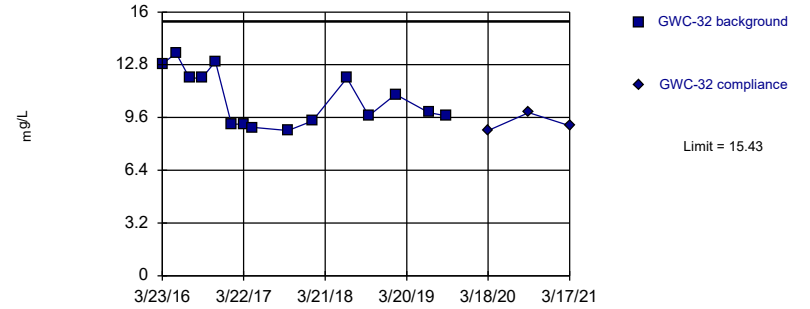


Background Data Summary: Mean=14.8, Std. Dev.=3.29, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9139, critical = 0.781. Kappa = 3.324 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

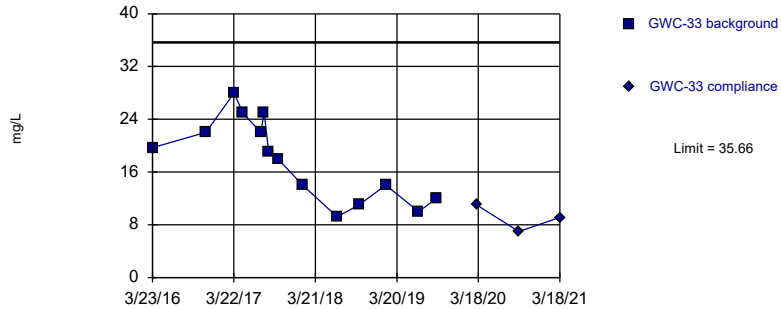


Background Data Summary: Mean=10.75, Std. Dev.=1.652, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

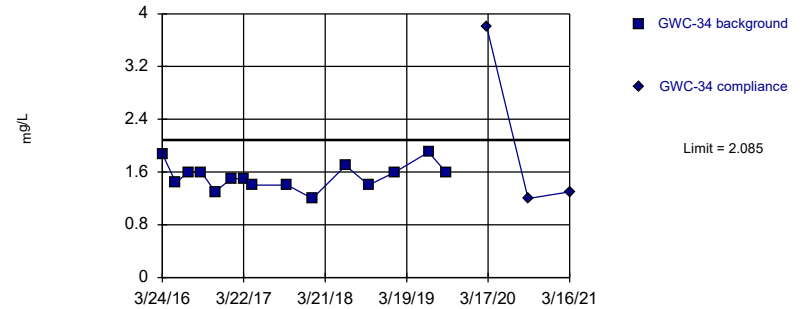


Background Data Summary: Mean=17.78, Std. Dev.=6.15, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

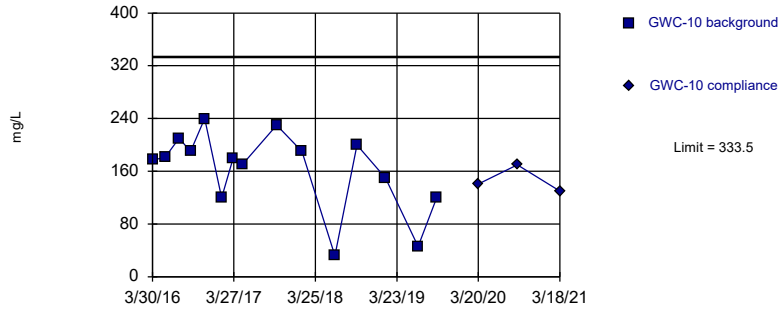


Background Data Summary: Mean=1.535, Std. Dev.=0.1943, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

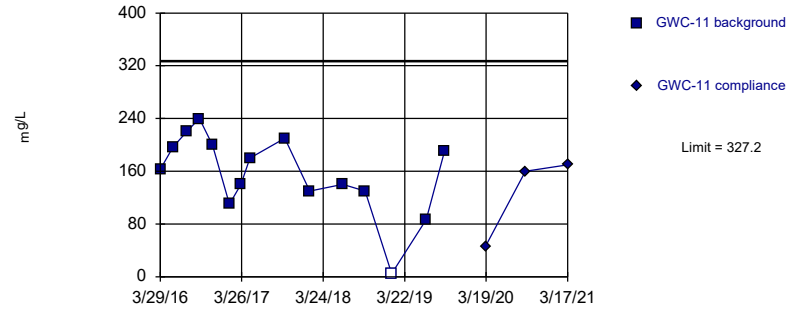


Background Data Summary: Mean=162.4, Std. Dev.=60.37, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

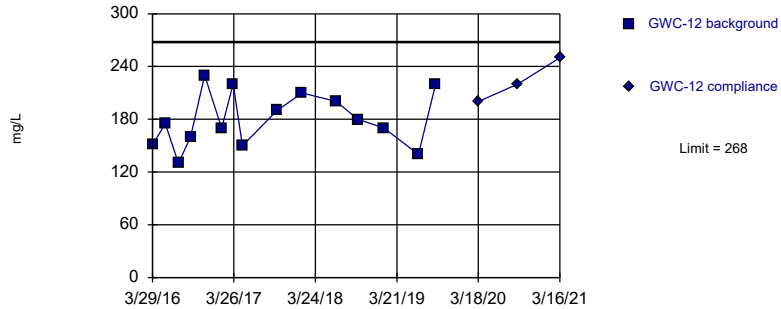


Background Data Summary: Mean=156.1, Std. Dev.=60.36, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

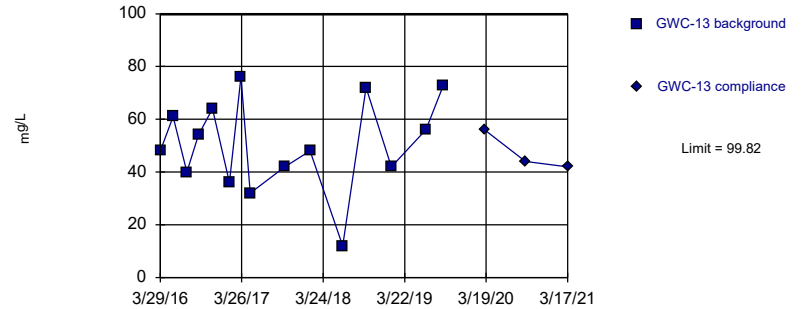


Background Data Summary: Mean=179.7, Std. Dev.=31.13, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9597, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

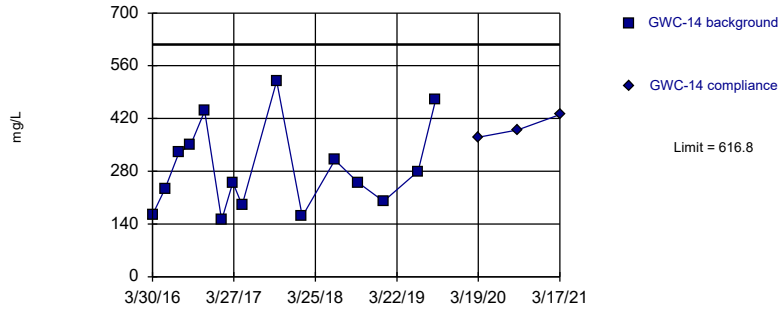


Background Data Summary: Mean=50.4, Std. Dev.=17.43, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

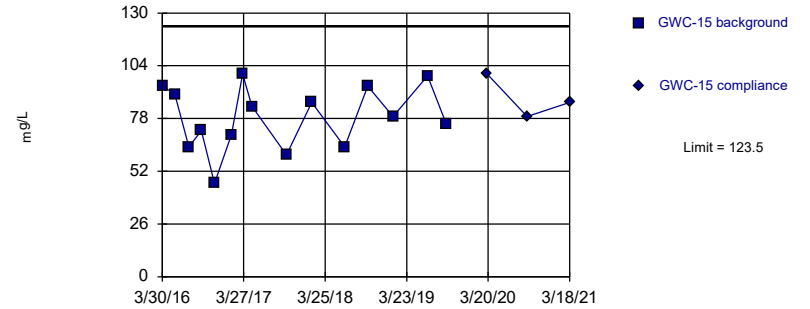


Background Data Summary: Mean=286.5, Std. Dev.=116.5, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9168, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

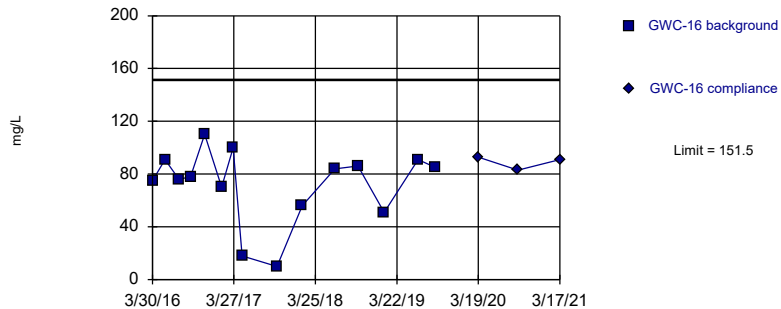


Background Data Summary: Mean=78.47, Std. Dev.=15.87, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

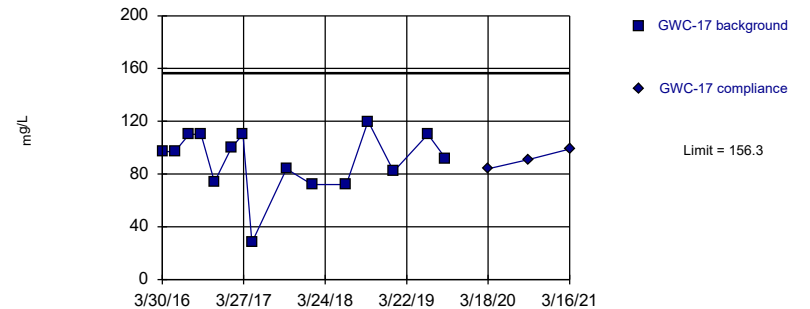


Background Data Summary: Mean=72.07, Std. Dev.=28.01, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8845, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

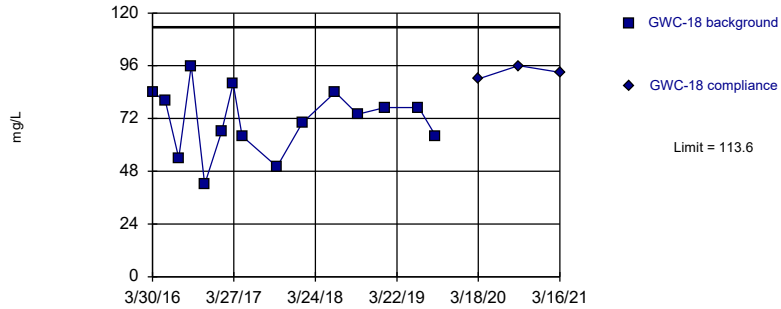


Background Data Summary: Mean=90.53, Std. Dev.=23.22, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8824, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

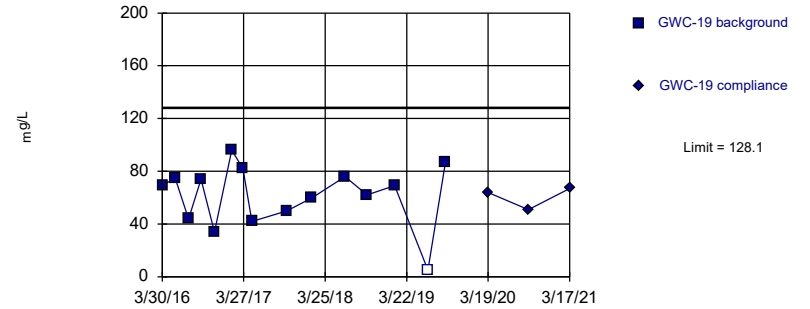


Background Data Summary: Mean=71.33, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

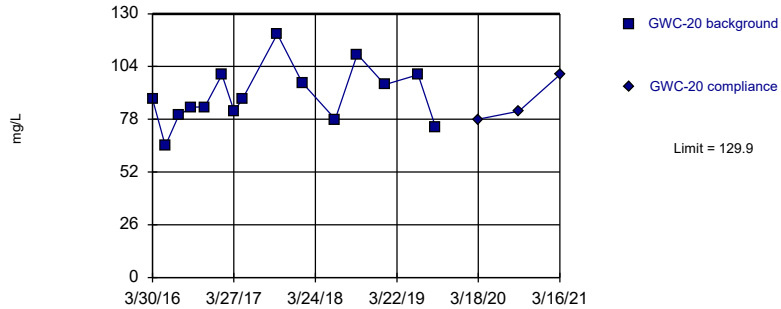


Background Data Summary: Mean=61.67, Std. Dev.=23.44, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

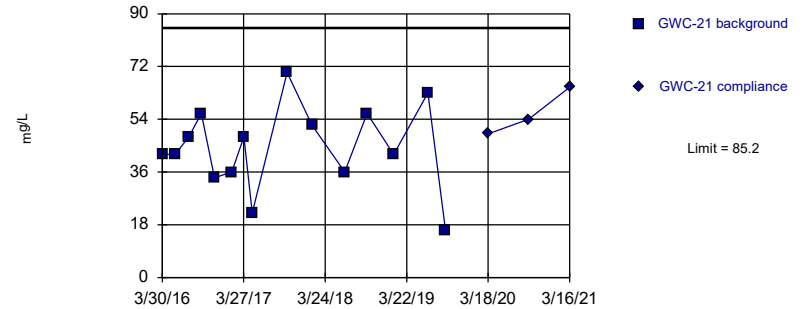


Background Data Summary: Mean=89.6, Std. Dev.=14.21, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

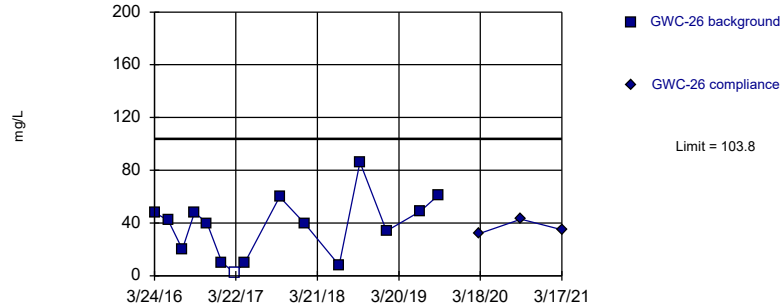


Background Data Summary: Mean=44.2, Std. Dev.=14.46, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9797, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

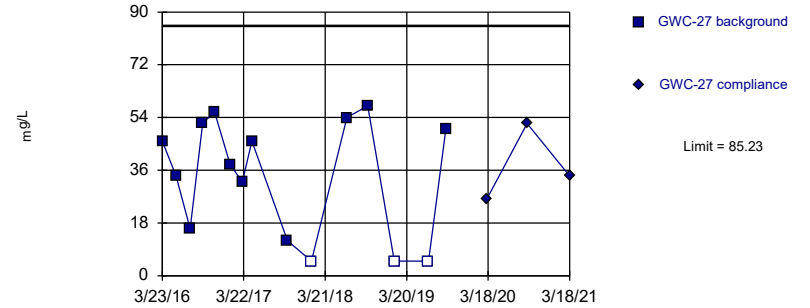


Background Data Summary: Mean=37.23, Std. Dev.=23.48, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9452, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

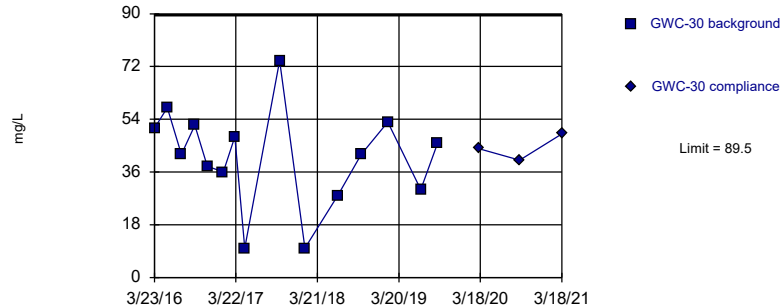


Background Data Summary (after Kaplan-Meier Adjustment): Mean=33.22, Std. Dev.=18.35, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8689, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

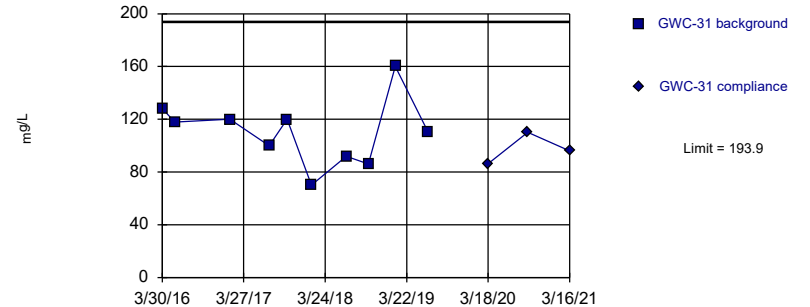


Background Data Summary: Mean=41.2, Std. Dev.=17.04, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9544, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

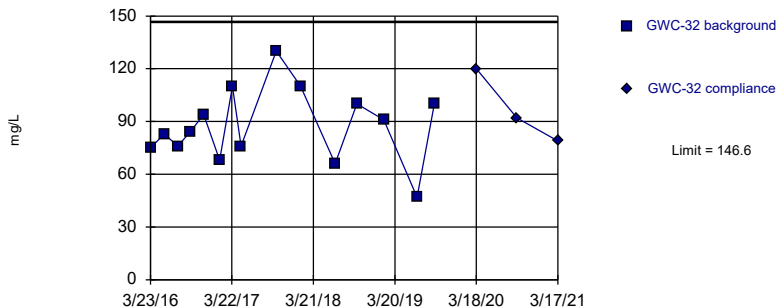


Background Data Summary: Mean=110.4, Std. Dev.=25.14, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.781. Kappa = 3.324 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

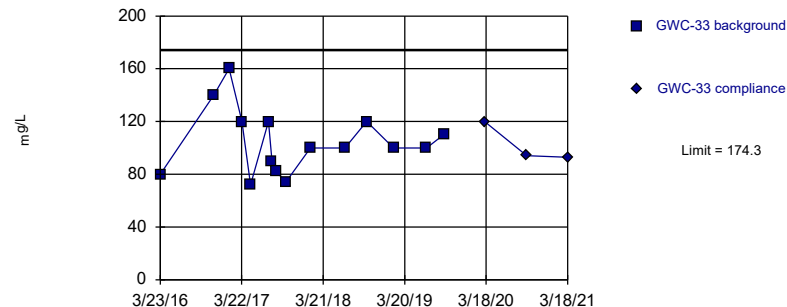


Background Data Summary: Mean=87.33, Std. Dev.=20.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9848, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric



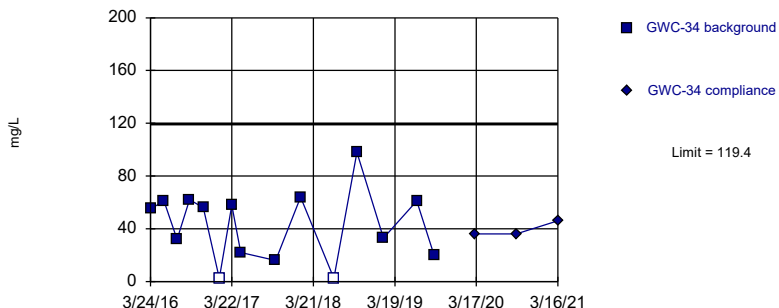
Background Data Summary: Mean=104.5, Std. Dev.=24.61, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



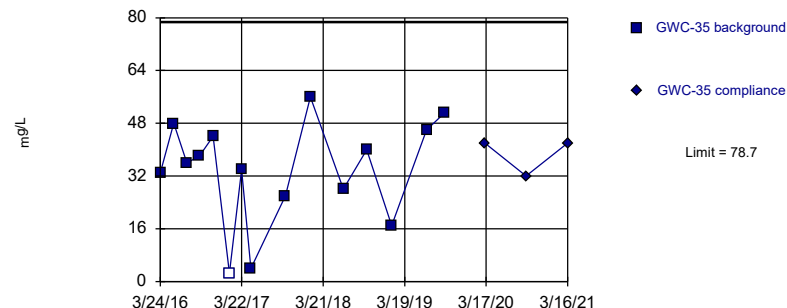
Background Data Summary: Mean=42.87, Std. Dev.=27.01, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.926, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

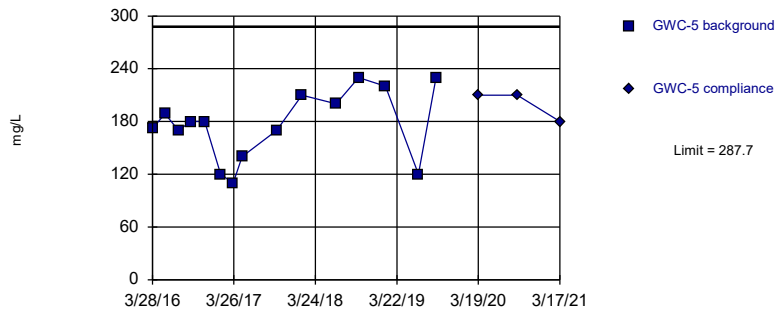
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=33.57, Std. Dev.=15.92, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

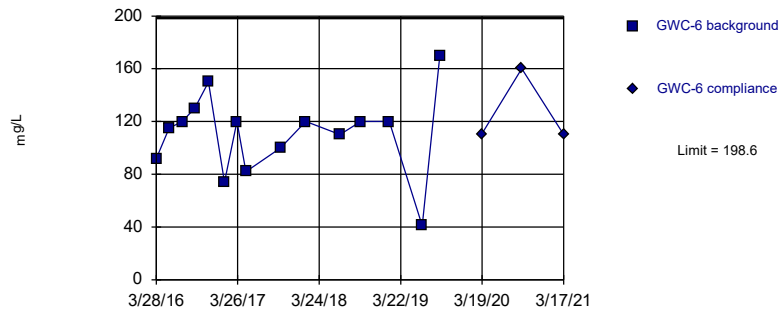
Within Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=176.1, Std. Dev.=39.38, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9331, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

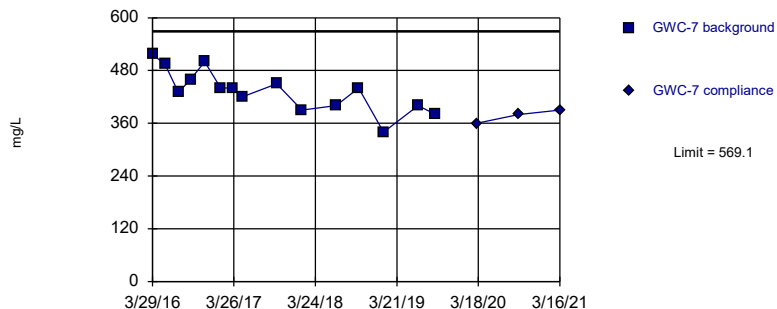
Within Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=110.9, Std. Dev.=30.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9478, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

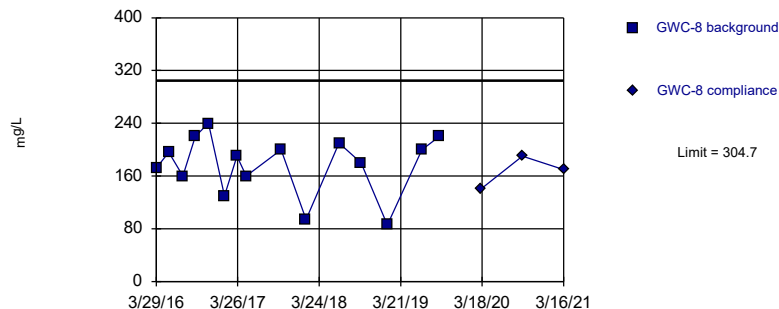
Within Limit Prediction Limit Intrawell Parametric



Background Data Summary: Mean=433.4, Std. Dev.=47.88, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9762, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit Prediction Limit Intrawell Parametric

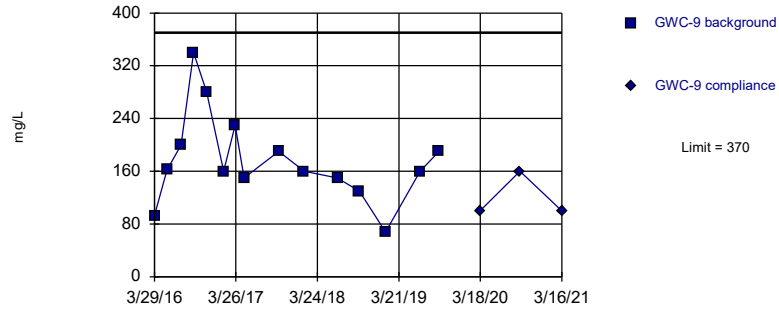


Background Data Summary: Mean=177.2, Std. Dev.=44.99, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=177.5, Std. Dev.=67.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/19/2018	5.39 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.195292 (O)	
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 (D)	
1/19/2018	5.68 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.545359	
11/9/2016	6	
1/17/2017	6.09	
3/16/2017	5.98	
4/27/2017	5.96	
8/1/2017	6.01 (D)	
1/19/2018	6.15 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.444541	
3/15/2017	5.86	
4/27/2017	5.85	
8/1/2017	5.86 (D)	
1/19/2018	5.83 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
5/25/2016	6.48	
7/27/2016	6.43219	
8/1/2017	6.35 (D)	
6/20/2018	6.28	
1/17/2019	6.06	
6/24/2019	5.68	
6/25/2019	5.58	
9/11/2019	5.49	
3/10/2020		5.53
9/9/2020		5.39
3/15/2021		5.28

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.396439	
11/10/2016	6.19	
1/17/2017	6.18	
3/16/2017	6.1	
4/28/2017	6.51	
8/2/2017	6.23 (D)	
1/22/2018	6.3 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/24/2018	6.47 (D)	
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		5.31
12/2/2020		5.72
3/18/2021		6.13

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.027665	
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 (D)	
1/24/2018	6.17 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All
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	
9/15/2016	6.283325	
11/16/2016	6.99	
1/31/2017	7.065 (D)	
3/23/2017	7.41	
5/3/2017	7.32	
8/7/2017	7.25 (D)	
1/24/2018	7.02 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.565879	
11/17/2016	6.63	
3/23/2017	6.85	
5/3/2017	6.57	
8/4/2017	6.77 (D)	
1/25/2018	6.63 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	5.220961	
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 (D)	
1/25/2018	5.64 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/25/2018	6.45 (D)	
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
9/10/2020		6.31
3/18/2021		6.92

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.5561 (O)	
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 (D)	
1/25/2018	6.1 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.948709 (O)	
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 (D)	
1/25/2018	6.2 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/25/2018	6.03 (D)	
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		6.03

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.276656	
11/17/2016	5.97	
3/24/2017	5.82	
5/3/2017	5.89	
8/7/2017	5.93 (D)	
1/25/2018	5.89 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.120962	
2/2/2017	6.17	
5/4/2017	6.38	
8/7/2017	6.19 (D)	
1/26/2018	6.16 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.575025	
11/17/2016	5.56	
3/28/2017	5.36	
5/4/2017	5.55	
8/7/2017	5.61 (D)	
1/26/2018	5.65 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.696588	
11/17/2016	6.52	
3/28/2017	6.87	
5/3/2017	6.59	
8/8/2017	6.59 (D)	
1/25/2018	6.49 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-23	GWC-23
1/21/2016	6.24	
3/29/2016	4.87	
5/25/2016	6.11	
9/20/2016	7.295281	
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 (D)	
1/25/2018	6.06 (D)	
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		6.02

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	
1/25/2018	5.74 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.070052	
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 (D)	
1/24/2018	6.12 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/22/2018	6 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/19/2018	5.53 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
3/17/2017	5.94	
5/1/2017	6	
8/4/2017	6.01 (D)	
1/24/2018	6.29 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/22/2018	5.99 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/22/2018	6.19 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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 (D)	
1/22/2018	6.22 (D)	
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		5.71
3/18/2021		6.41

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-34
1/21/2016	5.51	
3/24/2016	6.66	
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 (D)	
1/23/2018	6.11 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-35
1/21/2016	5.19	
3/24/2016	6.32	
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 (D)	
1/23/2018	5.64 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	7.042684	
11/15/2016	6.29	
1/26/2017	6.29	
5/2/2017	6.98	
8/3/2017	6.18 (D)	
1/23/2018	6.44 (D)	
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		6.22

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.383623	
11/16/2016	5.99	
1/26/2017	6.12	
5/2/2017	5.86	
8/3/2017	5.92 (D)	
1/23/2018	6.08 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.347438	
11/16/2016	6.35	
1/26/2017	6.45	
5/2/2017	6.32	
8/4/2017	6.35 (D)	
1/23/2018	6.55 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.550086	
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 (D)	
1/24/2018	5.91 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 4/27/2021 11:16 AM View: All

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	6.323668	
1/31/2017	5.75	
3/23/2017	5.97	
5/2/2017	6.11	
8/7/2017	5.78 (D)	
1/24/2018	5.98 (D)	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
4/27/2017	8	
7/18/2017	6	
8/1/2017	7.7	
10/3/2017	7	
1/19/2018	5.7	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
3/31/2016	202.982	
5/25/2016	95.7	
7/27/2016	110	
10/3/2017	150	
6/20/2018	100	
1/18/2019	34	
6/25/2019	<1	
9/11/2019	43	
3/10/2020		16
9/9/2020		29
3/15/2021		36

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
3/30/2016	24.0688	
5/25/2016	20.1	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
3/30/2016	0.8313 (J)	
5/25/2016	0.195 (J)	
7/27/2016	0.7 (J)	
9/19/2016	<1	
11/17/2016	0.75 (J)	
2/1/2017	<1	
3/24/2017	<1	
5/3/2017	<1	
10/4/2017	<1	
1/25/2018	<1	
6/26/2018	<1	
10/2/2018	<1	
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		<1

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-21
3/30/2016	0.3269 (J)	
5/26/2016	<1	
7/26/2016	<1	
9/20/2016	<1	
11/17/2016	<1	
2/2/2017	<1	
3/28/2017	<1	
5/4/2017	<1	
10/6/2017	<1	
1/26/2018	<1	
6/20/2018	<1	
9/27/2018	<1	
1/24/2019	<1	
6/25/2019	<1	
9/11/2019	0.42 (J)	
3/18/2020		<1
9/15/2020		<1
3/16/2021		<1

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
3/23/2017	23	
5/2/2017	27	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
10/6/2017	19	
1/23/2018	15	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
4/27/2017	92	
7/18/2017	84 (J)	
8/1/2017	60 (J)	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
3/31/2016	401	
5/25/2016	150	
7/27/2016	250	
10/3/2017	410	
6/20/2018	230	
1/18/2019	140	
6/25/2019	130	
9/11/2019	130	
3/10/2020		170
9/9/2020		150
3/15/2021		170

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
1/25/2019	<10	
6/26/2019	44	
9/12/2019	58	
3/18/2020		29
9/10/2020		40
3/18/2021		29

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 4/27/2021 11:16 AM View: All

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	
11/16/2016	280	
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

FIGURE H.

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

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWC-30	6.652	5.062	3/18/2021	5.77	No	101	5.857	0.3598	0	None	No	0.0001297	Param Inter 1 of 2
Sulfate as SO4 (mg/L)	GWC-12	203	n/a	3/16/2021	29	No	100	n/a	n/a	18	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 5/3/2021 6:09 PM View: Appendix III - Exceedances
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWC-30	GWA-2 (bg)	GWA-1 (bg)	GWA-28 (bg)	GWA-4 (bg)	GWA-3 (bg)
1/19/2016	5.92	5.9					
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		6.78	5.85	5.56			
5/19/2016	5.95					6.45	
5/20/2016		6.05		5.62			
5/23/2016					6.29		
5/24/2016			5.86				
5/25/2016							6.48
7/21/2016	6.049508	6.188237		5.500376		6.449699	
7/25/2016					6.178217		
7/26/2016			5.808275				
7/27/2016							6.43219
9/14/2016						6.396439	
9/15/2016	6.444541		7.195292 (O)	5.31			
9/16/2016					6.545359		
9/20/2016		6.075727					
11/9/2016					6		
11/10/2016			5.63			6.19	
11/11/2016				5.4			
11/14/2016		5.93					
1/17/2017					6.09	6.18	
1/19/2017			5.63	5.73			
1/24/2017		6.03 (D)					
3/15/2017	5.86						
3/16/2017				5.25	5.98	6.1	
3/17/2017		5.94	5.68				
4/27/2017	5.85				5.96		
4/28/2017			5.77	5.35		6.51	
5/1/2017		6					
8/1/2017	5.86 (D)				6.01 (D)		6.35 (D)
8/2/2017			5.67 (D)			6.23 (D)	
8/3/2017				5.32 (D)			
8/4/2017		6.01 (D)					
1/19/2018	5.83 (D)		5.68 (D)	5.39 (D)	6.15 (D)		
1/22/2018						6.3 (D)	
1/24/2018		6.29 (D)					
6/19/2018	5.77		5.84	5.27	5.96	6.2	
6/20/2018							6.28
6/21/2018		5.95					
9/25/2018	5.92		5.52	5.27	5.94	6.21	
10/3/2018		6.38					
1/17/2019			5.81	5.43		6.29	6.06
1/18/2019	5.86						
1/21/2019					5.92		
1/30/2019		6.08					
6/24/2019			5.75	5.3		6.12	5.68
6/25/2019	5.96				6.03		5.58
6/27/2019		6.08					
9/9/2019				5.37			

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 5/3/2021 6:09 PM View: Appendix III - Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWC-30	GWA-2 (bg)	GWA-1 (bg)	GWA-28 (bg)	GWA-4 (bg)	GWA-3 (bg)
9/10/2019	5.94	6.63	5.63		5.79	6.18	
9/11/2019							5.49
3/10/2020	5.75		5.72	5.42	6.05	6.24	5.53
3/11/2020		6.04					
9/9/2020	5.63			5.62	5.9	6.19	5.39
9/10/2020		6.59	5.41				
3/15/2021	5.51		5.44	5.55	6.09	6	5.28
3/18/2021		5.77					

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 5/3/2021 6:09 PM View: Appendix III - Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-12	GWA-3 (bg)
3/22/2016	1.1423	8.4662					
3/23/2016			<1	9.0208	1.001		
3/29/2016						19.1889	
3/31/2016							202.982
5/19/2016		10		10			
5/20/2016			<1				
5/23/2016	1.44						
5/24/2016					0.576 (J)		
5/25/2016						19.8	95.7
7/21/2016		13	<1	10			
7/22/2016						20	
7/25/2016	1.1						
7/26/2016					0.91 (J)		
7/27/2016							110
9/14/2016				9.7			
9/15/2016	0.99 (J)		<1			20	
9/16/2016					0.87 (J)		
11/9/2016	1.1						
11/10/2016				8.1	0.79 (J)		
11/11/2016			<1				
11/16/2016						19	
1/17/2017	0.85 (J)	7.6		15			
1/19/2017			<1		0.87 (J)		
1/31/2017						23	
3/16/2017	1.2		<1	9.1			
3/17/2017					1.8		
3/23/2017						23	
4/27/2017	<1	8		9.6			
4/28/2017			<1		1.7		
5/3/2017						22	
7/18/2017		6					
8/1/2017		7.7					
10/3/2017	1.4	7		9.8	1.9		150
10/4/2017			<1			22	
1/19/2018	1.1	5.7	<1		1.8		
1/22/2018				10			
1/24/2018						22	
6/19/2018	0.94 (J)	7	<1	10	1		
6/20/2018							100
6/26/2018						23	
9/25/2018	1.3	9.1	<1	9.7	0.78 (J)		
9/28/2018						24	
1/17/2019			0.5 (J)	9.4	2.5		
1/18/2019		6.4					34
1/21/2019	1.6						
1/25/2019						25	
6/24/2019			<1	10	0.91 (J)		
6/25/2019	2.2	26					<1
6/26/2019						25	
9/9/2019			<1				
9/10/2019	1.3	9.2		11	0.9 (J)		
9/11/2019						26	43

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 5/3/2021 6:09 PM View: Appendix III - Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-12	GWA-3 (bg)
3/10/2020	3	6	1.7	12	2.5		16
3/18/2020						25	
9/9/2020	1.4	6.5	<1	9.4			29
9/10/2020					1	26	
3/15/2021	0.95 (J)	6.8	<1	7.7	1.5		36
3/16/2021						29	

FIGURE I.

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-14	0.08	n/a	3/17/2021	1	Yes	101	n/a	n/a	97.03	n/a	n/a	0.0001864	NP Inter (NDs) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	3/17/2021	140	Yes	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

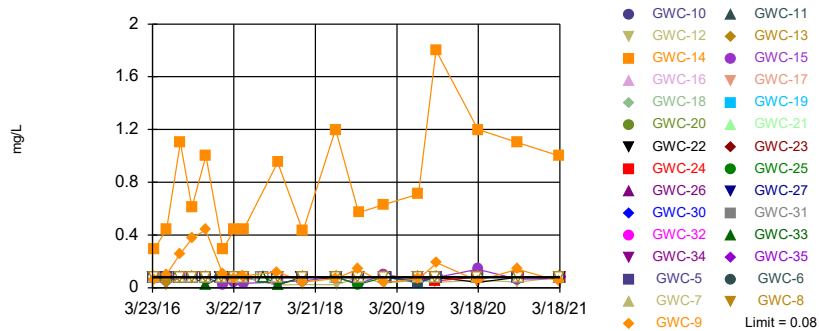
Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-10	49	n/a	3/18/2021	3.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11	49	n/a	3/17/2021	2.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-12	49	n/a	3/16/2021	27	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13	49	n/a	3/17/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	3/17/2021	140	Yes	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15	49	n/a	3/18/2021	6.3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-16	49	n/a	3/17/2021	1.6	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-17	49	n/a	3/16/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-18	49	n/a	3/16/2021	1.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-19	49	n/a	3/17/2021	2.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-20	49	n/a	3/16/2021	2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-21	49	n/a	3/16/2021	3.5	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-22	49	n/a	3/15/2021	1.5	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-23	49	n/a	3/18/2021	2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-24	49	n/a	3/18/2021	4.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-25	49	n/a	3/17/2021	5.9	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-26	49	n/a	3/17/2021	3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-27	49	n/a	3/18/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-30	49	n/a	3/18/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-31	49	n/a	3/16/2021	1.4	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-32	49	n/a	3/17/2021	1.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-33	49	n/a	3/18/2021	2.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-34	49	n/a	3/16/2021	1.1	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-35	49	n/a	3/16/2021	4.2	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-5	49	n/a	3/17/2021	9.7	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6	49	n/a	3/17/2021	7.8	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-7	49	n/a	3/16/2021	13	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8	49	n/a	3/16/2021	3.7	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-9	49	n/a	3/16/2021	3.3	No	100	n/a	n/a	1	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-10	3.2	n/a	3/18/2021	1.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-11	3.2	n/a	3/17/2021	0.08J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-12	3.2	n/a	3/16/2021	0.14	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-13	3.2	n/a	3/17/2021	0.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-14	3.2	n/a	3/17/2021	0.036J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-15	3.2	n/a	3/18/2021	0.073J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-16	3.2	n/a	3/17/2021	0.031J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-17	3.2	n/a	3/16/2021	0.034J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-18	3.2	n/a	3/16/2021	0.029J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-19	3.2	n/a	3/17/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-20	3.2	n/a	3/16/2021	0.031J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-21	3.2	n/a	3/16/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-22	3.2	n/a	3/15/2021	0.045J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-23	3.2	n/a	3/18/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-24	3.2	n/a	3/18/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-25	3.2	n/a	3/17/2021	0.03J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-26	3.2	n/a	3/17/2021	0.1ND	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-27	3.2	n/a	3/18/2021	0.72	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-30	3.2	n/a	3/18/2021	0.072J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-31	3.2	n/a	3/16/2021	1.3	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-32	3.2	n/a	3/17/2021	2.3	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-33	3.2	n/a	3/18/2021	2.1	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-34	3.2	n/a	3/16/2021	0.13	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-35	3.2	n/a	3/16/2021	0.03J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-5	3.2	n/a	3/17/2021	0.094J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-6	3.2	n/a	3/17/2021	0.073J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-7	3.2	n/a	3/16/2021	0.21	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-8	3.2	n/a	3/16/2021	0.044J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-9	3.2	n/a	3/16/2021	0.043J	No	100	n/a	n/a	41	n/a	n/a	0.0001892	NP Inter (normality) 1 of 2

Exceeds Limit: GWC-14

Prediction Limit
Interwell Non-parametric

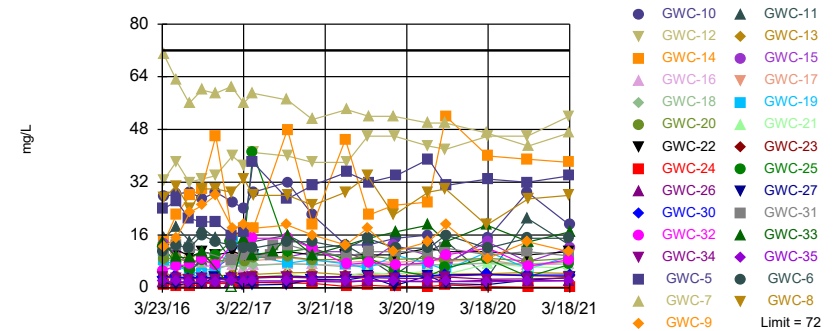


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 97.03% NDs. Annual per-constituent alpha = 0.01075. Individual comparison alpha = 0.0001864 (1 of 2). Comparing 29 points to limit.

Constituent: Boron, total Analysis Run 5/3/2021 6:13 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Interwell Non-parametric

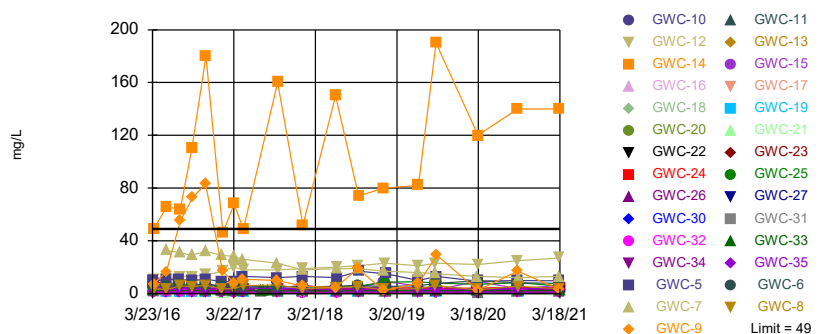


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. 1% NDs. Annual per-constituent alpha = 0.01091. Individual comparison alpha = 0.0001892 (1 of 2). Comparing 29 points to limit.

Constituent: Calcium, total Analysis Run 5/3/2021 6:13 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit: GWC-14

Prediction Limit
Interwell Non-parametric

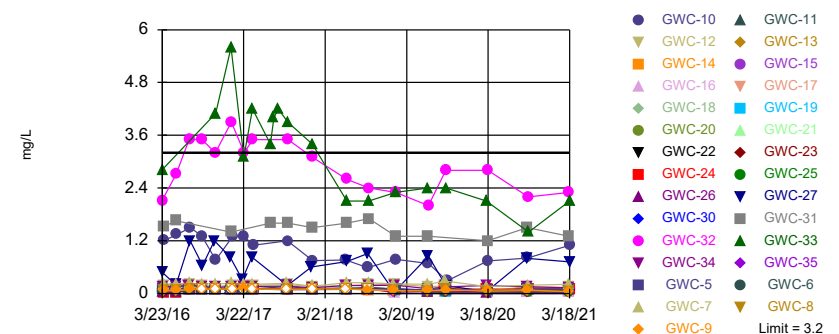


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. 1% NDs. Annual per-constituent alpha = 0.01091. Individual comparison alpha = 0.0001892 (1 of 2). Comparing 29 points to limit.

Constituent: Chloride, Total Analysis Run 5/3/2021 6:13 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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 100 background values. 41% NDs. Annual per-constituent alpha = 0.01091. Individual comparison alpha = 0.0001892 (1 of 2). Comparing 29 points to limit.

Constituent: Fluoride, total Analysis Run 5/3/2021 6:13 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-30	GWC-33	GWA-2 (bg)	GWA-1 (bg)	GWC-32	GWC-27
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									
3/16/2017	<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				
5/2/2017								<0.08	

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-4 (bg)	GWC-30	GWC-33	GWA-2 (bg)	GWA-1 (bg)	GWC-32	GWC-27
3/16/2020									
3/17/2020									
3/18/2020								<0.08	
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

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-34	GWC-35	GWC-25	GWC-5	GWC-6	GWC-8	GWC-13	GWC-11
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	0.022 (J)		
5/25/2016	<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									
7/25/2016									<0.08
7/26/2016	<0.08						<0.08	<0.08	
7/27/2016				<0.08					
9/14/2016									
9/15/2016		<0.08	<0.08		<0.08	<0.08		<0.08	
9/16/2016									
9/19/2016	<0.08			<0.08			<0.08		<0.08
9/20/2016									
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		<0.08
11/17/2016								<0.08	
11/18/2016									
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	<0.08		
1/31/2017								<0.08	<0.08
2/1/2017									
2/2/2017									
2/3/2017									
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	<0.08
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	<0.08	<0.08							
5/2/2017			<0.08	<0.08	<0.08	<0.08			<0.08

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-9	GWC-12	GWC-23	GWC-10	GWC-31	GWC-15	GWC-16	GWC-17
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	0.0787 (J)	<0.08	<0.08
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	<0.08	0.0981 (J)							
5/25/2016			<0.08	<0.08	<0.08	<0.08	0.0536 (J)	<0.08	<0.08
5/26/2016									
7/21/2016									
7/22/2016	<0.08		<0.08						
7/25/2016		0.26							
7/26/2016							<0.08		
7/27/2016				<0.08	<0.08	<0.08		<0.08	<0.08
9/14/2016									
9/15/2016	<0.08		<0.08						
9/16/2016					<0.08			<0.08	
9/19/2016		0.38							<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						
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						<0.08			
1/26/2017	<0.08								
1/31/2017		0.11	<0.08						
2/1/2017					<0.08		0.023 (J)	<0.08	<0.08
2/2/2017									
2/3/2017				<0.08					
3/16/2017									
3/17/2017									
3/22/2017	<0.08								
3/23/2017		0.071	<0.08			<0.08	0.042 (J)	<0.08	<0.08
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									
5/2/2017	<0.08	0.089				<0.08			

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-9	GWC-12	GWC-23	GWC-10	GWC-31	GWC-15	GWC-16	GWC-17
3/16/2020		0.052 (J)					0.14		
3/17/2020					<0.08	<0.08		<0.08	<0.08
3/18/2020			0.058 (J)	<0.08					
9/9/2020									
9/10/2020			0.043 (J)	<0.08	<0.08		0.064 (J)		
9/11/2020		0.14				<0.08		<0.08	
9/14/2020	<0.08								<0.08
9/15/2020									
9/16/2020									
3/15/2021									
3/16/2021	<0.08	0.05 (J)	<0.08			<0.08			<0.08
3/17/2021								<0.08	
3/18/2021				<0.08	<0.08		0.071 (J)		

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWC-19	GWC-20	GWC-21	GWC-14	GWC-24	GWA-3 (bg)	GWC-22
3/16/2020								
3/17/2020	<0.08				1.2			
3/18/2020		<0.08	<0.08	<0.08				0.041 (J)
9/9/2020							<0.08	
9/10/2020					1.1			<0.08
9/11/2020								
9/14/2020	<0.08							
9/15/2020		<0.08	<0.08	<0.08		<0.08		
9/16/2020								
3/15/2021							<0.08	<0.08
3/16/2021	<0.08		<0.08	<0.08				
3/17/2021		<0.08			1			
3/18/2021						<0.08		

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWC-27	GWC-32	GWC-33	GWA-4 (bg)	GWA-2 (bg)	GWC-30
3/22/2016	4.65	2.86							
3/23/2016			0.893	1.73	5.18	13.8	24.2	3.09	3.03
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				0.745	6.58	9.38		3.51	
5/25/2016									
5/26/2016									
7/21/2016	4.7		0.6				30		2.9
7/22/2016					7.1	9			
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					8.7	11		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						55 (O)			
11/18/2016									
1/17/2017	3.7	2.4					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									
3/16/2017		2.7	0.72	1			27		
3/17/2017								3.4	2.9
3/22/2017									
3/23/2017						15			
3/24/2017					12				
3/28/2017									
3/29/2017									
4/27/2017	3.9	2.4					27		
4/28/2017			0.72	0.88				3.9	
5/1/2017						10			3
5/2/2017					15				

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWC-27	GWC-32	GWC-33	GWA-4 (bg)	GWA-2 (bg)	GWC-30
3/16/2020									
3/17/2020									
3/18/2020					12				
9/9/2020	3.9	2.8	0.81	2.3			26		
9/10/2020								3.4	3.9
9/11/2020									
9/14/2020									
9/15/2020					6.6				
9/16/2020						14			
3/15/2021	4.6	3	0.82				21	3.2	
3/16/2021									
3/17/2021					8.5				
3/18/2021				3.1		17			3.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-6	GWC-25	GWC-5	GWC-12	GWC-11	GWC-8
3/22/2016									
3/23/2016									
3/24/2016	3.27	1.72	1.97						
3/28/2016				10.8	12.3	23.9			
3/29/2016							32.6	15	27.2
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	2.82		1.97			26.3			
5/24/2016				13					30.8
5/25/2016		1.68			7.2		38.3	18.5	
5/26/2016									
7/21/2016	2.6		1.7	12		21			
7/22/2016							32		
7/25/2016								14	
7/26/2016		1.4							24
7/27/2016					5.4				
9/14/2016									
9/15/2016	2.9		1.9	16		20	33		
9/16/2016									
9/19/2016		1.5			8.4			18	30
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016		1.8							
11/15/2016	2.5		1.8		10	20			
11/16/2016				14			34	15	30
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			29
1/31/2017							40	8	
2/1/2017									
2/2/2017									
2/3/2017									
3/16/2017		1.7							
3/17/2017									
3/22/2017	2.7		1.8	12		17			
3/23/2017					13		37	9.3	33
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	3.1	1.6							
5/2/2017			2.1	12	41	38		14	

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-26	GWC-35	GWC-6	GWC-25	GWC-5	GWC-12	GWC-11	GWC-8
5/3/2017							41		28
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
10/3/2017	3.2		2.1	14		27			
10/4/2017		1.8					40	16	
10/5/2017					11				28
10/6/2017									
1/19/2018									
1/22/2018		1.9							
1/23/2018	3		2.2	14		31			
1/24/2018							38	12	25
1/25/2018					12				
1/26/2018									
6/19/2018			2						
6/20/2018	3.2							13	
6/21/2018									29
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				34
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									22
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				29
6/26/2019	2.8		2	12		39	43	11	
6/27/2019									
9/9/2019									
9/10/2019									30
9/11/2019	3.3				6		42		
9/12/2019		1.8	1.9	16		31			
9/16/2019								14	
9/17/2019									
3/10/2020									
3/11/2020	2.6		1.8						
3/12/2020					8.9				19
3/13/2020		2.3							

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-23	GWC-9	GWC-7	GWC-17	GWC-16	GWC-18	GWC-31	GWC-24
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	3.91	3.32	12.6	70.8					
3/30/2016					8.15	6.72	6.88	11.3	1.01
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016			14.9	63.2					
5/25/2016	4.06	3.4			8.68	7.09		12.9	0.69
5/26/2016							6.42		
7/21/2016									
7/22/2016				56					
7/25/2016			23				5.3		
7/26/2016	3.7								
7/27/2016		2.9			7.9	6.4		12	0.4
9/14/2016									
9/15/2016	3.7			60					
9/16/2016						6.7			1.3
9/19/2016			25		7.8		5.4		
9/20/2016		3.3							
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016			28	59					
11/17/2016	3.5				7.5	6.3	5.5		
11/18/2016		2.9							1.3
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017								8.3	
1/26/2017				61					
1/31/2017	4.1		18						
2/1/2017					8.7	6.8	7.3		
2/2/2017									
2/3/2017		3.3							1.2
3/16/2017									
3/17/2017									
3/22/2017				56					
3/23/2017	3.9		19					10	
3/24/2017					7.5	6.3	6.4		
3/28/2017		3.1							
3/29/2017									1.3
4/27/2017									
4/28/2017									
5/1/2017									
5/2/2017			18	59				9.8	

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-23	GWC-9	GWC-7	GWC-17	GWC-16	GWC-18	GWC-31	GWC-24
3/16/2020			8.9						
3/17/2020					8.5	7.4	7.6	10	
3/18/2020		4							
9/9/2020									
9/10/2020	4.6	3.7							
9/11/2020			14			6.9		11	
9/14/2020				43	6.6		7.3		
9/15/2020									0.15 (J)
9/16/2020									
3/15/2021									
3/16/2021			11	47	7.9		7.8	9.7	
3/17/2021	4.4					7.3			
3/18/2021		3.5							0.18 (J)

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-21	GWC-19	GWC-10	GWC-15	GWC-14	GWC-20	GWA-3 (bg)	GWC-22
3/16/2020				14				
3/17/2020			15		40			
3/18/2020	7.3	11				8.9		11
9/9/2020							12	
9/10/2020			29	7.8	39			10
9/11/2020								
9/14/2020								
9/15/2020	6.4	5.7				8.1		
9/16/2020								
3/15/2021							16	11
3/16/2021	6					8.9		
3/17/2021		9.6			38			
3/18/2021			19	12				

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-30	GWC-33	GWC-27	GWC-32
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	4.7			0.96 (J)	
10/4/2017			1.7			1.2			
10/5/2017							2.1		
10/6/2017									1.1
1/19/2018	1	1.1	1.6		4.3			0.91 (J)	
1/22/2018				15					
1/23/2018							2		<1
1/24/2018						1.1			
1/25/2018									
1/26/2018									
6/19/2018	1.2	1.2	1.7	12	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	1.7	17	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			1.8	11	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						1.2	2.2		0.98 (J)
1/31/2019									
6/24/2019			1.7	11	6.1				
6/25/2019	24	1.3							
6/26/2019							2.2	1.1	
6/27/2019						1.4			1.1
9/9/2019			1.9						
9/10/2019	1.3	1.3		17	5.1	1.3			
9/11/2019									
9/12/2019							2.1	0.88 (J)	0.99 (J)
9/16/2019									
9/17/2019									
3/10/2020	1.1	1.4	2	10	3.9				
3/11/2020						1.5			
3/12/2020							2.4	1.3	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-30	GWC-33	GWC-27	GWC-32
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020									1.4
9/9/2020	1.2	1.3	2	13				1.1	
9/10/2020					5.1	1.4			
9/11/2020									
9/14/2020									
9/15/2020									1.1
9/16/2020							2.2		
3/15/2021	1.2	1.2	2.2	6.7	4				
3/16/2021									
3/17/2021									1.2
3/18/2021						1.4	2.2	1.2	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-35	GWC-34	GWC-6	GWC-25	GWC-5	GWC-23	GWC-13	GWC-9
3/22/2016									
3/23/2016									
3/24/2016	2.8217	4.4998	1.2259						
3/28/2016				5.312	5.992	9.818			
3/29/2016							1.9463	1.3057	7.395
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					16.4
5/25/2016	2.93						1.96	1.27	
5/26/2016					8.14				
7/21/2016		4.4	1.3	6.6		11			
7/22/2016									
7/25/2016									55
7/26/2016	3							1.4	
7/27/2016					6.3		2.1		
9/14/2016									
9/15/2016		4	1.2	6.1		10		1.3	
9/16/2016									
9/19/2016	2.9				5.1				73
9/20/2016							1.9		
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016	2.8								
11/15/2016		4.2	1.2		3.9	11			
11/16/2016				6.2					83
11/17/2016								1.2	
11/18/2016							1.8		
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			
1/31/2017								1.2	17
2/1/2017									
2/2/2017									
2/3/2017							1.9		
3/16/2017	2.7								
3/17/2017									
3/22/2017		3.9	1.1	5.2		8.7			
3/23/2017					3.2			1.2	8.2
3/24/2017									
3/28/2017							1.8		
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	2.8		1.1						
5/2/2017		4		5.1	3.5	13			11

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-35	GWC-34	GWC-6	GWC-25	GWC-5	GWC-23	GWC-13	GWC-9
5/3/2017								1.1	
5/4/2017							1.8		
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								
10/5/2017					3.5		1.8	1.1	
10/6/2017									
1/19/2018									
1/22/2018	2.6								
1/23/2018		3.5	0.95 (J)	5.1		13			
1/24/2018									5.6
1/25/2018					3.6		1.6	1	
1/26/2018									
6/19/2018		3.4							
6/20/2018			1.1				1.9	1.2	
6/21/2018									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				19
9/27/2018	3								
9/28/2018									
10/1/2018		3.6					1.9		
10/2/2018			1.1					1.3	
10/3/2018						17			
1/17/2019									
1/18/2019									
1/21/2019		3.5							
1/22/2019								1.2	2.3
1/24/2019	3.1				8.7				
1/25/2019							2		
1/28/2019			1.3						
1/30/2019				5.3		15			
1/31/2019									
6/24/2019									
6/25/2019	3				9			1.3	7.7
6/26/2019		3.4	1.2	6		10	2		
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019			1.1		7.9				
9/12/2019	2.3	3.2		7.7		13	1.9	1	
9/16/2019									29
9/17/2019									
3/10/2020									
3/11/2020		3.5	1.4						
3/12/2020					6.9			1.3	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-26	GWC-35	GWC-34	GWC-6	GWC-25	GWC-5	GWC-23	GWC-13	GWC-9
3/13/2020	3.1								
3/16/2020				9.7		9.5			2.3
3/17/2020									
3/18/2020							2.1		
9/9/2020						10			
9/10/2020							2.1	1.4	
9/11/2020		3.9	1.2	8.1					17
9/14/2020					8.2				
9/15/2020	3.1								
9/16/2020									
3/15/2021									
3/16/2021		4.2	1.1						3.3
3/17/2021	3			7.8	5.9	9.7		1.4	
3/18/2021							2		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-12	GWC-8	GWC-14	GWC-15	GWC-16	GWC-31	GWC-24	GWC-21
5/3/2017		18	6.1	49	5.1	1.3			
5/4/2017								3.2	3.4
7/18/2017									
7/19/2017							1.6		
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017									
10/4/2017	3.5	18		160	4.2				
10/5/2017			6.4			1.3		3.3	
10/6/2017							1.7		3.2
1/19/2018									
1/22/2018									
1/23/2018							1.4		
1/24/2018	2.3	19	3.5						
1/25/2018				52	6.5	1.2		3.1	
1/26/2018									3.3
6/19/2018									
6/20/2018	3.1			150	3.4	1.3			3.5
6/21/2018			4.5						
6/25/2018									
6/26/2018		20							
6/27/2018							1.5	3.8	
9/25/2018									
9/26/2018			5.4						
9/27/2018	3.3								3.1
9/28/2018		21						3.8	
10/1/2018				74	4.3	1.4			
10/2/2018									
10/3/2018							1.7		
1/17/2019									
1/18/2019									
1/21/2019									
1/22/2019			2.8	80	9.1				
1/24/2019	0.94 (J)								4.1
1/25/2019		23				1.5			
1/28/2019									
1/30/2019									
1/31/2019							1.3	4.1	
6/24/2019									
6/25/2019			3.9	82	5.8	1.5			3.5
6/26/2019	3.2	21					1.5	4.4	
6/27/2019									
9/9/2019									
9/10/2019			6						
9/11/2019		23				1.6		4.2	2.9
9/12/2019				190					
9/16/2019	3.1								
9/17/2019					2.8				
3/10/2020									
3/11/2020									
3/12/2020			2.9					4.2	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-11	GWC-12	GWC-8	GWC-14	GWC-15	GWC-16	GWC-31	GWC-24	GWC-21
3/13/2020									
3/16/2020	0.81 (J)				9.5				
3/17/2020				120		1.9	1.6		
3/18/2020		22							3.8
9/9/2020									
9/10/2020	4.2	25		140	3.7				
9/11/2020						1.7	1.7		
9/14/2020			5.5						
9/15/2020								4.9	3.2
9/16/2020									
3/15/2021									
3/16/2021		27	3.7				1.4		3.5
3/17/2021	2.8			140		1.6			
3/18/2021					6.3			4.4	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-10	GWC-18	GWC-19	GWC-17	GWC-22	GWA-3 (bg)	GWC-7
3/13/2020								
3/16/2020								
3/17/2020		3.7	1.9		1.3			
3/18/2020	2.1			2.5		1.8		
9/9/2020							34	
9/10/2020		4.6				1.6		
9/11/2020								
9/14/2020			1.8		1.3			12
9/15/2020	2			1.4				
9/16/2020								
3/15/2021						1.5	49	
3/16/2021	2		1.8		1.2			13
3/17/2021				2.2				
3/18/2021		3.2						

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-32	GWC-30	GWC-33	GWC-27
3/22/2016	2.2163	1.4375							
3/23/2016			0.019 (J)	0.0713 (J)	0.0276 (J)	2.1209	0.0999 (J)	2.8158	0.4759
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	<0.1			0.11 (J)		
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	2.6	1.6		<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									
3/16/2017		1.7	<0.1	<0.1					0.32
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	2.5	1.4		<0.1					
4/28/2017			<0.1		<0.1				0.83
5/1/2017							0.092 (J)	4.2	
5/2/2017						3.5			

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-32	GWC-30	GWC-33	GWC-27
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	2.3	1.7		<0.1	<0.1				0.18 (J)
10/4/2017			<0.1				0.091 (J)		
10/5/2017								3.9	
10/6/2017						3.5			
1/19/2018	2.1	1.4	<0.1		<0.1				0.6
1/22/2018				<0.1					
1/23/2018						3.1		3.4	
1/24/2018							<0.1		
1/25/2018									
1/26/2018									
6/19/2018	2.3	1.6	<0.1	0.084 (J)	<0.1				
6/20/2018									
6/21/2018							<0.1		
6/25/2018									
6/26/2018						2.6		2.1	
6/27/2018									0.73
9/25/2018	2.3	1.7	<0.1	<0.1	<0.1				
9/26/2018									
9/27/2018									0.91
9/28/2018									
10/1/2018									
10/2/2018						2.4		2.1	
10/3/2018							0.13 (J)		
1/17/2019			<0.1	0.06 (J)	<0.1				
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	0.1 (J)	2.3	
1/31/2019									
6/24/2019			0.031 (J)	0.08 (J)	0.032 (J)				
6/25/2019	0.034 (J)	1.9							
6/26/2019								2.4	0.85
6/27/2019						2	0.073 (J)		
9/9/2019			<0.1						
9/10/2019	2.6	1.8		0.091 (J)	<0.1		0.1 (J)		
9/11/2019									
9/12/2019						2.8		2.4	0.18
9/16/2019									
9/17/2019									
3/10/2020	1.7	2	<0.1	0.056 (J)	<0.1				
3/11/2020							0.066 (J)		
3/12/2020								2.1	0.044 (J)

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-32	GWC-30	GWC-33	GWC-27
3/13/2020									
3/16/2020									
3/17/2020									
3/18/2020						2.8			
9/9/2020	1.9	1.8	<0.1	0.06 (J)					0.8
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	1.7	1.3	0.036 (J)	0.046 (J)	<0.1				
3/16/2021									
3/17/2021						2.3			
3/18/2021							0.072 (J)	2.1	0.72

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM 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-11	GWC-8	GWC-23
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							0.1377 (J)	0.0698 (J)	0.0308 (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)			0.072 (J)	
5/25/2016		0.0282 (J)					0.1521 (J)		0.0285 (J)
5/26/2016				0.034 (J)					
7/21/2016	0.19 (J)		<0.1		0.088 (J)	0.11 (J)			
7/22/2016									
7/25/2016							0.21		
7/26/2016		<0.1						0.092 (J)	
7/27/2016				<0.1					<0.1
9/14/2016									
9/15/2016	0.16 (J)		<0.1		0.084 (J)	0.084 (J)			
9/16/2016									
9/19/2016		<0.1		<0.1			0.15 (J)	<0.1	
9/20/2016									<0.1
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		0.14 (J)	<0.1	
11/17/2016									
11/18/2016									<0.1
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		<0.1	
1/31/2017							<0.1		
2/1/2017									
2/2/2017									
2/3/2017									<0.1
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			0.097 (J)	<0.1	
3/24/2017									
3/28/2017									<0.1
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	0.16 (J)	<0.1							
5/2/2017			<0.1	<0.1	<0.1	0.1 (J)	0.11 (J)		

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM 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-11	GWC-8	GWC-23
5/3/2017								<0.1	
5/4/2017									<0.1
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					0.16 (J)		
10/5/2017				<0.1				0.085 (J)	<0.1
10/6/2017									
1/19/2018									
1/22/2018		<0.1							
1/23/2018	0.13 (J)		<0.1		<0.1	0.085 (J)			
1/24/2018							0.11 (J)	<0.1	
1/25/2018				<0.1					<0.1
1/26/2018									
6/19/2018			<0.1						
6/20/2018	0.18 (J)						0.13 (J)		<0.1
6/21/2018								<0.1	
6/25/2018					<0.1	0.097 (J)			
6/26/2018									
6/27/2018		<0.1		<0.1					
9/25/2018					<0.1				
9/26/2018				<0.1				<0.1	
9/27/2018		<0.1					0.12 (J)		
9/28/2018									
10/1/2018			<0.1						<0.1
10/2/2018	0.18 (J)								
10/3/2018						0.13 (J)			
1/17/2019									
1/18/2019									
1/21/2019			0.031 (J)						
1/22/2019								0.062 (J)	
1/24/2019		<0.1		<0.1			0.076 (J)		
1/25/2019									<0.1
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)				0.055 (J)	
6/26/2019	0.11 (J)		0.045 (J)		0.059 (J)	0.081 (J)	0.096 (J)		0.042 (J)
6/27/2019									
9/9/2019									
9/10/2019								0.1 (J)	
9/11/2019	0.15			0.039 (J)					
9/12/2019		<0.1	0.038 (J)		0.076 (J)	0.078 (J)			0.033 (J)
9/16/2019							0.12 (J)		
9/17/2019									
3/10/2020									
3/11/2020	0.18 (J)		0.035 (J)						
3/12/2020				0.032 (J)				0.043 (J)	

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-12	GWC-9	GWC-13	GWC-31	GWC-21	GWC-10	GWC-18	GWC-17
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	0.2179 (J)	0.1936 (J)	0.0671 (J)	0.1084 (J)					
3/30/2016					1.5245	0.0137 (J)	1.2013	0.0362 (J)	0.0422 (J)
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	0.216 (J)		0.06 (J)						
5/25/2016		0.1797 (J)		0.1002 (J)	1.65		1.34		0.045 (J)
5/26/2016						0.014 (J)		0.038 (J)	
7/21/2016									
7/22/2016	0.23	0.22							
7/25/2016			0.096 (J)					<0.1	
7/26/2016				0.12 (J)		<0.1			
7/27/2016							1.5		<0.1
9/14/2016									
9/15/2016	0.22	0.18 (J)		0.1 (J)					
9/16/2016							1.3		
9/19/2016			<0.1					<0.1	<0.1
9/20/2016						<0.1			
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016	0.22	0.16 (J)	<0.1						
11/17/2016				0.092 (J)		<0.1	0.76	<0.1	<0.1
11/18/2016									
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017					1.4				
1/26/2017	0.23								
1/31/2017		0.19 (J)	<0.1	0.11 (J)					
2/1/2017							1.3	<0.1	<0.1
2/2/2017						<0.1			
2/3/2017									
3/16/2017									
3/17/2017									
3/22/2017	0.2								
3/23/2017		0.17 (J)	0.12 (J)	0.088 (J)					
3/24/2017							1.3	<0.1	<0.1
3/28/2017						<0.1			
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017									
5/2/2017	0.21		<0.1						

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-12	GWC-9	GWC-13	GWC-31	GWC-21	GWC-10	GWC-18	GWC-17
5/3/2017		0.19 (J)		0.098 (J)			1.1	<0.1	<0.1
5/4/2017						<0.1			
7/18/2017									
7/19/2017					1.6				
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	0.23		<0.1						
10/4/2017		0.2					1.2		<0.1
10/5/2017				0.1 (J)				<0.1	
10/6/2017					1.6	<0.1			
1/19/2018									
1/22/2018									
1/23/2018	0.17 (J)				1.5				
1/24/2018		0.16 (J)	<0.1						
1/25/2018				0.1 (J)			0.75	<0.1	<0.1
1/26/2018						<0.1			
6/19/2018									
6/20/2018				0.11 (J)		<0.1			
6/21/2018			<0.1				0.76	<0.1	
6/25/2018	0.25								
6/26/2018		0.18 (J)							<0.1
6/27/2018					1.6				
9/25/2018									
9/26/2018			0.082 (J)						
9/27/2018						<0.1	0.59		
9/28/2018		0.2						<0.1	
10/1/2018									
10/2/2018	0.25			0.13 (J)					<0.1
10/3/2018					1.7				
1/17/2019									
1/18/2019									
1/21/2019	0.22								
1/22/2019			0.065 (J)	0.1 (J)					
1/24/2019						<0.1			<0.1
1/25/2019		0.21							
1/28/2019								<0.1	
1/30/2019									
1/31/2019					1.3		0.78		
6/24/2019									
6/25/2019	0.21		0.066 (J)	0.084 (J)		0.032 (J)			0.051 (J)
6/26/2019		0.16 (J)			1.3		0.68		
6/27/2019								0.046 (J)	
9/9/2019									
9/10/2019	0.28								
9/11/2019		0.17				<0.1		0.036 (J)	0.043 (J)
9/12/2019				0.065 (J)					
9/16/2019			0.062 (J)						
9/17/2019							0.29		
3/10/2020									
3/11/2020									
3/12/2020	0.16			0.044 (J)					

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-7	GWC-12	GWC-9	GWC-13	GWC-31	GWC-21	GWC-10	GWC-18	GWC-17
3/13/2020									
3/16/2020			0.08 (J)						
3/17/2020					1.2		0.74	<0.1	<0.1
3/18/2020		0.058 (J)				0.034 (J)			
9/9/2020									
9/10/2020		0.16		0.1			0.81		
9/11/2020			0.082 (J)		1.5				
9/14/2020	0.19							0.033 (J)	0.056 (J)
9/15/2020						<0.1			
9/16/2020									
3/15/2021									
3/16/2021	0.21	0.14	0.043 (J)		1.3	<0.1		0.029 (J)	0.034 (J)
3/17/2021				0.1					
3/18/2021							1.1		

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-16	GWC-19	GWC-20	GWC-14	GWC-24	GWA-3 (bg)	GWC-22
5/3/2017	<0.1	<0.1	<0.1		<0.1			<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			
10/5/2017		<0.1	<0.1			<0.1		<0.1
10/6/2017				<0.1				
1/19/2018								
1/22/2018								
1/23/2018								
1/24/2018								
1/25/2018	<0.1	<0.1	<0.1		<0.1	<0.1		<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			<0.1	<0.1				
6/25/2018								
6/26/2018								
6/27/2018						<0.1		
9/25/2018								
9/26/2018								
9/27/2018			<0.1	<0.1				
9/28/2018						<0.1		
10/1/2018	0.1 (J)	<0.1			0.083 (J)			<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	<0.1				
1/30/2019								
1/31/2019						<0.1		
6/24/2019								
6/25/2019	0.068 (J)	0.052 (J)		0.049 (J)	0.054 (J)		0.03 (J)	0.052 (J)
6/26/2019			0.046 (J)			0.04 (J)		
6/27/2019								
9/9/2019								
9/10/2019								<0.1
9/11/2019		0.038 (J)		0.039 (J)		<0.1	0.033 (J)	
9/12/2019			0.031 (J)		<0.1			
9/16/2019								
9/17/2019	0.071 (J)							
3/10/2020							0.035 (J)	
3/11/2020								
3/12/2020						<0.1		

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/3/2021 6:15 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-16	GWC-19	GWC-20	GWC-14	GWC-24	GWA-3 (bg)	GWC-22
3/13/2020								
3/16/2020	0.07 (J)							
3/17/2020		<0.1			0.046 (J)			
3/18/2020			0.068 (J)	0.048 (J)				0.056 (J)
9/9/2020							0.032 (J)	
9/10/2020	0.08 (J)				0.038 (J)			0.043 (J)
9/11/2020		0.04 (J)						
9/14/2020								
9/15/2020			<0.1	0.033 (J)		<0.1		
9/16/2020								
3/15/2021							0.027 (J)	0.045 (J)
3/16/2021				0.031 (J)				
3/17/2021		0.031 (J)	<0.1		0.036 (J)			
3/18/2021	0.073 (J)					<0.1		

FIGURE J.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:21 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chloride, Total (mg/L)	GWA-3 (bg)	6.444	35	34	Yes	11	9.091	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-28 (bg)	-0.07982	-85	-74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-3 (bg)	-0.277	-53	-34	Yes	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.707	120	68	Yes	18	0	n/a	n/a	0.01	NP

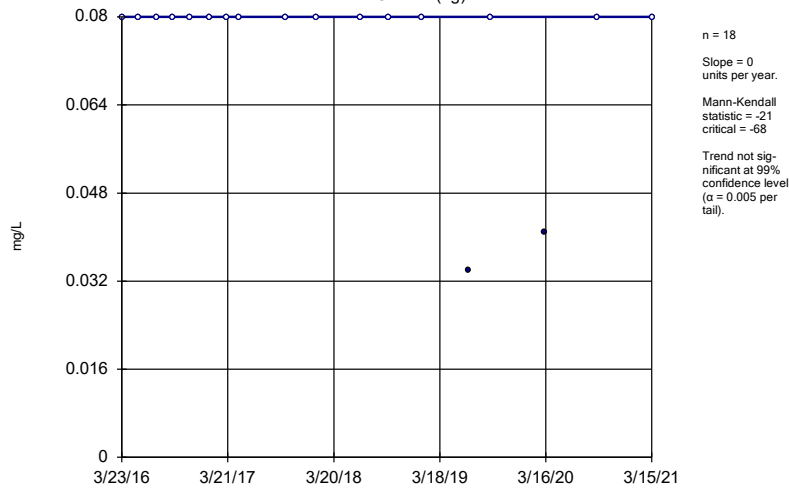
Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 5/3/2021, 6:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	GWA-1 (bg)	0	-21	-68	No	18	88.89	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-2 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-28 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-29 (bg)	0	6	63	No	17	94.12	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-3 (bg)	0	0	38	No	12	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-4 (bg)	0	0	68	No	18	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-14	0.1363	57	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	0	14	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	0.1601	28	68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-28 (bg)	0	-33	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-29 (bg)	-0.05984	-47	-63	No	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3 (bg)	6.444	35	34	Yes	11	9.091	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4 (bg)	-1.159	-41	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-14	15.41	58	68	No	18	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-1 (bg)	0.01308	11	74	No	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-2 (bg)	-0.03277	-37	-68	No	18	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-28 (bg)	-0.07982	-85	-74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-29 (bg)	-0.06162	-56	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-3 (bg)	-0.277	-53	-34	Yes	11	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWA-4 (bg)	-0.05787	-52	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (S.U.)	GWC-30	0.02064	20	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-1 (bg)	0	5	68	No	18	88.89	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-2 (bg)	0.09857	38	68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-28 (bg)	0.07053	34	68	No	18	5.556	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-29 (bg)	-0.4236	-32	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-3 (bg)	-25.95	-29	-34	No	11	9.091	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-4 (bg)	0	9	68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.707	120	68	Yes	18	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

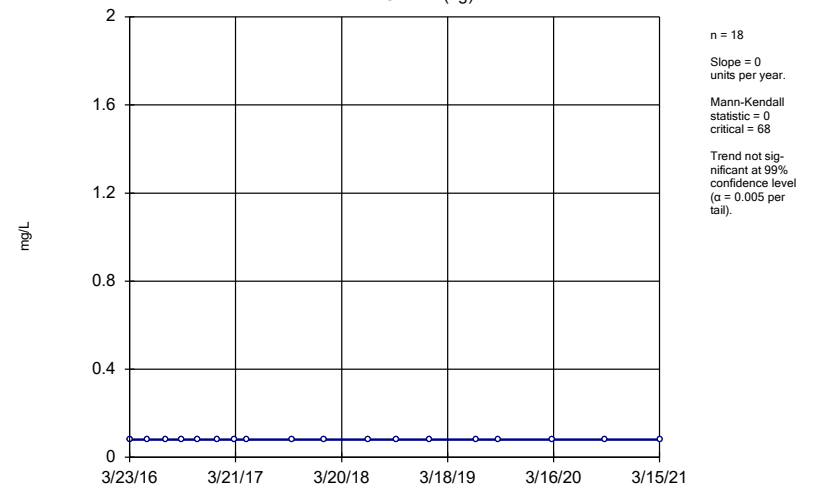
GWA-1 (bg)



Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

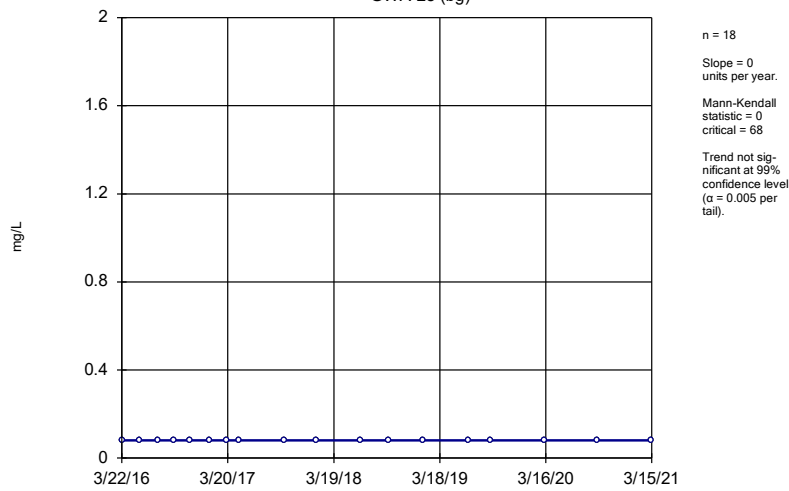
GWA-2 (bg)



Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

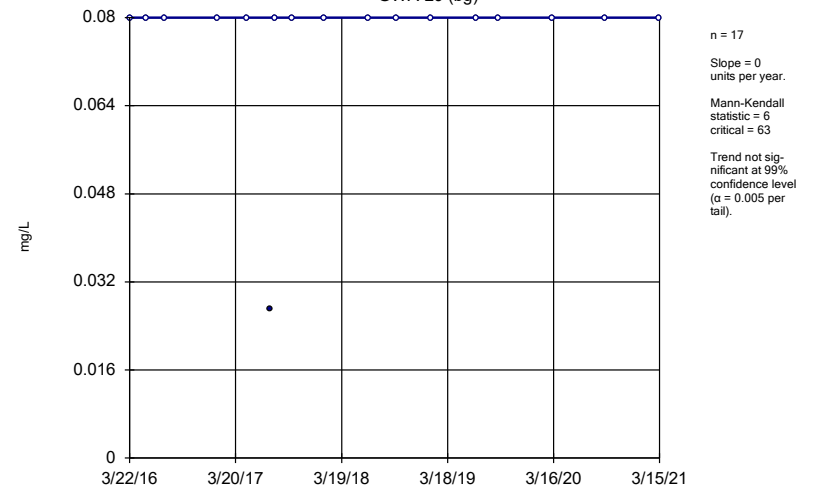
GWA-28 (bg)



Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

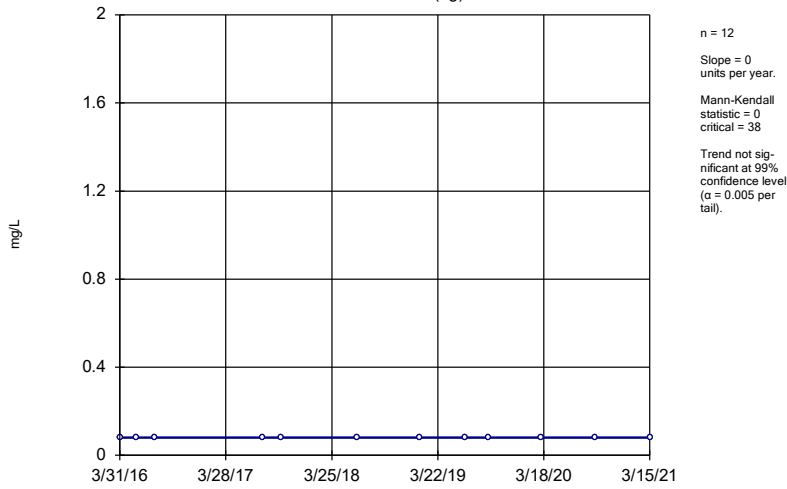
Sen's Slope Estimator

GWA-29 (bg)



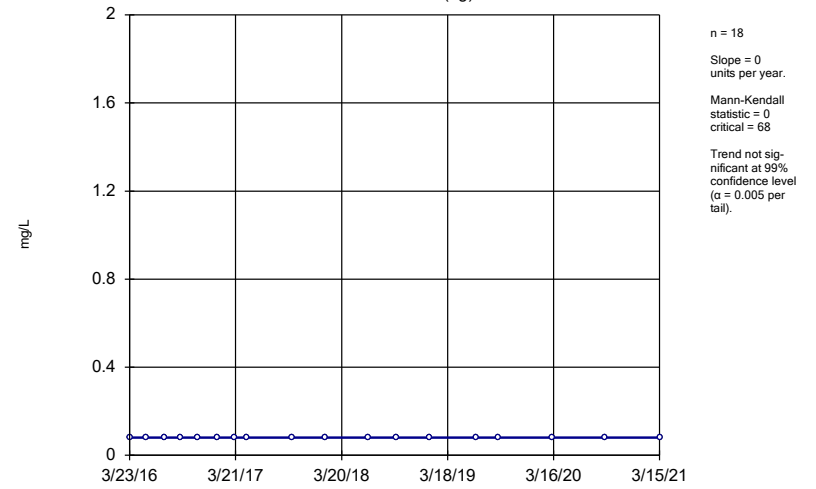
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



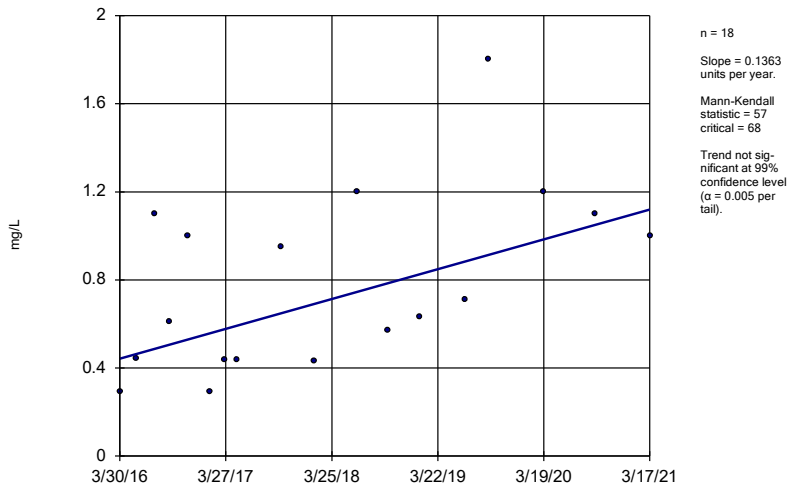
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-4 (bg)



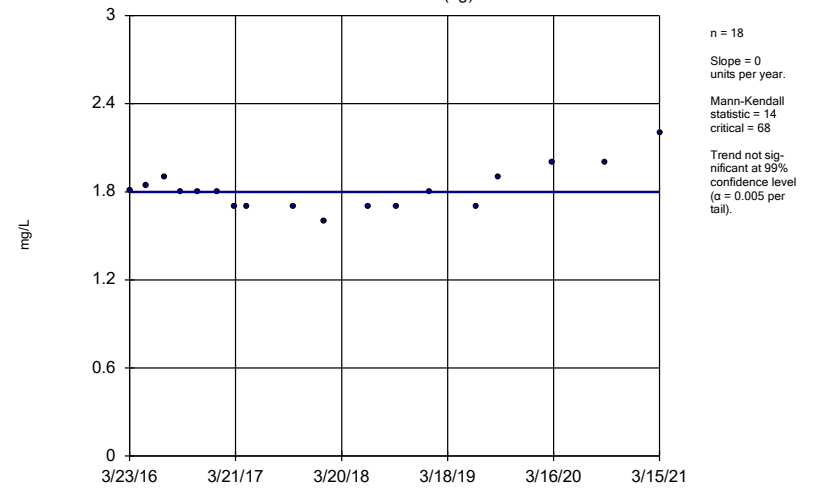
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-14



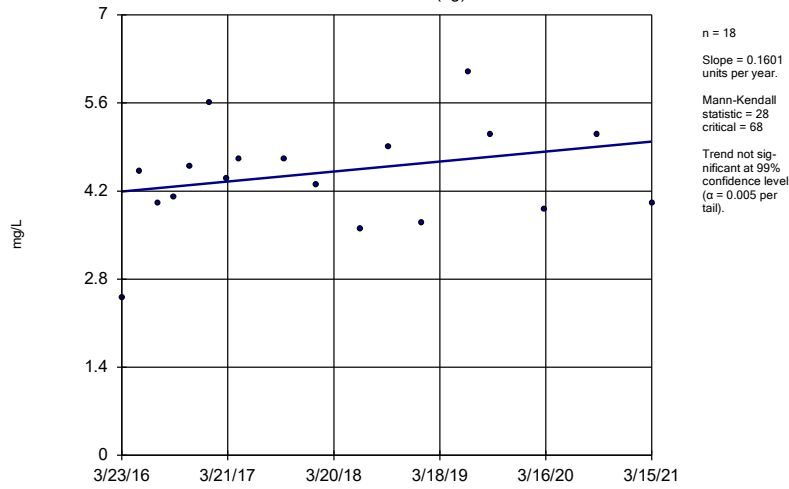
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-1 (bg)



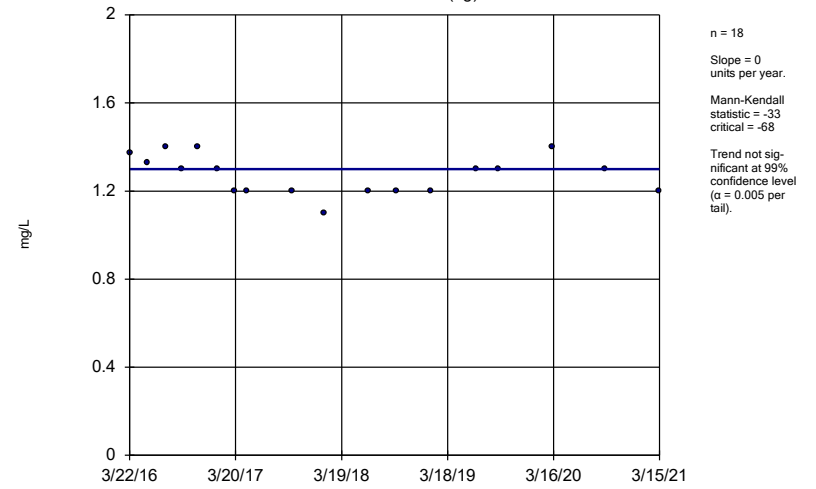
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-2 (bg)



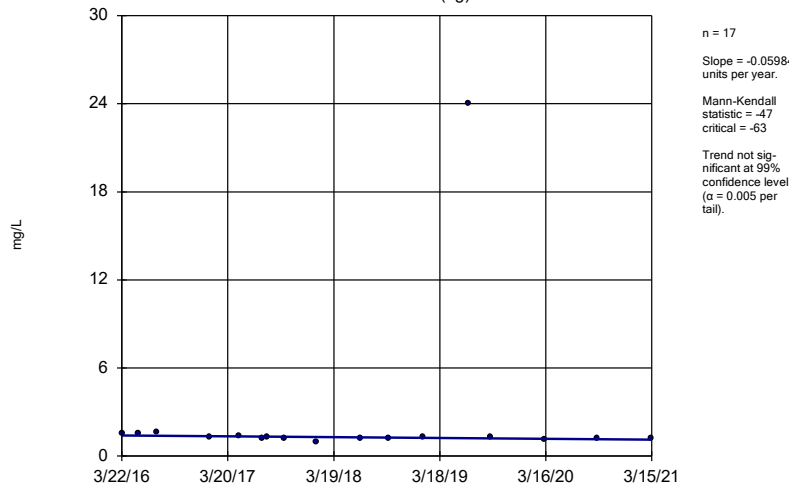
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-28 (bg)



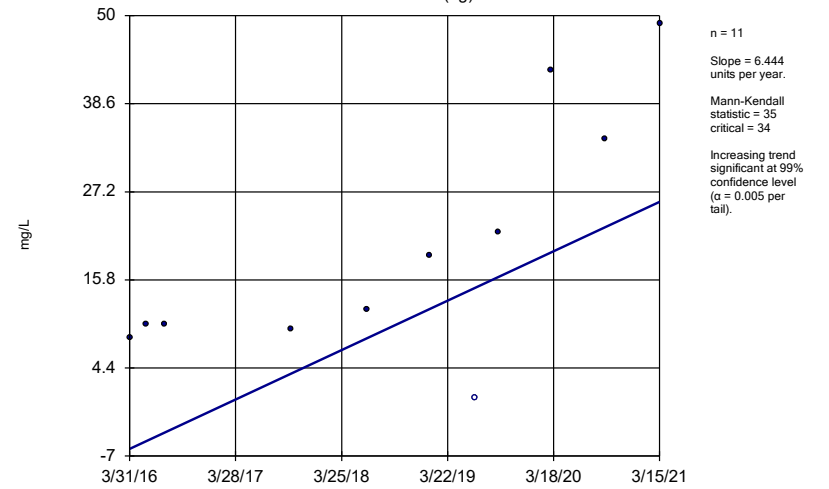
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-29 (bg)



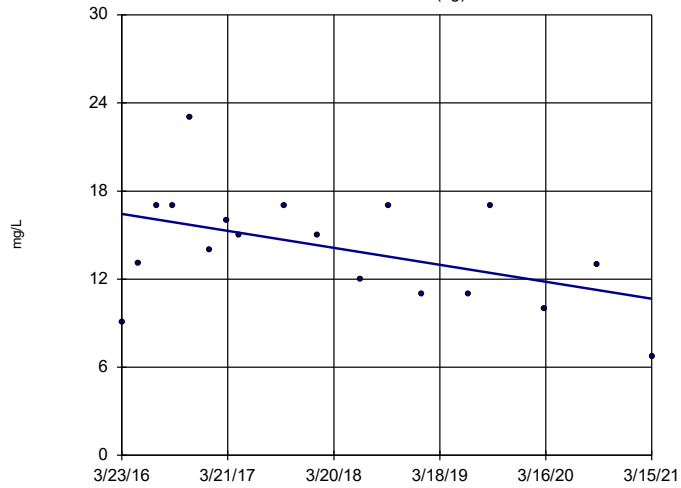
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



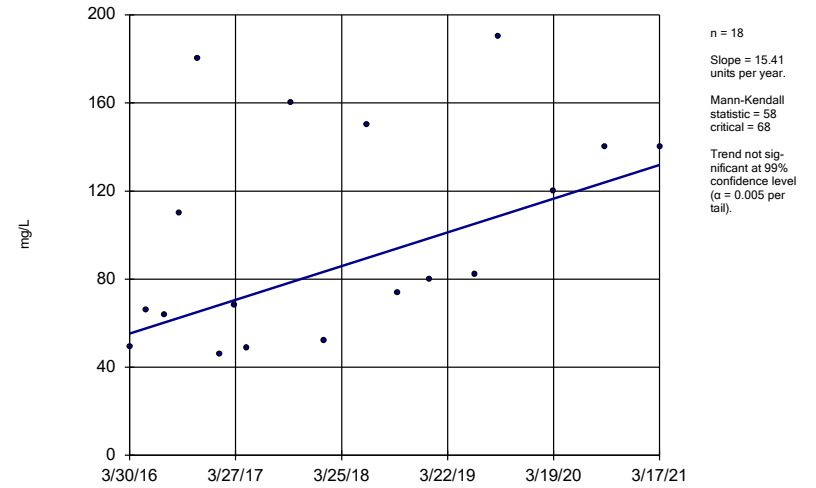
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



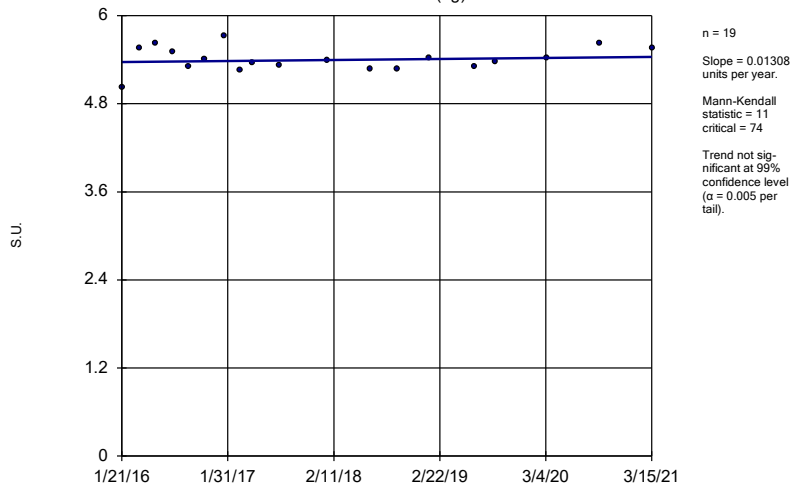
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-14



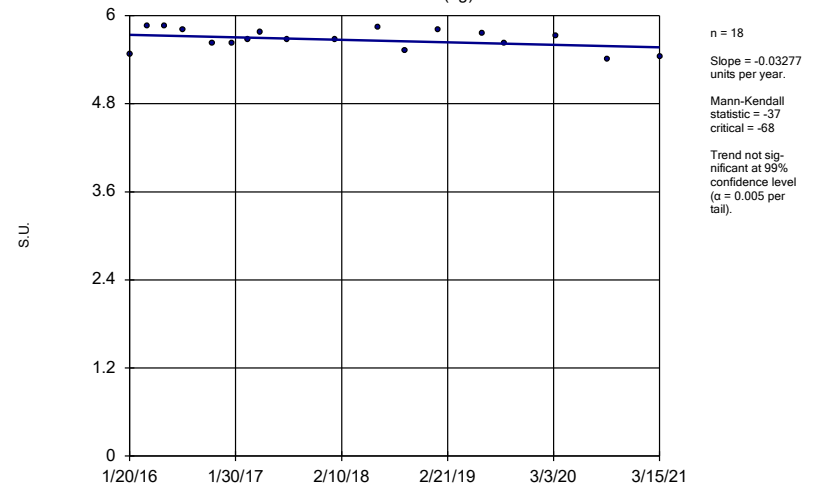
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-1 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

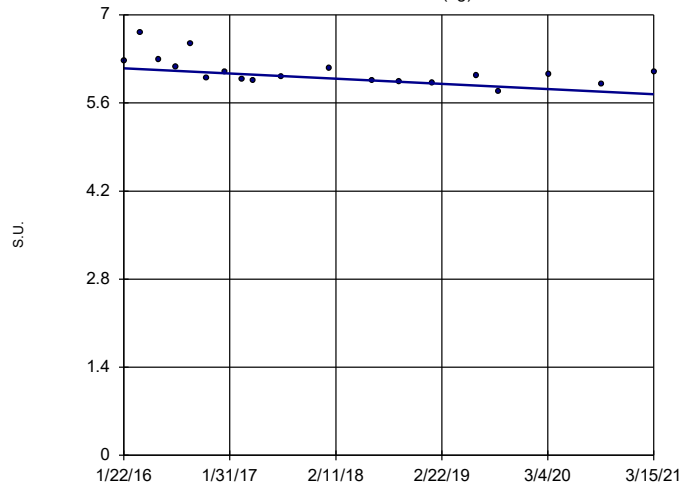
Sen's Slope Estimator GWA-2 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

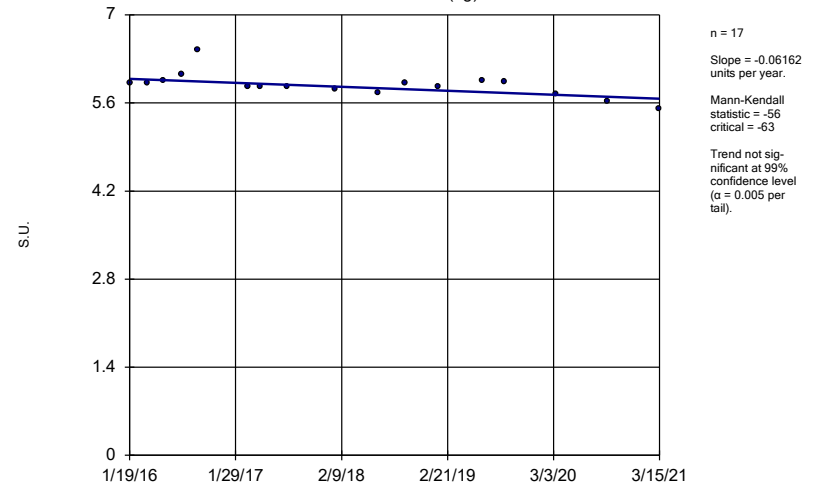
GWA-28 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

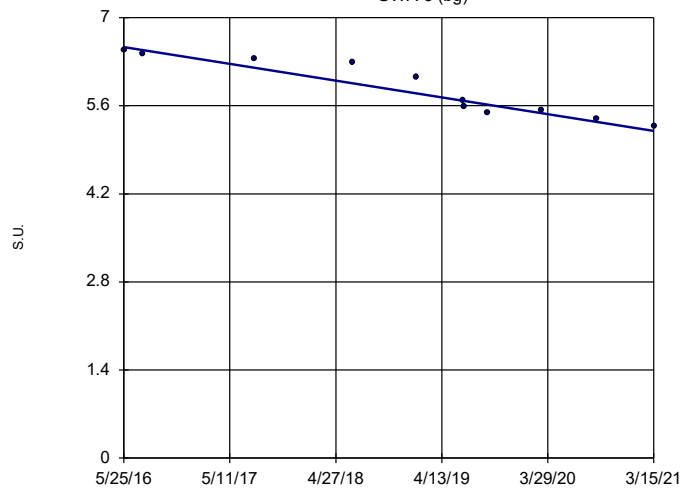
GWA-29 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

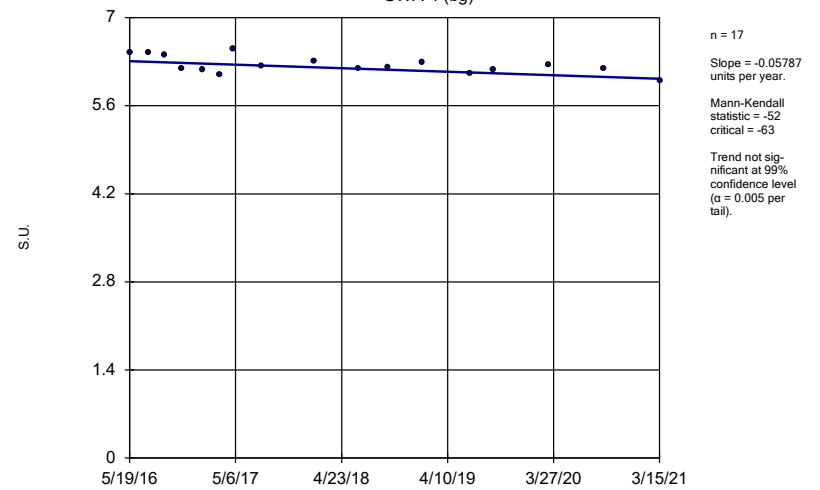
GWA-3 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

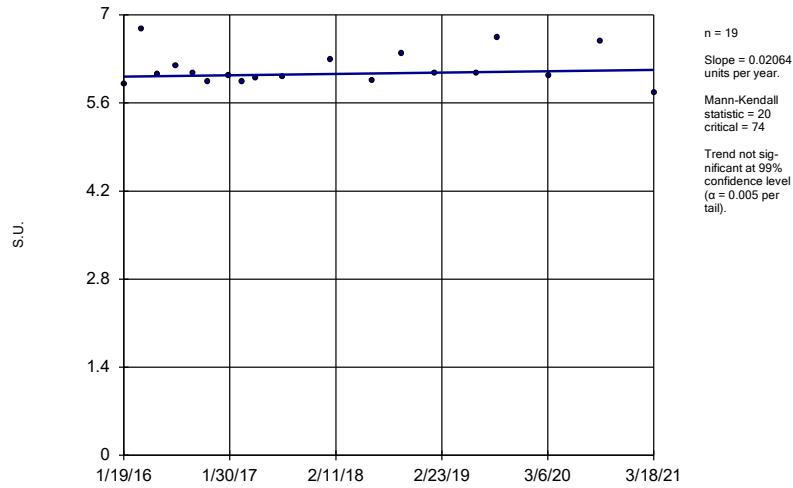
Sen's Slope Estimator

GWA-4 (bg)



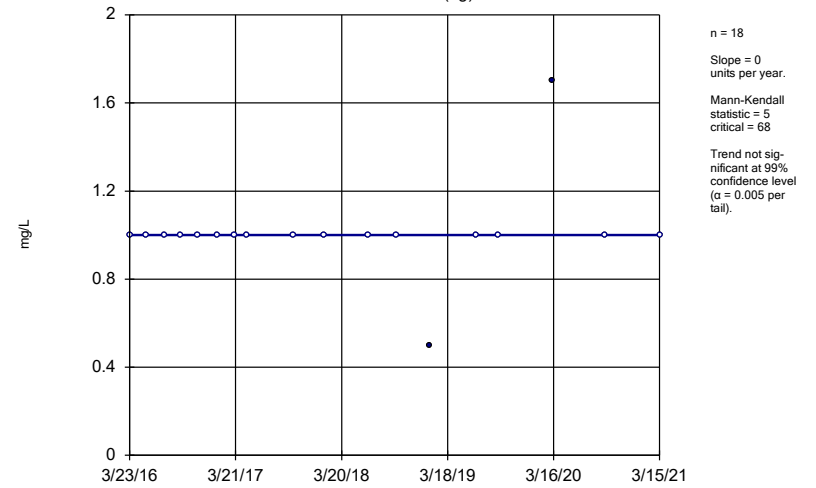
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-30



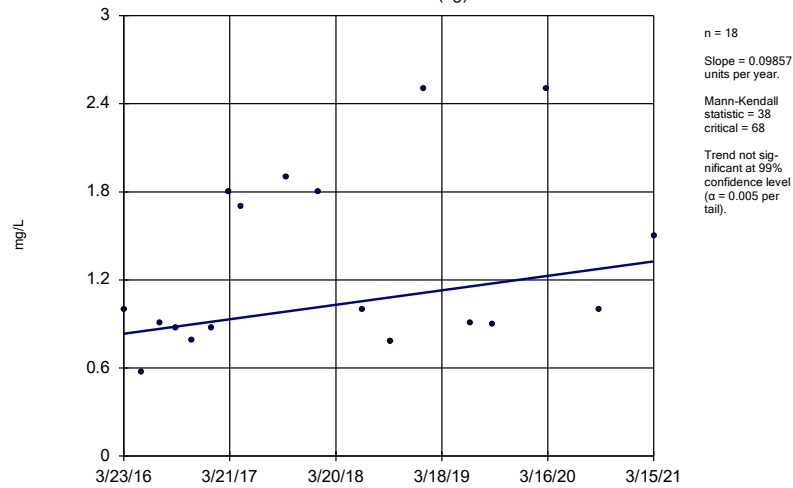
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-1 (bg)



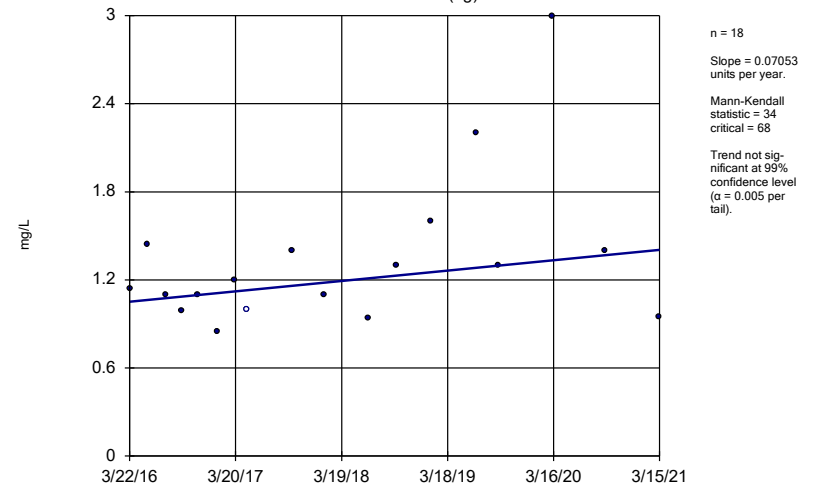
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-2 (bg)



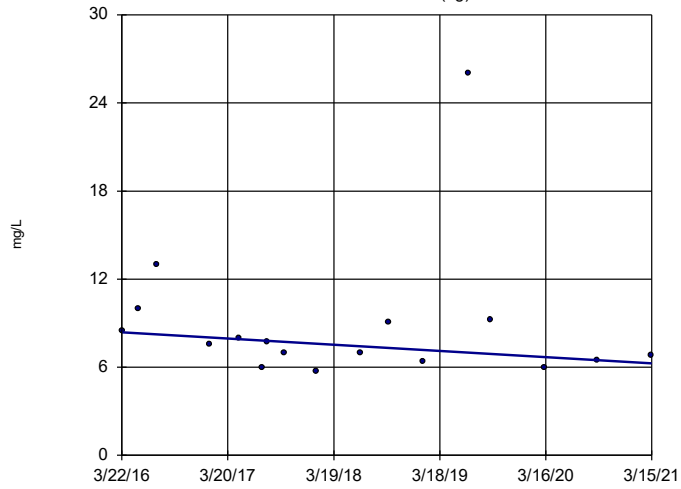
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-28 (bg)



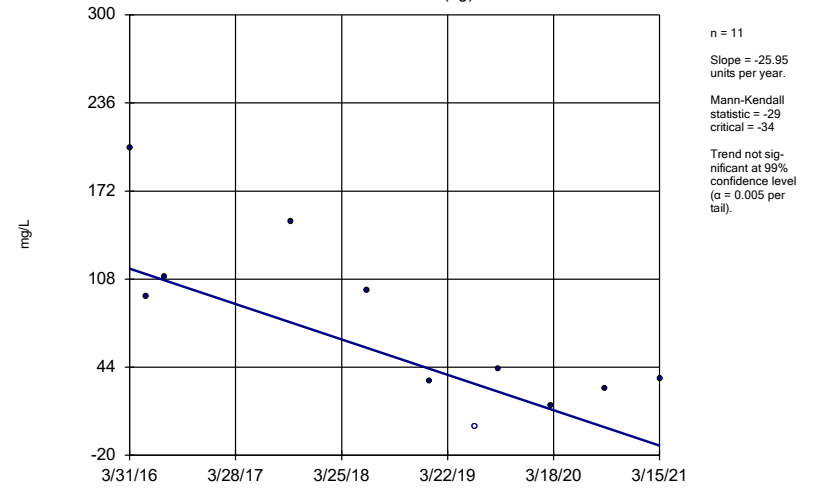
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



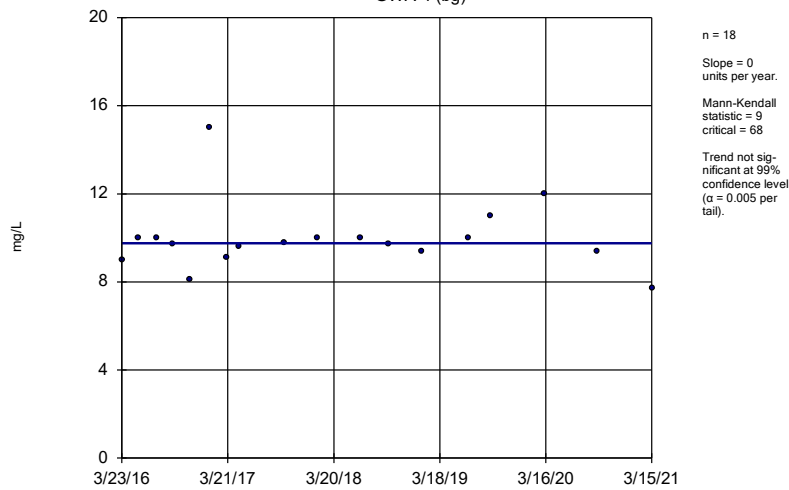
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



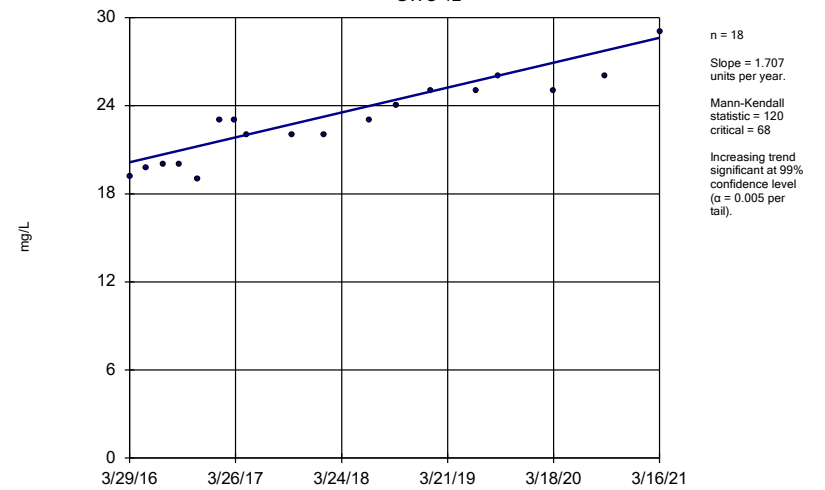
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



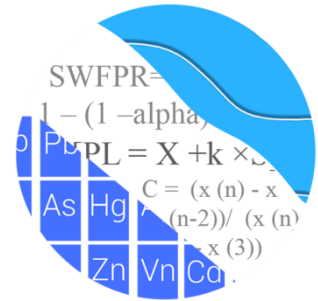
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-12



Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

GROUNDWATER STATS CONSULTING



January 31, 2022

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

Re: Plant Wansley Landfill -
August 2021 Statistical Analysis

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the August 2021 Semi-Annual Groundwater Monitoring Statistical summary of the 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. 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 August 2021 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 upgradient well GWA-3 and downgradient GWC-24 have had periods of being historically dry, they have consistently been sampled over the past few years. Additionally, sampling began at downgradient well GWC-10 in 2016. As a result, the minimum 8 samples required for intrawell prediction limits at downgradient wells GWC-10 and GWC-24 for copper, nickel, silver, vanadium, and zinc were not available at the time of the previous background update. During this analysis, however, these well/constituent pairs, along with upgradient well GWA-3, were screened through the December 2020 sample event for the purposes of updating prediction limits.

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

The following constituents were evaluated:

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

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A 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. For example, the reporting limit for zinc in well GWC-10 decreased from <0.02 mg/L to <0.005 mg/L. Substitution of the most recent reporting limit generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Additionally, the parametric prediction limits for some well/constituent pairs that contained between 15%-50% non-detects required a different transformation to fit the data set to a normal distribution due to the Kaplan-Meier non-detect adjustment discussed earlier. This also resulted in slightly different prediction limits but did not have a significant impact on the statistical analysis. No exceedances occurred from these changes.

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 to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-3 resample plan (all 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 in background, 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. 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 are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with 1-of-2 or 1-of-3 resample plans, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. The 1-of-3 plan allows collection of up to two samples. 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 resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that

an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than a result of impact to groundwater quality downgradient of the facility.

Background Screening Summary – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

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

Of the outliers identified by Tukey's method, several values were flagged in the database, and the remaining values were similar to other measurements within a given well or neighboring wells or were reported non-detects. Several other values were flagged in addition to those identified by Tukey's because the values were higher than all remaining concentrations and would cause the statistical limits to be elevated. A summary of all flagged values is included in Figure C.

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

Seasonality

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

Trend Test Analysis

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

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The required adjustments to the background data are performed by truncating data at the beginning of the record and the truncated data may be seen in a lighter font on the prediction limit data pages.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations; therefore, records required no adjustments at that time.

Exceptions to this include cobalt and nickel in downgradient well GWC-14 which have higher reported measurements than those reported historically for this well and are higher than those observed upgradient of the facility. Therefore, trend tests are currently used in lieu of prediction limits and data prior to August 2017 has been truncated. An alternate

source demonstration has been, reportedly, prepared and demonstrates that the concentration levels of these constituents are not a result of practices of the facility. During the next semi-annual background update, these data will be evaluated for the purpose of resuming the use of prediction limits.

Determination of Spatial Variation

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

The ANOVA identified statistical differences among the residual means or medians of the upgradient well data for the following constituents: barium, beryllium, cadmium, cobalt, copper, nickel, silver and zinc. No differences were noted for antimony, arsenic, chromium, mercury, selenium, thallium and vanadium. The ANOVA could not test lead as the upgradient well data had no variation.

Because this is a lined landfill with pre-waste data are available that show metals were present naturally in low level detections during the collection of background data, intrawell prediction limits were recommended as the most appropriate statistical analysis at this landfill, except for the cases discussed above. It was also noted that for some constituents the reported concentrations were higher in upgradient wells which would result in limits that would not readily detect subtle changes in concentrations in downgradient wells.

Background Update Summary – CCR Appendix III – Conducted in March 2020

Outlier Analysis

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate data through September 2019. Tukey's test was used on all wells for constituents evaluated using intrawell methods and for only upgradient wells for constituents evaluated using interwell methods. While Tukey's test identified several outliers, only the

most extreme values were flagged as such in the database because a number of the values appeared to be representative of natural variation in both upgradient and downgradient wells. Other values, not identified by Tukey's test, were identified visually and flagged as outliers in order to obtain statistical limits that are conservative (lower) from a regulatory perspective.

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.

Mann-Whitney Evaluation

For constituents requiring intrawell prediction limits (pH, sulfate and TDS), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2017 to the new compliance samples at each well through September 2019. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. Note that the record for sulfate at GWC-5 was adjusted to use the most recent 8 samples through September 2019 to construct the intrawell prediction limit at this well. All records for constituents using intrawell methods will be re-evaluated during the next background update as discussed earlier. A list of well/constituent pairs using a truncated portion of their records follows this letter.

Background Update (GWA-3, GWC-10, GWC-24) – August 2021

Outlier Analysis

During this analysis, the records for copper, nickel, silver, vanadium, and zinc in downgradient wells GWC-10 and GWC-24 and upgradient well GWA-3 were re-evaluated for outliers and trends through the December 2020 in order to construct statistical limits with at least 8 values in background.

Tukey's outlier test and visual screening were used to evaluate data at these wells through December 2020. Note that for some well/constituent pairs, Tukey's test results were invalidated because the upper and lower quartiles were equal. While Tukey's test did not identify any outliers, the highest values for copper, silver, and zinc in well GWC-10 were identified visually through time series graphs and flagged as outliers since they did not appear to represent the population for these constituents at this well. Additionally, this

step reduces variation and results in statistical limits that are conservative (i.e., lower) from a regulatory perspective.

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 and Tukey's test results both follow this letter.

Trend Test Evaluation

As mentioned above, while trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at wells GWA-3, GWC-10, and GWC-24 for copper, nickel, silver, vanadium, and zinc (Figure D). No significant trends were identified among data through December 2020 for any of the aforementioned well/constituent pairs; therefore, no adjustments were required at this time.

Statistical Analysis of Georgia EPD Appendix I Constituents – August 2021

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

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

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-3 resample plan, were constructed using all available data through June 2018, except for the cases mentioned above, for each well

with detections (Figure E). Compliance data are compared to these intrawell background limits during each subsequent semi-annual sampling event. As previously discussed, trend tests were used in lieu of prediction limits for cobalt and nickel in downgradient well GWC-14. The background data sets for these well/constituent pairs will be screened for the purposes of constructing statistical limits during the next background update. No statistical analyses were required for well/constituent pairs with 100% non-detects.

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

- Barium: GWC-14, GWC-18, GWC-21, and GWC-35
- Cobalt: GWC-21
- Lead: GWC-24 and GWC-26
- Vanadium: GWA-28 (upgradient)
- Zinc: GWC-14, GWC-23, and GWC-24

Two-Step Approach

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the initial intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure F). The reported measurements of the aforementioned well/constituent pairs were within the respective interwell prediction limits; therefore, no further action was necessary.

Trend Test Analysis

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site. Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Barium: GWA-4 (upgradient), GWC-14, GWC-18, and GWC-21
- Zinc: GWC-14

Decreasing

- Cobalt: GWA-2 (upgradient)
- Nickel: GWA-1, GWA-2, and GWA-29 (upgradient)

Although the trend for cobalt in upgradient well GWA-2 was noted as a significant trend, the slope of the trend is zero which represents the median slope and indicates relatively stable concentrations and a large number of non-detect values. A summary of the trend test results follows this letter (Figure G). Note that in several cases the Sen Slopes are calculated as zero due to a large number of non-detects throughout the record. The (fewer) detected values are often below the reporting limit. The trends for cobalt and nickel in well GWC-14 were not significant.

Statistical Analysis of CCR Appendix III Parameters – August 2021

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 there are statistically significant increases (SSIs).

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 September 2019, except for the case of sulfate in well GWC-5 which uses historical data from May 2017 through September 2019 (Figure H). The August 2021 samples were compared to established statistical limits. Exceedances were noted for the following well/constituent pairs:

- Sulfate: GWC-12 and GWC-22

Two-Step Approach

Following the two-step analysis procedure as mentioned above, interwell prediction limits were also constructed using pooled upgradient well data to evaluate the initial intrawell prediction limit exceedances (Figure I). No interwell prediction limit exceedances were

noted; therefore, no statistically significant increase (SSI) is identified, and no further action is necessary.

Interwell Prediction Limits

For boron, calcium, chloride, and fluoride which are evaluated using all historical upgradient well data through August 2021 to construct interwell prediction limits combined with a 1-of-2 resample plan, the following exceedances were noted (Figure J):

- Boron: GWC-9 and GWC-14
- Chloride: GWC-14

Trend Test Analysis

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure K). 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 natural variability in groundwater unrelated to practices at the site. Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- Chloride: GWA-3 (upgradient)
- Sulfate: GWC-12

Decreasing

- None

When significant trends are noted upgradient of the facility, it is an indication that groundwater concentrations are naturally changing over time. A summary of the trend test results follows this letter.

Summary

Based on the results of the Appendix I and III constituents requiring intrawell prediction limits combined with interwell prediction limits to evaluate apparent exceedances according to the Two-Step Approach, as well as the Appendix III constituents evaluated using interwell prediction limits, the following downgradient prediction limit exceedances were identified:

Appendix III

- Boron: GWC-9 and GWC-14
- Chloride: GWC-14

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,



Andrew Collins
Project Manager



Kristina Rayner
Groundwater Statistician

100% Non-Detects: Appendix I

Analysis Run 10/11/2021 3:57 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Antimony (mg/L)

GWA-1, GWA-4, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, GWC-19, GWC-20, GWC-21, GWC-34, GWC-35, GWC-7, GWC-8, GWC-9

Arsenic (mg/L)

GWC-10, GWC-15, GWC-27, GWC-30

Beryllium (mg/L)

GWA-4, GWC-10, GWC-13, GWC-5, GWC-7

Cadmium (mg/L)

GWA-2, GWA-28, GWA-4, GWC-10, GWC-12, GWC-13, GWC-15, GWC-16, GWC-17, GWC-18, GWC-19, GWC-20, GWC-23, GWC-26, GWC-27, GWC-30, GWC-31, GWC-32, GWC-33, GWC-34, GWC-35, GWC-5, GWC-6, GWC-7, GWC-9

Cobalt (mg/L)

GWA-28, GWC-13, GWC-17, GWC-18, GWC-30

Copper (mg/L)

GWA-1, GWA-4, GWC-18, GWC-30, GWC-32, GWC-7

Lead (mg/L)

GWA-1, GWC-13, GWC-14, GWC-16, GWC-32, GWC-35, GWC-6, GWC-7

Nickel (mg/L)

GWC-30

Selenium (mg/L)

GWA-2, GWA-3, GWC-10, GWC-17, GWC-19, GWC-20, GWC-23, GWC-24, GWC-34, GWC-7

Silver (mg/L)

GWA-1, GWA-2, GWA-28, GWA-3, GWA-4, GWC-10, GWC-13, GWC-15, GWC-18, GWC-19, GWC-20, GWC-30, GWC-34, GWC-35, GWC-7, GWC-8, GWC-9

Thallium (mg/L)

GWA-28, GWA-29, GWA-3, GWC-10, GWC-16, GWC-17, GWC-18, GWC-26, GWC-32, GWC-5

Date Ranges

Date: 10/11/2021 12:21 PM

Plant Wansley Client: Southern Company Data: Wansley Landfill

Cobalt (mg/L)

GWC-14 overall:8/7/2017-8/25/2021

Copper (mg/L)

GWA-3 background:8/31/2011-9/9/2020

GWC-10 background:1/25/2016-3/17/2020

GWC-24 background:7/8/2014-9/15/2020

Nickel (mg/L)

GWA-3 background:8/31/2011-9/9/2020

GWC-10 background:1/25/2016-9/10/2020

GWC-14 overall:8/7/2017-8/25/2021

GWC-24 background:7/8/2014-9/15/2020

Silver (mg/L)

GWA-3 background:8/31/2011-9/9/2020

GWC-10 background:1/25/2016-9/10/2020

GWC-24 background:7/8/2014-9/15/2020

Sulfate as SO4 (mg/L)

GWC-5 background:5/1/2017-9/17/2019

Vanadium (mg/L)

GWA-3 background:8/31/2011-9/9/2020

GWC-10 background:1/25/2016-9/10/2020

GWC-24 background:7/8/2014-9/15/2020

Zinc (mg/L)

GWA-3 background:8/31/2011-9/9/2020

GWC-10 background:1/25/2016-12/2/2020

GWC-24 background:7/8/2014-9/15/2020

Tukey's Outlier Test - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 12:02 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.00225	0.0007337	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.002364	0.002158	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.001906	0.0007772	unknown	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.002232	0.001544	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.00277	0.001514	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-24	No	n/a	n/a	NP	NaN	12	0.002179	0.0006125	ln(x)	ShapiroWilk
Silver (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	10	0.001	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	10	0.00145	0.001423	unknown	ShapiroWilk
Silver (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.0009742	0.00008949	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.00139	0.0006082	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.00159	0.0008439	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.001117	0.0002125	unknown	ShapiroWilk
Zinc (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.01715	0.01016	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	11	0.02267	0.03633	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-24	No	n/a	n/a	NP	NaN	12	0.009408	0.005214	ln(x)	ShapiroWilk

Trend Tests - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 12:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	GWA-3 (bg)	0.00009964	15	30	No	10	50	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-10	0	-9	-25	No	9	77.78	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-24	-0.00009372	-23	-38	No	12	41.67	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	0	-2	-30	No	10	30	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-10	-0.0001097	-11	-30	No	10	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-24	-0.00004972	-9	-38	No	12	8.333	n/a	n/a	0.01	NP
Silver (mg/L)	GWA-3 (bg)	0	0	30	No	10	100	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-10	0	0	25	No	9	100	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-24	0	-3	-38	No	12	91.67	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-3 (bg)	0.00004978	16	30	No	10	60	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-10	-0.0003303	-17	-30	No	10	50	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-24	0	1	38	No	12	75	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0	-3	-30	No	10	20	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-10	0	-6	-30	No	10	40	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-24	0.0003958	9	38	No	12	16.67	n/a	n/a	0.01	NP

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:39 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-14	0.117	n/a	8/23/2021	0.17	Yes	19	n/a	n/a	5.263	n/a	n/a	0.0006785	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-18	0.0383	n/a	8/24/2021	0.04	Yes	23	0.03275	0.002744	0	None	No	0.0001135	Param Intra 1 of 3
Barium (mg/L)	GWC-21	0.0348	n/a	8/19/2021	0.062	Yes	23	0.0203	0.007161	0	None	No	0.0001135	Param Intra 1 of 3
Barium (mg/L)	GWC-35	0.02169	n/a	8/18/2021	0.023	Yes	23	0.01981	0.0009285	0	None	No	0.0001135	Param Intra 1 of 3
Cobalt (mg/L)	GWC-21	0.004852	n/a	8/19/2021	0.0049	Yes	23	0.001925	0.001446	30.43	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Lead (mg/L)	GWC-24	0.001	n/a	8/19/2021	0.0015	Yes	14	n/a	n/a	100	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-26	0.001	n/a	8/19/2021	0.0015	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-28	0.001	n/a	8/16/2021	0.0011	Yes	16	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	8/23/2021	0.017	Yes	16	0.0662	0.02159	18.75	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	8/23/2021	0.032	Yes	16	0.00404	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01222	n/a	8/19/2021	0.014	Yes	12	0.08475	0.0104	16.67	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3

Appendix I - IntraWell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-29	0.05409	n/a	8/18/2021	0.024	No	16	0.03144	0.01021	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-3	0.04258	n/a	8/18/2021	0.038	No	10	0.01478	0.01019	20	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-4	0.014	n/a	8/18/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-10	0.01593	n/a	8/20/2021	0.005ND	No	10	0.06948	0.0208	40	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-11	0.008	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.0087	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-13	0.005	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	8/23/2021	0.017	Yes	16	0.0662	0.02159	18.75	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-15	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-16	0.0081	n/a	8/20/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-17	0.005	n/a	8/20/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-18	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-19	0.02	n/a	8/24/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-20	0.013	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-21	0.01133	n/a	8/19/2021	0.005ND	No	16	0.07792	0.01286	25	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-22	0.0068	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	8/23/2021	0.032	Yes	16	0.00404	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01222	n/a	8/19/2021	0.014	Yes	12	0.08475	0.0104	16.67	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-25	0.02893	n/a	8/19/2021	0.0076	No	15	0.01086	0.007912	6.667	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-26	0.019	n/a	8/19/2021	0.0049J	No	16	n/a	n/a	37.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-27	0.02	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.009	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-31	0.03796	n/a	8/25/2021	0.0074	No	12	0.01699	0.008457	8.333	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-32	0.1273	n/a	8/24/2021	0.022	No	16	0.06675	0.02729	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-33	0.00888	n/a	8/24/2021	0.005ND	No	15	0.005141	0.001637	26.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-34	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-35	0.006162	n/a	8/18/2021	0.005ND	No	16	0.003142	0.001361	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-5	0.005	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-6	0.005	n/a	8/18/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-7	0.01	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-8	0.007153	n/a	8/20/2021	0.0046J	No	16	0.002775	0.001974	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-9	0.008549	n/a	8/25/2021	0.005ND	No	15	0.003756	0.002099	46.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3

Appendix I - Interwell Prediction Limits - Intrawell Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:41 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-14	0.18	n/a	8/23/2021	0.17	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-18	0.18	n/a	8/24/2021	0.04	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-21	0.18	n/a	8/19/2021	0.062	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-35	0.18	n/a	8/18/2021	0.023	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Cobalt (mg/L)	GWC-21	0.015	n/a	8/19/2021	0.0049	No	164	n/a	n/a	64.02	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Lead (mg/L)	GWC-24	0.002	n/a	8/19/2021	0.0015	No	164	n/a	n/a	92.68	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Lead (mg/L)	GWC-26	0.002	n/a	8/19/2021	0.0015	No	164	n/a	n/a	92.68	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.078	n/a	8/23/2021	0.017	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-23	0.078	n/a	8/23/2021	0.032	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-24	0.078	n/a	8/19/2021	0.014	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3

Appendix I Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-4 (bg)	0.005584	167	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02268	249	118	Yes	26	3.846	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18	0.0008913	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003796	259	146	Yes	30	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00007709	-191	-146	Yes	30	60	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-119	-98	Yes	23	69.57	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001404	-127	-98	Yes	23	47.83	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.000263	-152	-98	Yes	23	13.04	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001372	166	98	Yes	23	13.04	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0001252	-64	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	-0.0001401	-43	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-28 (bg)	0	55	146	No	30	43.33	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0.00003351	33	131	No	28	25	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.007437	45	58	No	16	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	0.005584	167	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02268	249	118	Yes	26	3.846	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18	0.0008913	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003796	259	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-35	0.0001251	119	146	No	30	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-1 (bg)	0	-119	-146	No	30	76.67	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00007709	-191	-146	Yes	30	60	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-28 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-29 (bg)	0	-37	-131	No	28	92.86	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-3 (bg)	-0.00009187	-39	-58	No	16	37.5	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-4 (bg)	0.0002478	118	146	No	30	6.667	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-14	0.0237	8	30	No	10	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-21	-0.00006239	-58	-146	No	30	23.33	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-1 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-2 (bg)	0	-21	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-28 (bg)	0	-25	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-29 (bg)	0	-116	-131	No	28	82.14	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-3 (bg)	0	-12	-58	No	16	75	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-4 (bg)	0	-29	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-24	0	-44	-87	No	21	71.43	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-26	0	-12	-146	No	30	90	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-119	-98	Yes	23	69.57	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001404	-127	-98	Yes	23	47.83	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-28 (bg)	0	-68	-98	No	23	73.91	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.000263	-152	-98	Yes	23	13.04	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	-0.0001264	-20	-38	No	12	25	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-4 (bg)	0	-49	-92	No	22	54.55	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0.001148	20	30	No	10	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	0.0000254	10	98	No	23	17.39	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	-0.00008394	-68	-98	No	23	30.43	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0004828	92	98	No	23	17.39	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.0006567	-32	-98	No	23	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0.0002901	6	38	No	12	16.67	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	38	98	No	23	47.83	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001372	166	98	Yes	23	13.04	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-23	0	18	98	No	23	39.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-24	0.000372	14	48	No	14	14.29	n/a	n/a	0.01	NP

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-12	28.54	n/a	8/19/2021	33	Yes	15	22.2	2.238	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	1	n/a	8/19/2021	1.2	Yes	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-23	1	n/a	8/23/2021	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-24	1.019	n/a	8/19/2021	0.77J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-25	36.07	n/a	8/19/2021	7.2	No	15	12.5	8.315	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-26	1	n/a	8/19/2021	0.82J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-27	4.306	n/a	8/23/2021	0.78J	No	15	1.723	0.9113	6.667	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-30	1.726	n/a	8/23/2021	1.2	No	15	1.252	0.1671	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-31	25.74	n/a	8/25/2021	12	No	10	14.8	3.29	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-32	15.43	n/a	8/24/2021	10	No	15	10.75	1.652	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-33	35.66	n/a	8/24/2021	8.1	No	14	17.78	6.15	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-34	2.085	n/a	8/24/2021	1.4	No	15	1.535	0.1943	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-35	3.131	n/a	8/18/2021	2.7	No	15	2.587	0.1918	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-5	44.19	n/a	8/19/2021	29	No	8	28.38	4.138	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-6	19.26	n/a	8/18/2021	13	No	15	12.52	2.376	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-7	110.2	n/a	8/19/2021	45	No	14	72.49	12.97	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-8	39.53	n/a	8/20/2021	17	No	14	18.2	7.338	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-9	44.53	n/a	8/25/2021	14	No	15	4.276	0.8455	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-1	37.94	n/a	8/16/2021	15	No	15	11.75	9.238	33.33	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-2	92.29	n/a	8/18/2021	50	No	15	32.6	21.06	20	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-28	120.8	n/a	8/16/2021	50	No	15	64.33	19.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-29	160.7	n/a	8/18/2021	76	No	14	77.64	28.56	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-3	678.9	n/a	8/18/2021	170	No	8	230.1	117.4	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-4	213	n/a	8/18/2021	150	No	15	158.3	19.31	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-10	333.5	n/a	8/20/2021	140	No	15	162.4	60.37	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-11	327.2	n/a	8/23/2021	190	No	15	156.1	60.36	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-12	268	n/a	8/19/2021	240	No	15	179.7	31.13	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-13	99.82	n/a	8/23/2021	56	No	15	50.4	17.43	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-14	616.8	n/a	8/23/2021	290	No	15	286.5	116.5	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-15	123.5	n/a	8/24/2021	80	No	15	78.47	15.87	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-16	151.5	n/a	8/20/2021	83	No	15	72.07	28.01	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-17	156.3	n/a	8/20/2021	98	No	15	90.53	23.22	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-18	113.6	n/a	8/24/2021	99	No	15	71.33	14.9	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-19	128.1	n/a	8/24/2021	85	No	15	61.67	23.44	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-20	129.9	n/a	8/24/2021	96	No	15	89.6	14.21	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-21	85.2	n/a	8/19/2021	84	No	15	44.2	14.46	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-22	128.7	n/a	8/19/2021	120	No	15	1016498	393346	6.667	None	x ³	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-23	161.4	n/a	8/23/2021	47	No	15	6.093	2.333	6.667	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-24	50.35	n/a	8/19/2021	30	No	15	22.87	9.694	13.33	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-25	137	n/a	8/19/2021	81	No	15	81.07	19.73	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-26	103.8	n/a	8/19/2021	50	No	15	37.23	23.48	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-27	85.23	n/a	8/23/2021	30	No	15	33.22	18.35	20	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-30	89.5	n/a	8/23/2021	54	No	15	41.2	17.04	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-31	193.9	n/a	8/25/2021	110	No	10	110.4	25.14	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-32	146.6	n/a	8/24/2021	94	No	15	87.33	20.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-33	174.3	n/a	8/24/2021	100	No	15	104.5	24.61	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-34	119.4	n/a	8/24/2021	44	No	15	42.87	27.01	13.33	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-35	78.7	n/a	8/18/2021	50	No	15	33.57	15.92	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-5	287.7	n/a	8/19/2021	220	No	15	176.1	39.38	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-6	198.6	n/a	8/18/2021	140	No	15	110.9	30.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-7	569.1	n/a	8/19/2021	380	No	15	433.4	47.88	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-8	304.7	n/a	8/20/2021	170	No	15	177.2	44.99	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-9	370	n/a	8/25/2021	130	No	15	177.5	67.9	0	None	No	0.0002595	Param Intra 1 of 2

Appendix III - Interwell Prediction Limits - Intrawell Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:24 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate as SO4 (mg/L)	GWC-12	203	n/a	8/19/2021	33	No	106	n/a	n/a	17.92	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	203	n/a	8/19/2021	1.2	No	106	n/a	n/a	17.92	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-14	0.08	n/a	8/23/2021	0.61	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.08	n/a	8/25/2021	0.083	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	8/23/2021	99	Yes	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chloride, Total (mg/L)	GWA-3 (bg)	6.895	42	38	Yes	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.83	138	74	Yes	19	0	n/a	n/a	0.01	NP

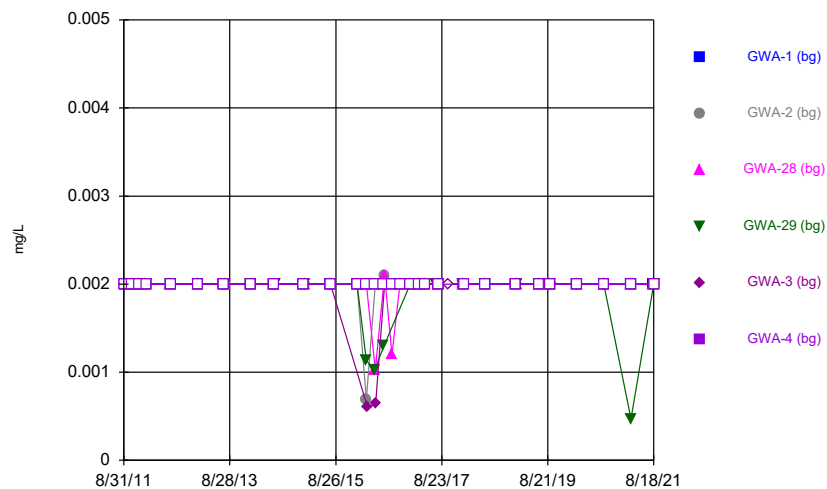
Appendix III Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	GWA-1 (bg)	0	-19	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-2 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-28 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-29 (bg)	0	7	68	No	18	94.44	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-3 (bg)	0	0	43	No	13	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-4 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-14	0.1103	54	74	No	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-9	-0.009777	-36	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	0.03352	32	74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	0.1601	42	74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-28 (bg)	0	-15	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-29 (bg)	-0.04106	-39	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3 (bg)	6.895	42	38	Yes	12	8.333	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4 (bg)	-1.12	-51	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-14	10.97	60	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-1 (bg)	0	5	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-2 (bg)	0.04582	31	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-28 (bg)	0.05734	29	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-29 (bg)	-0.3824	-39	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-3 (bg)	-21.22	-28	-38	No	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-4 (bg)	0	7	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.83	138	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-22	0	7	74	No	19	63.16	n/a	n/a	0.01	NP

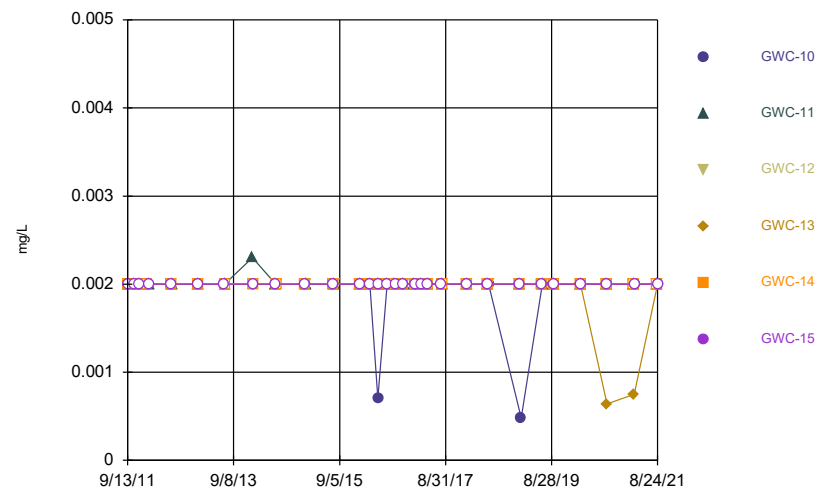
FIGURE A.

Time Series



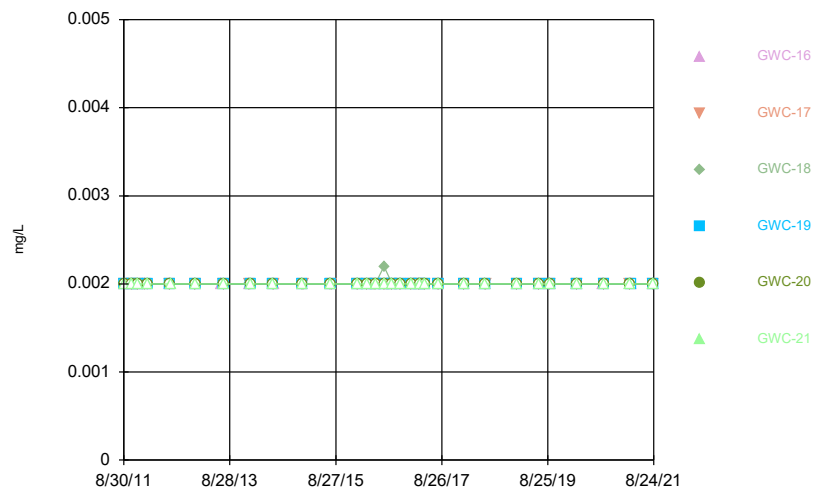
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



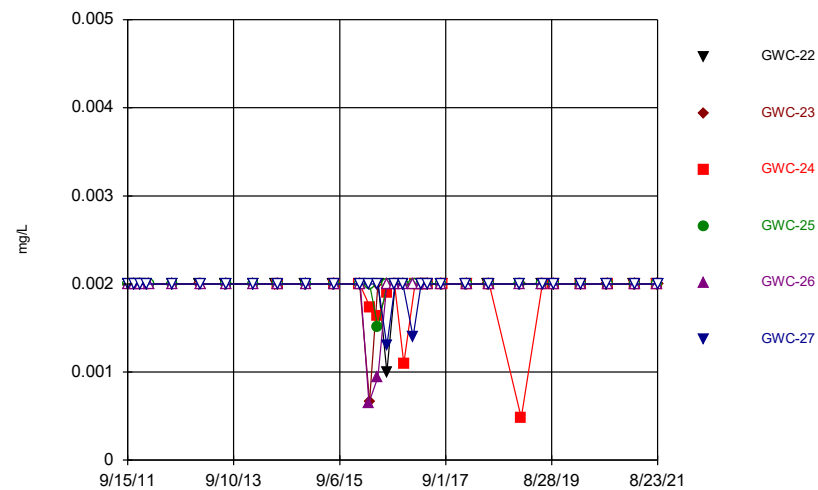
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



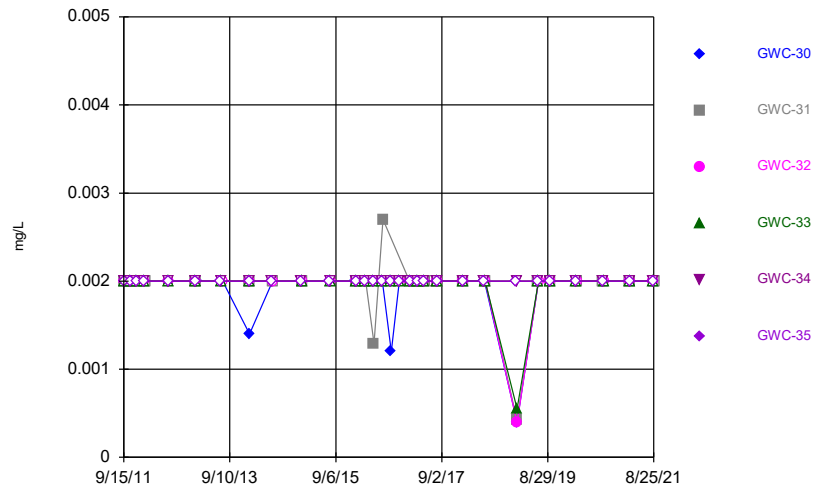
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Time Series



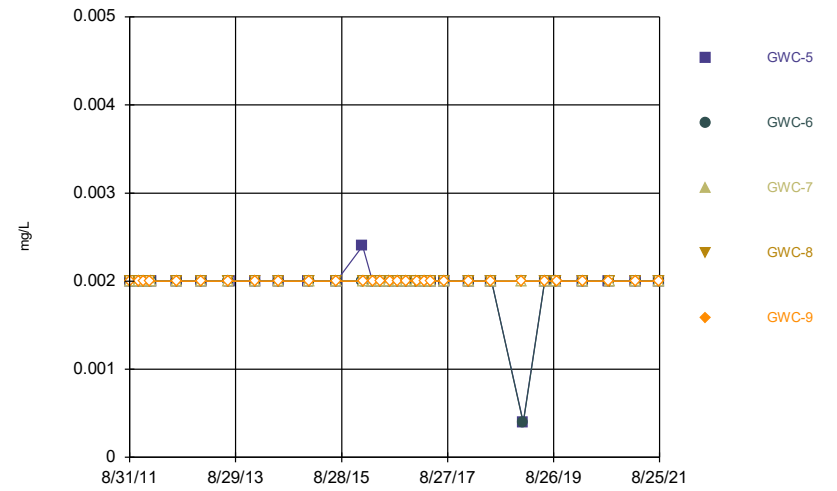
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



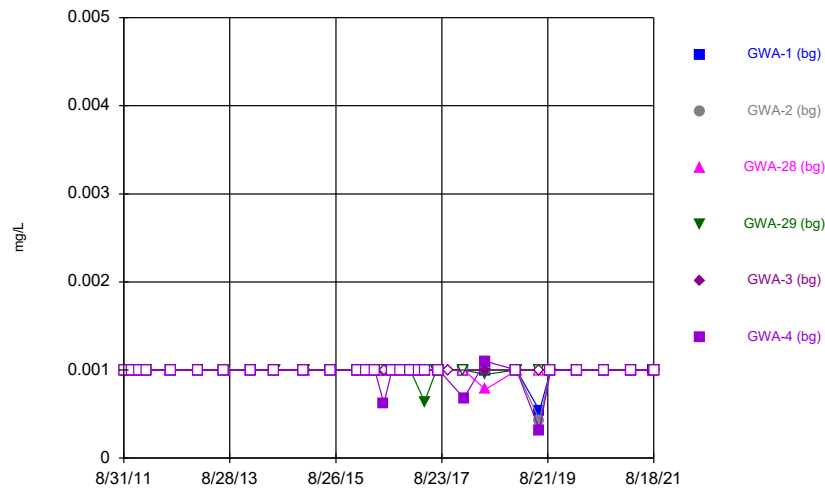
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Time Series



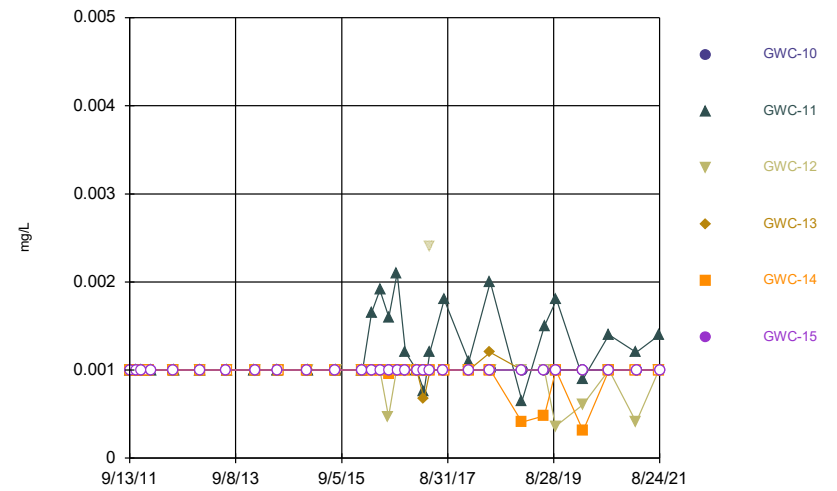
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



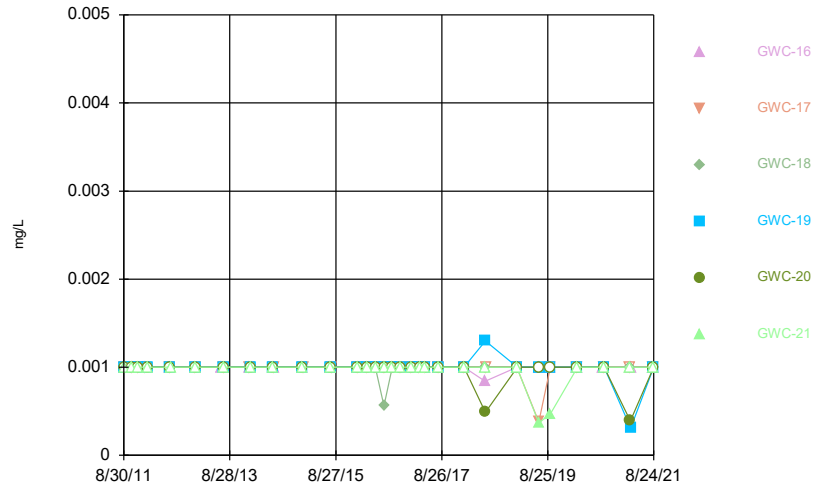
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



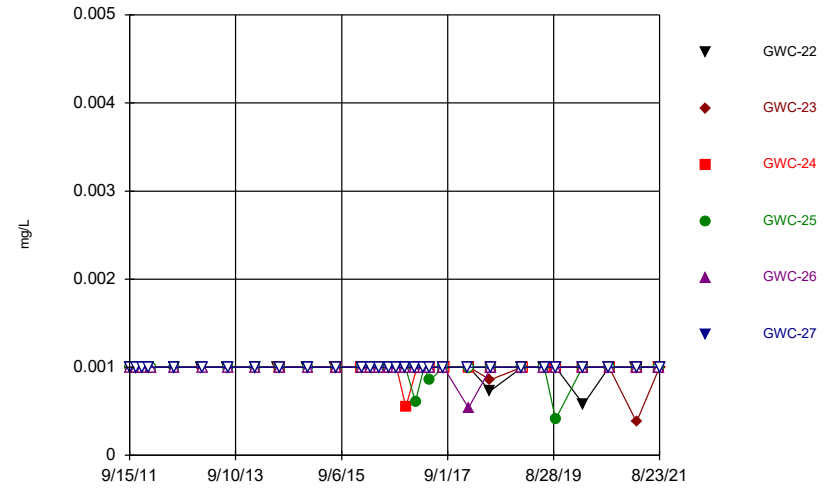
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Time Series



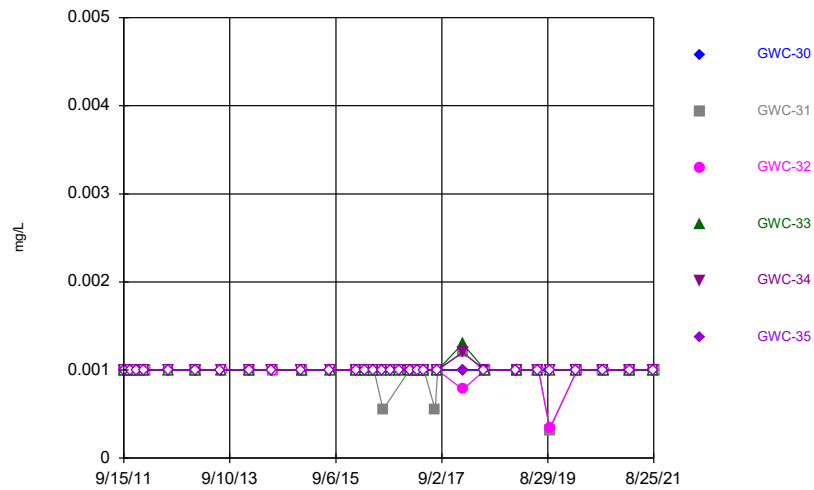
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Time Series



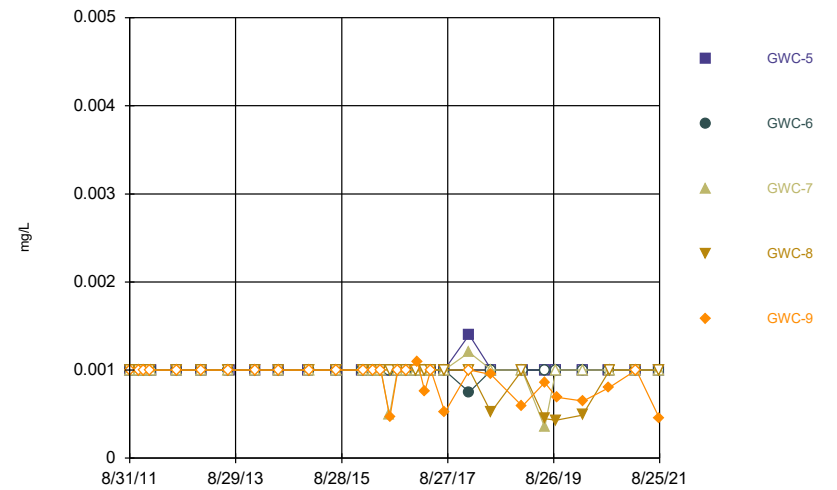
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Time Series



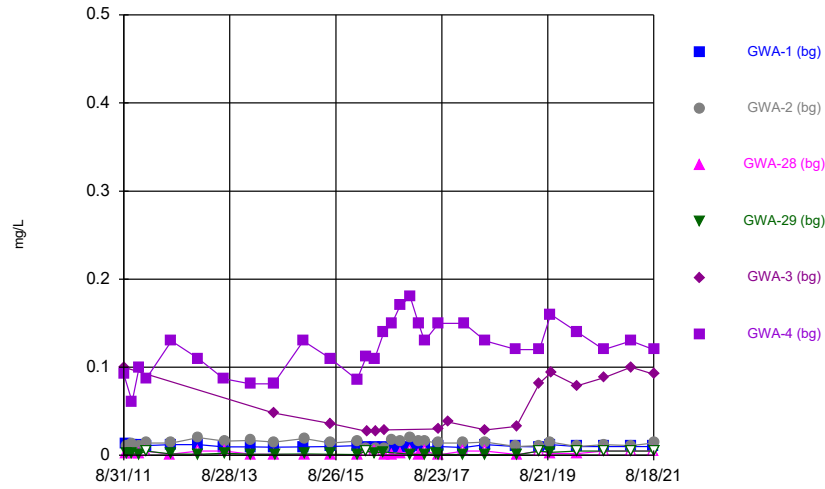
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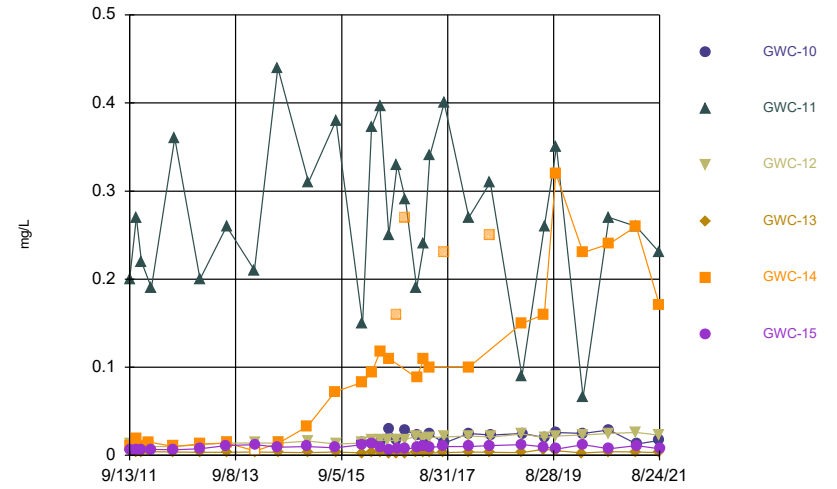
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Time Series



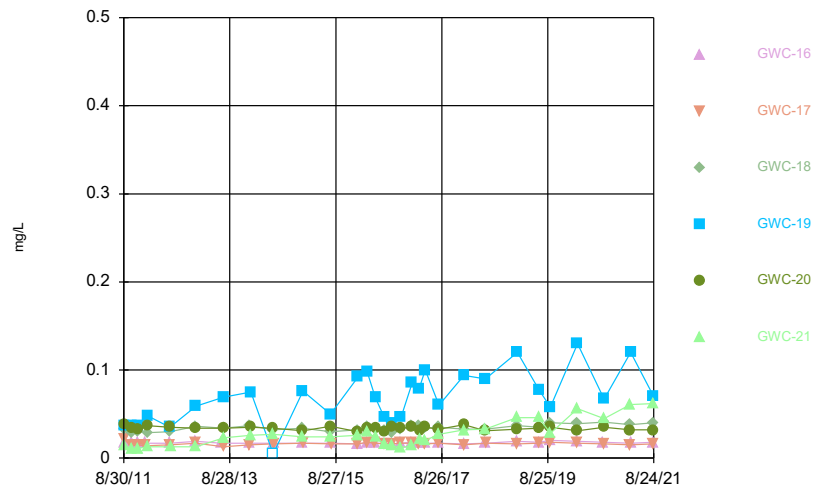
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Time Series



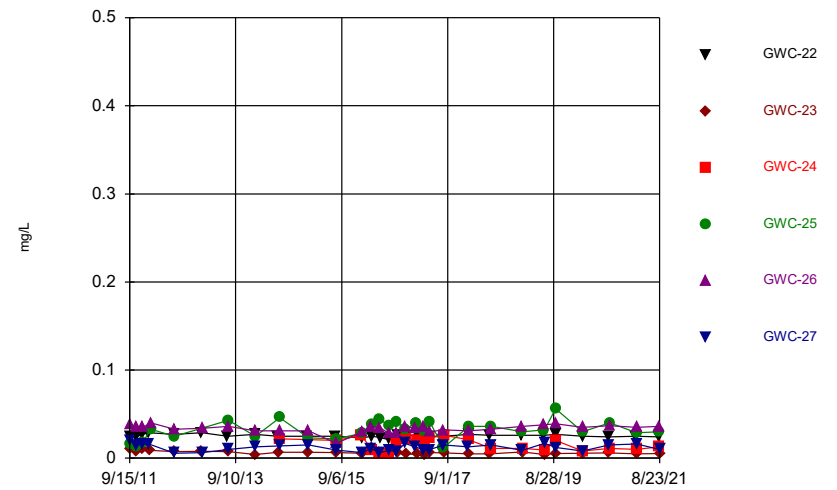
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Time Series



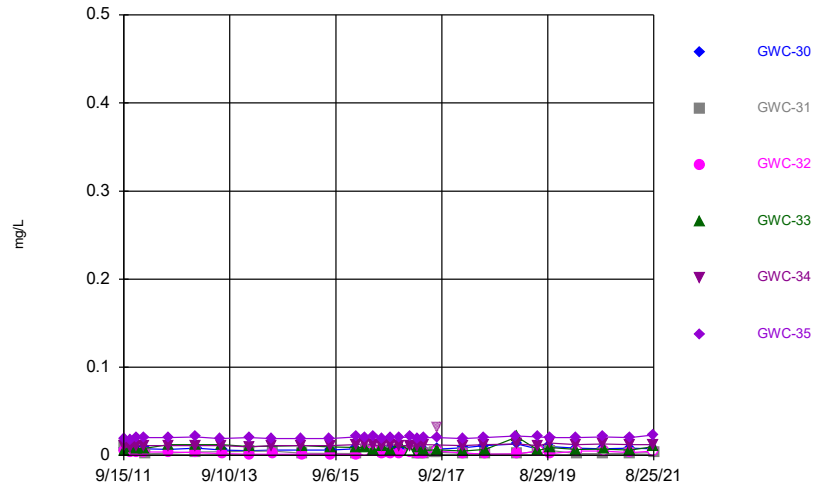
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Time Series



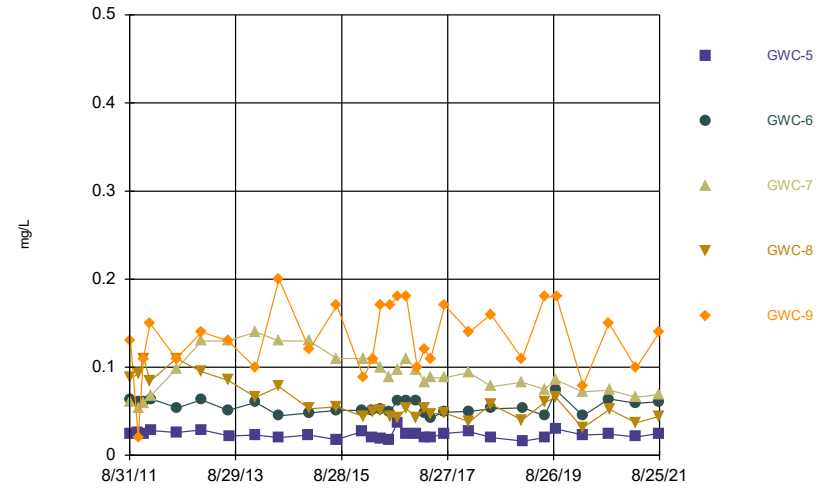
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Time Series



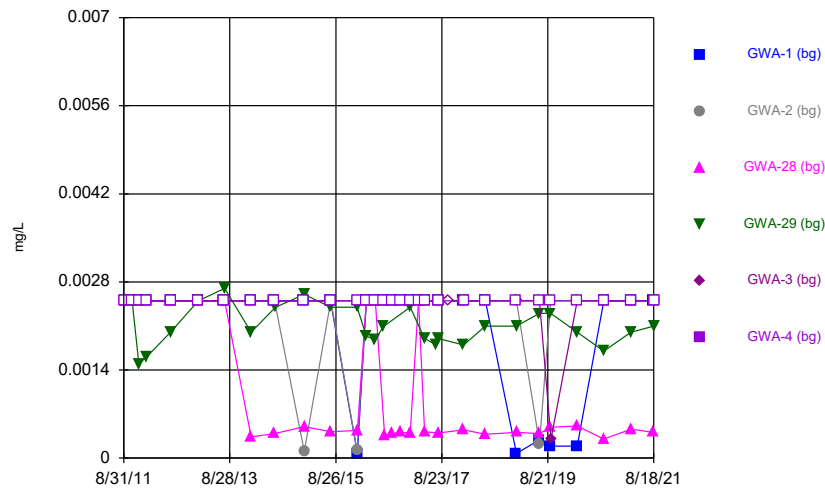
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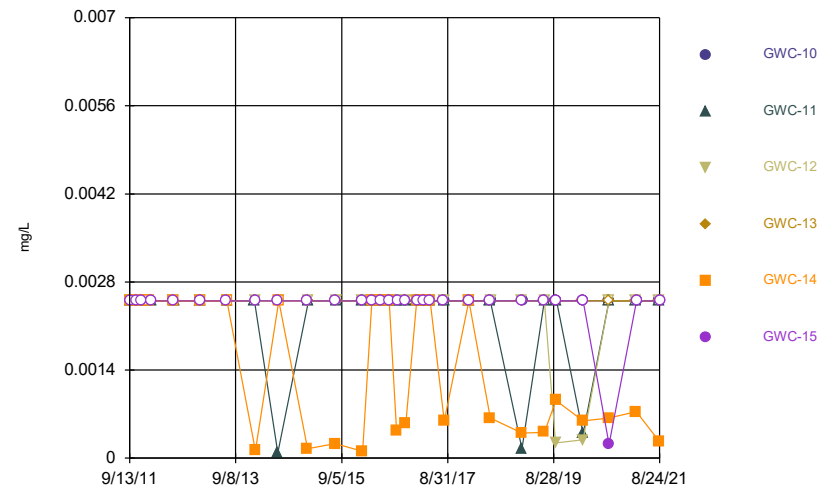
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Time Series



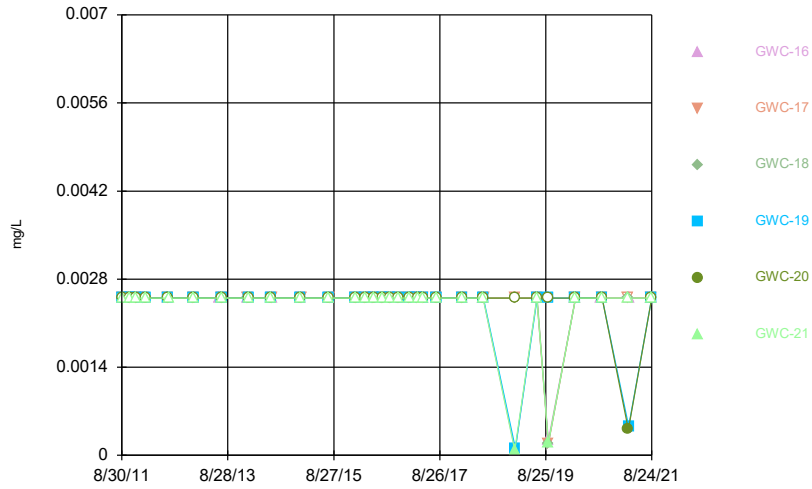
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Time Series



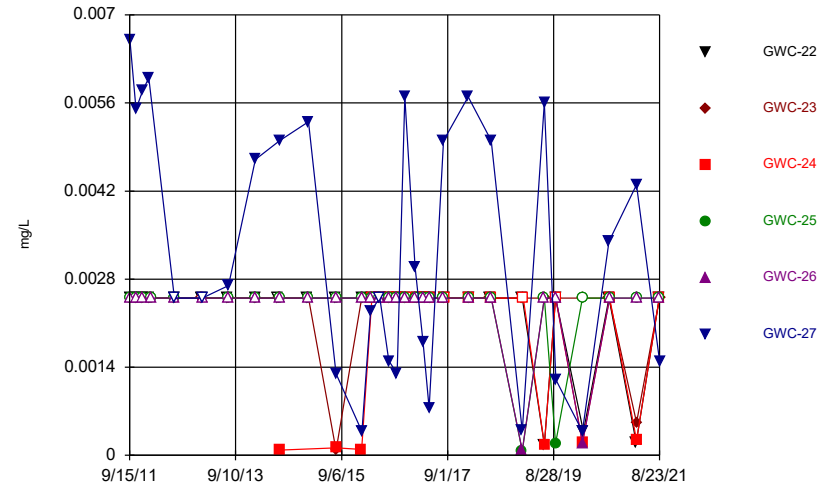
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Time Series



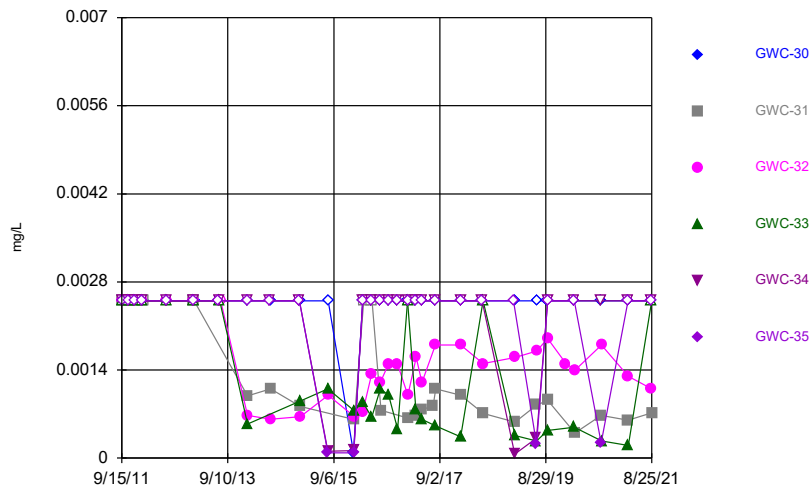
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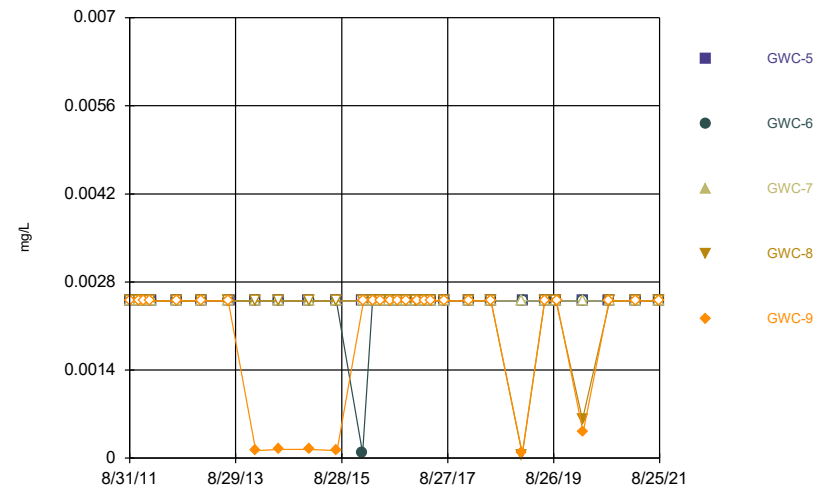
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Time Series



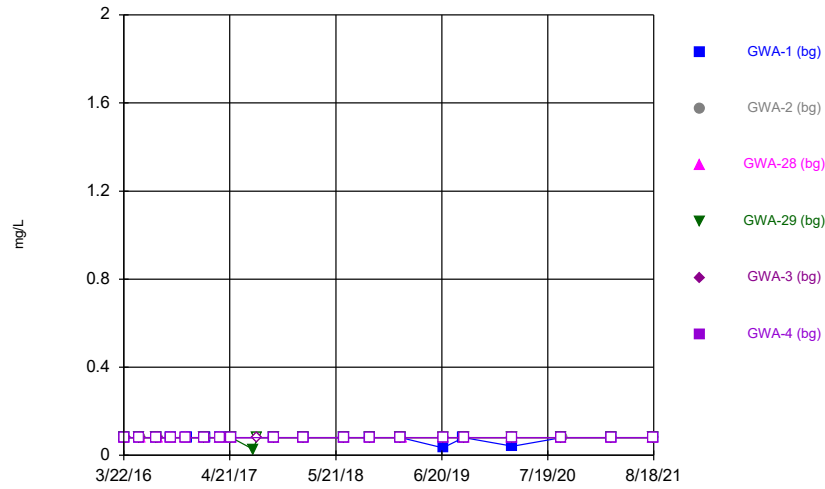
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Time Series



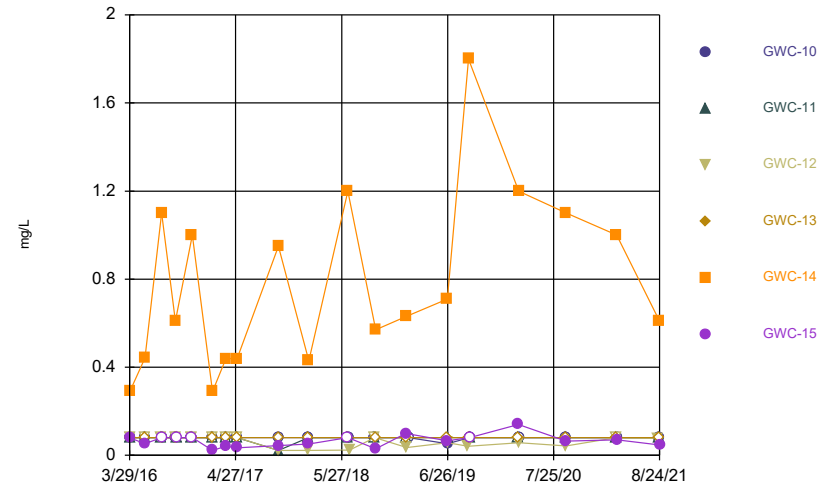
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Time Series



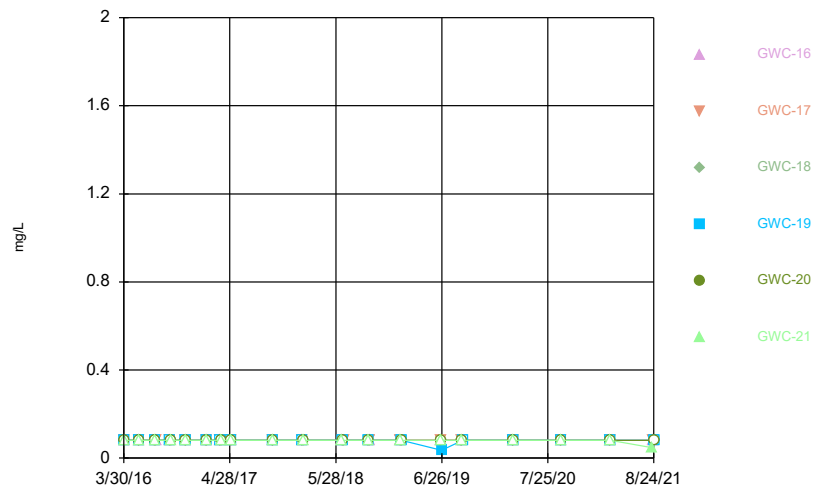
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Time Series



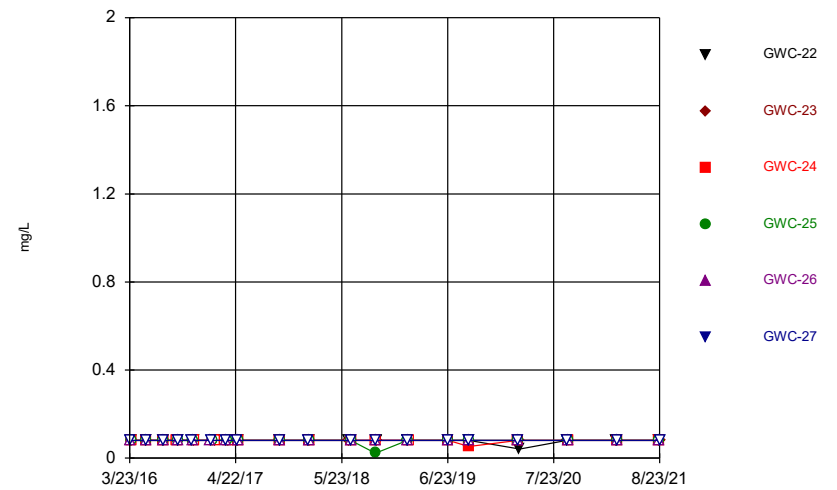
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Time Series



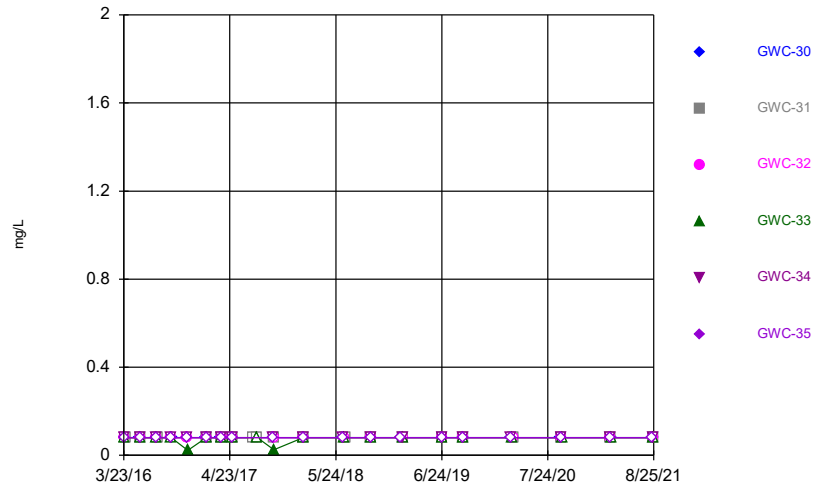
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Time Series



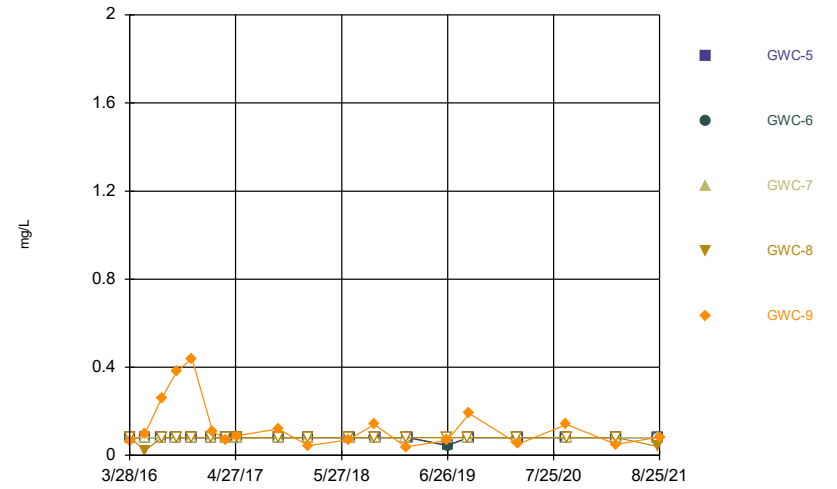
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Time Series



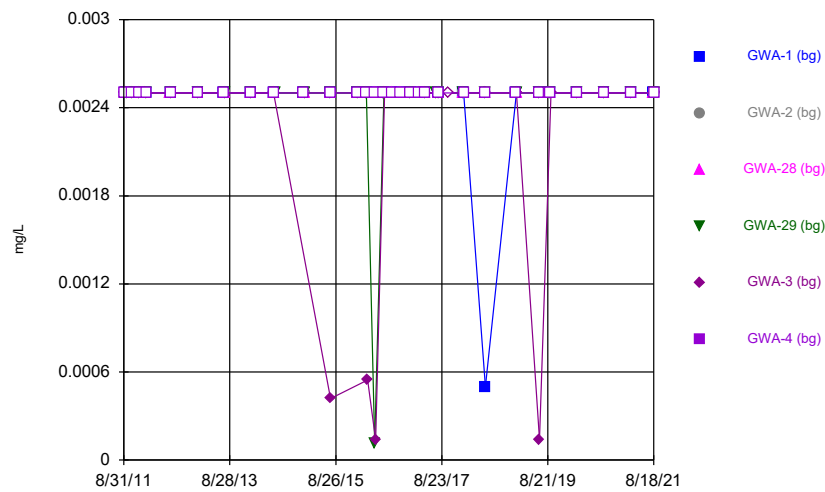
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Time Series



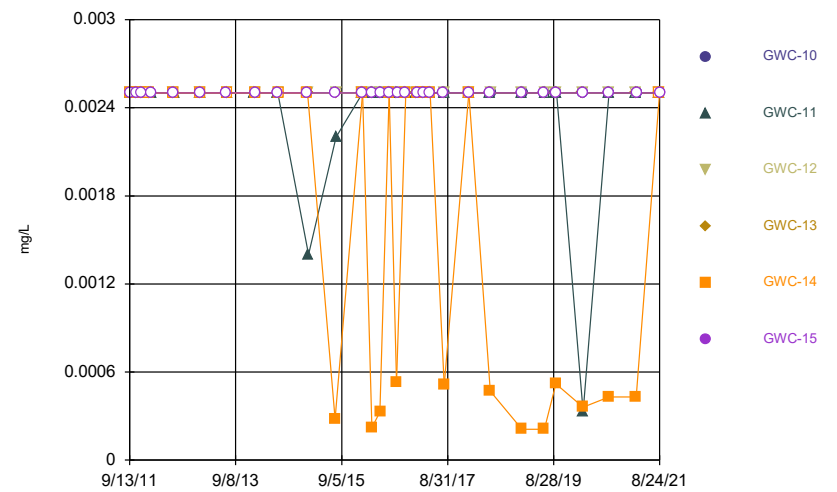
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Time Series



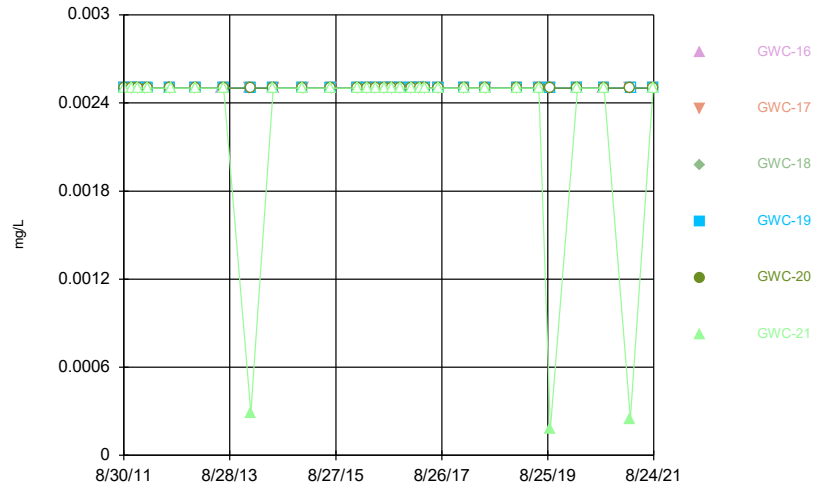
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Time Series



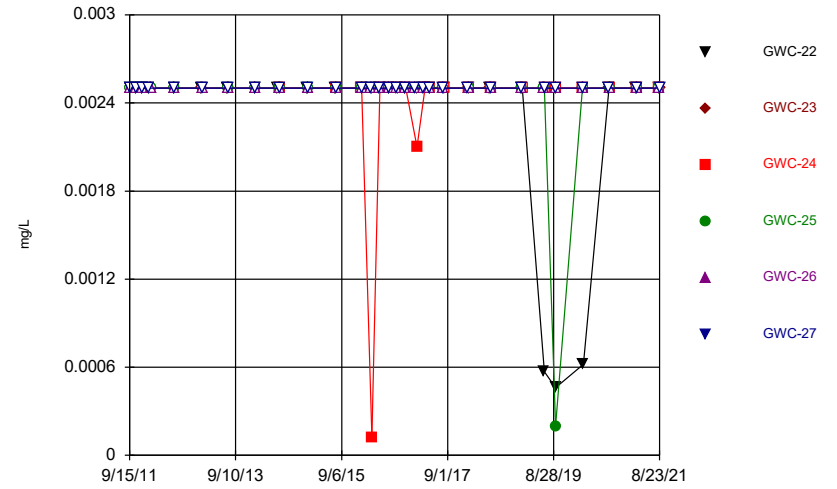
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Time Series



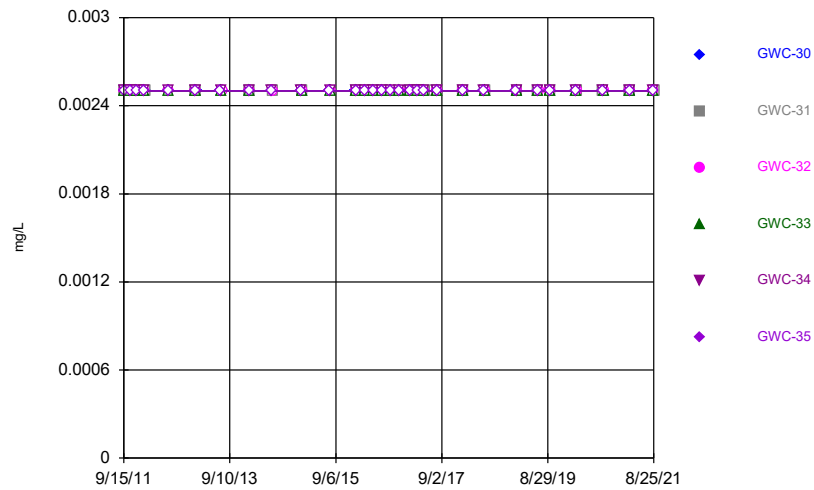
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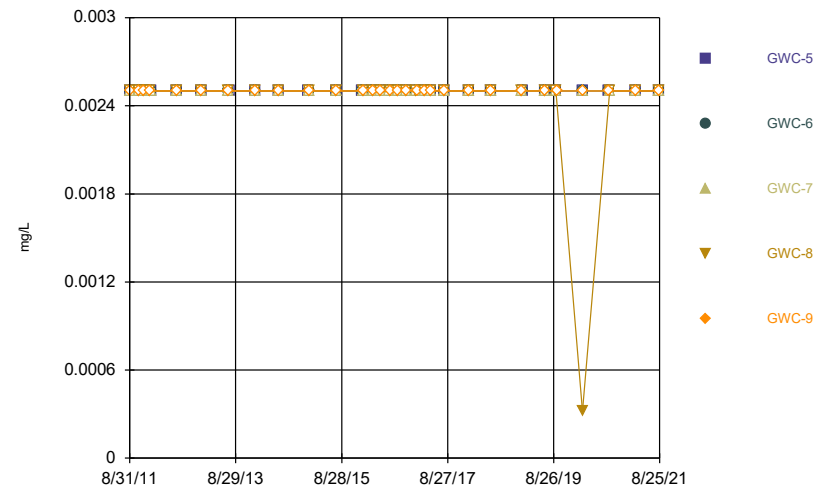
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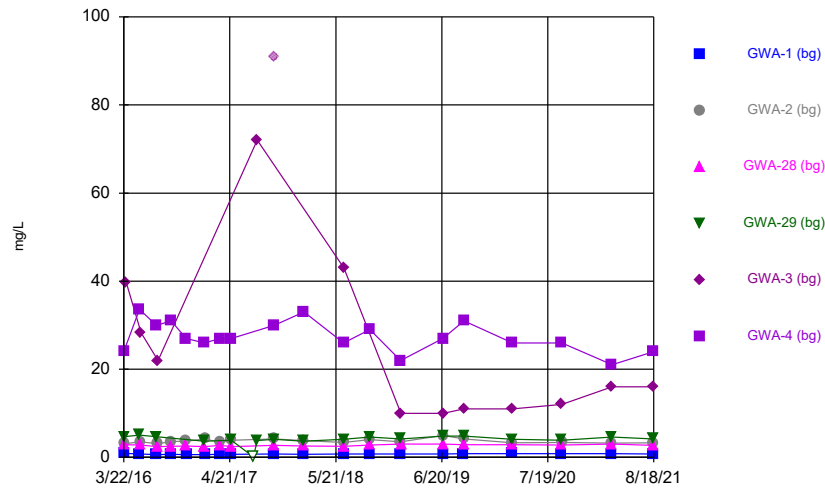
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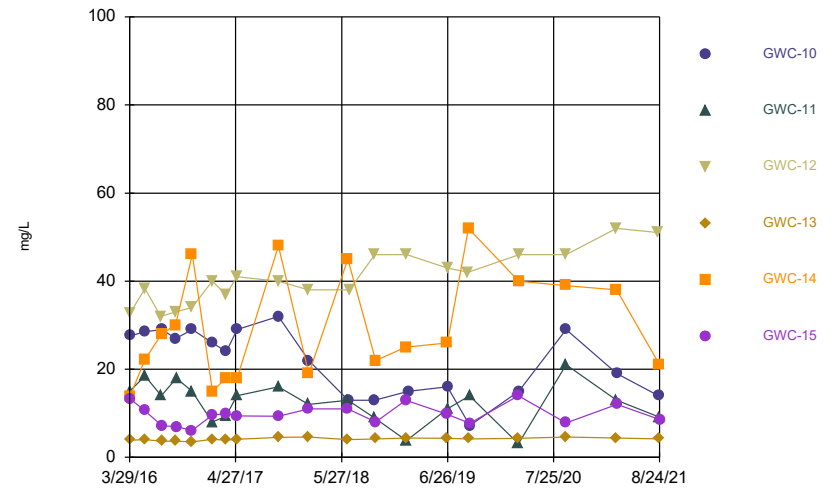
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Time Series



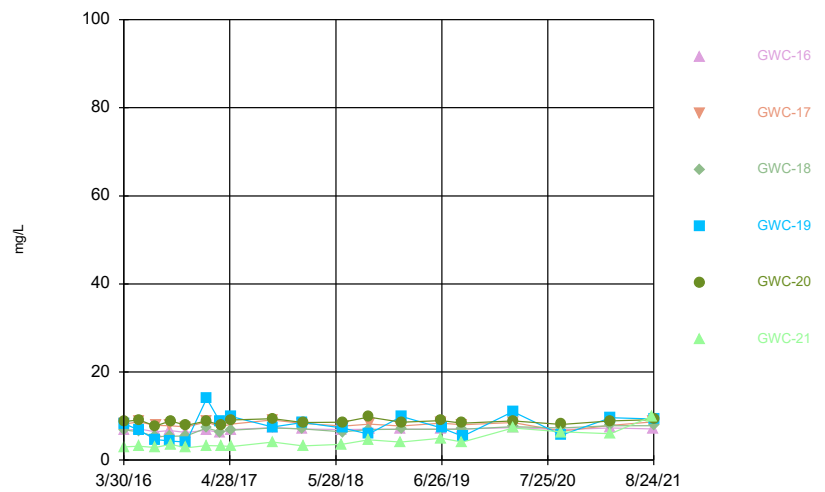
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Time Series



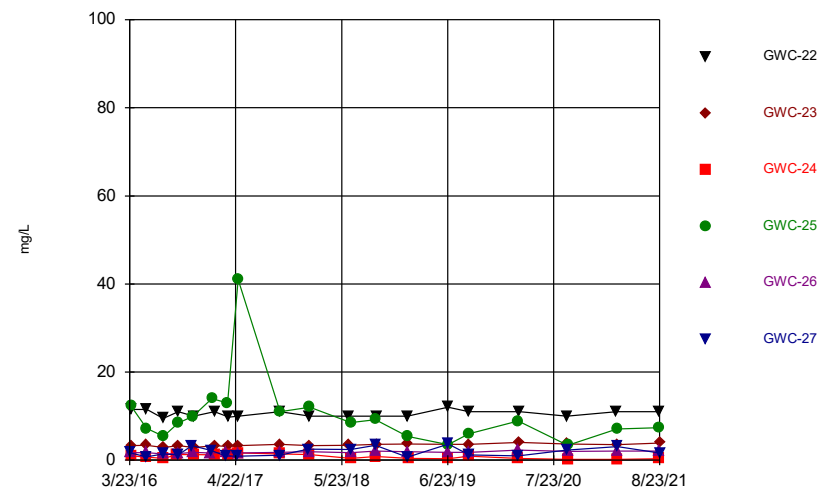
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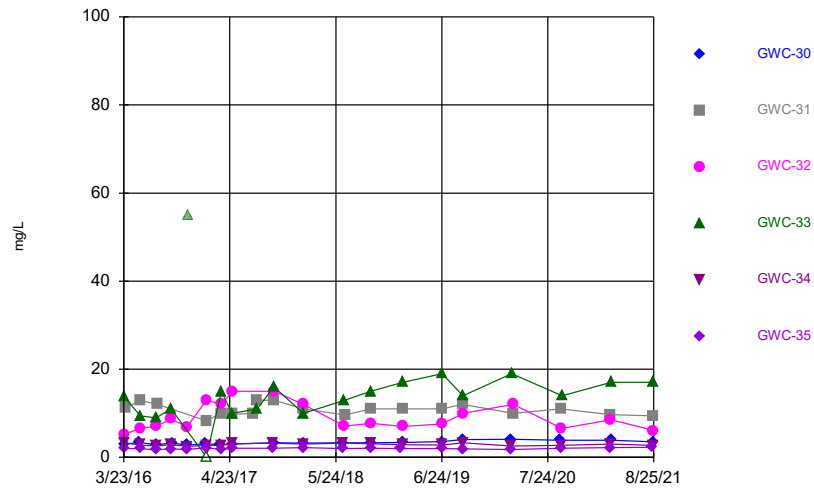
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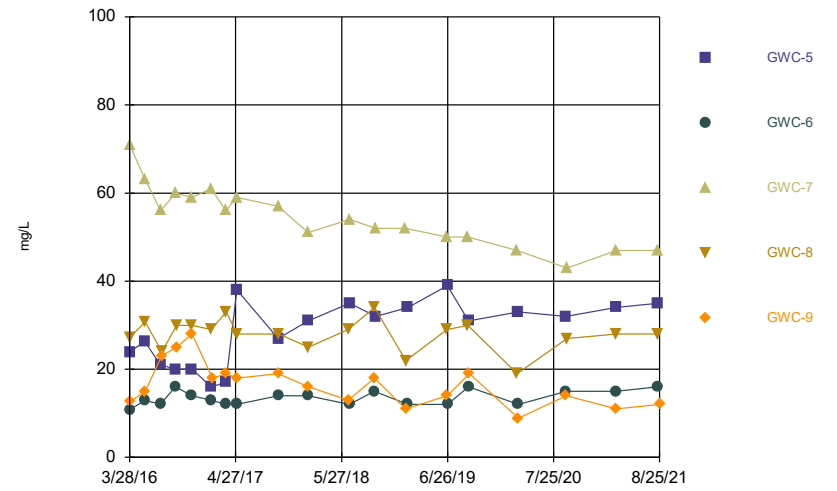
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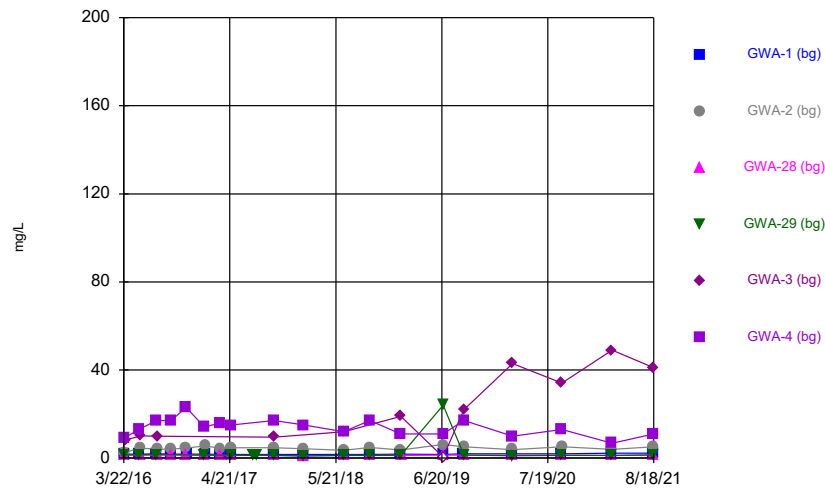
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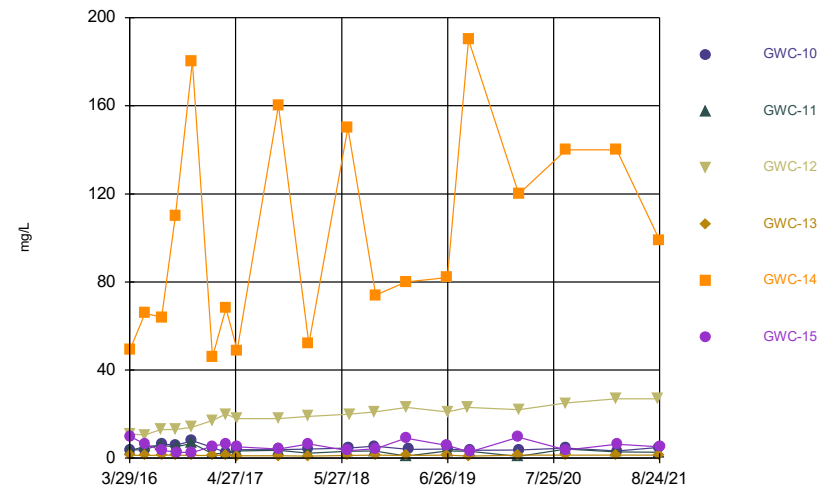
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Time Series



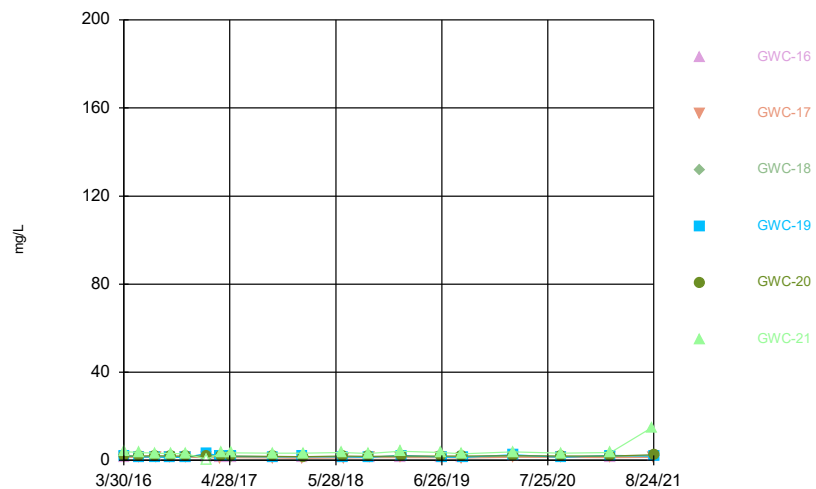
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Time Series



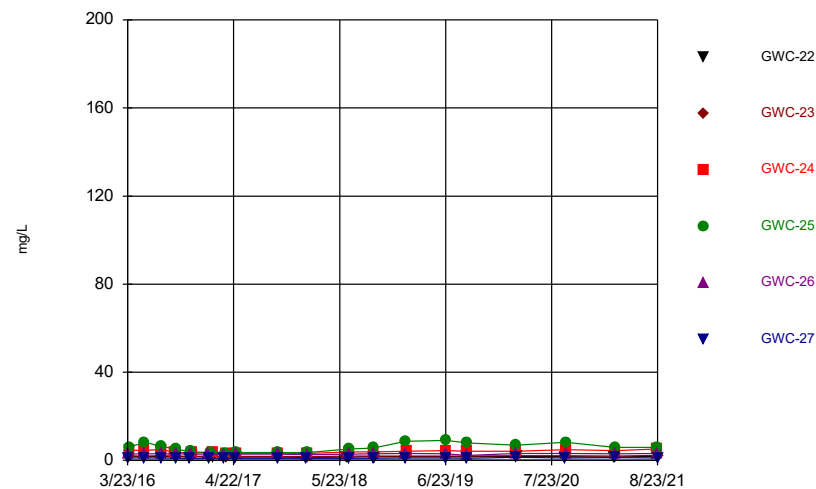
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Time Series



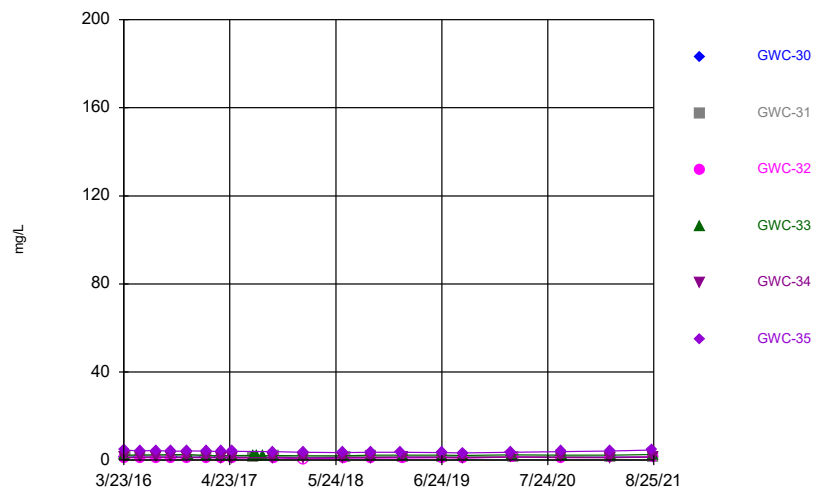
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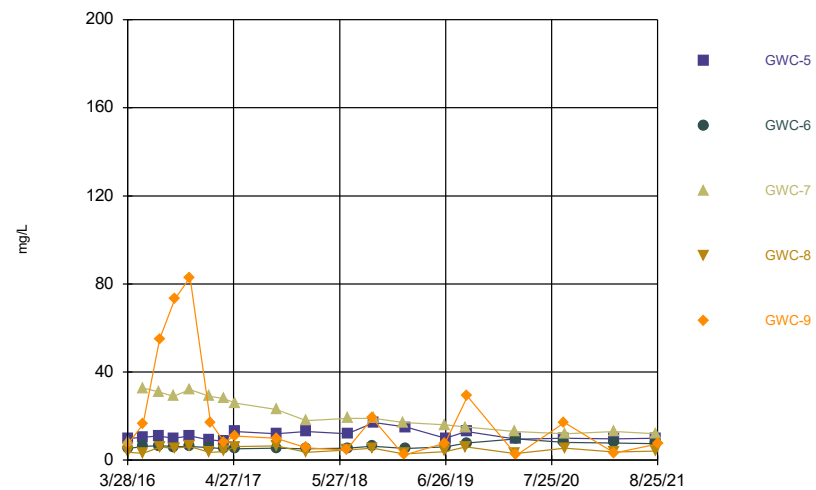
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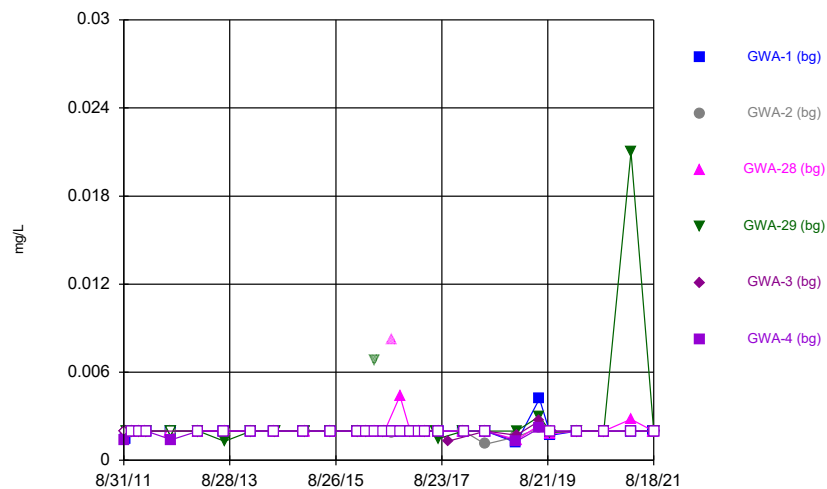
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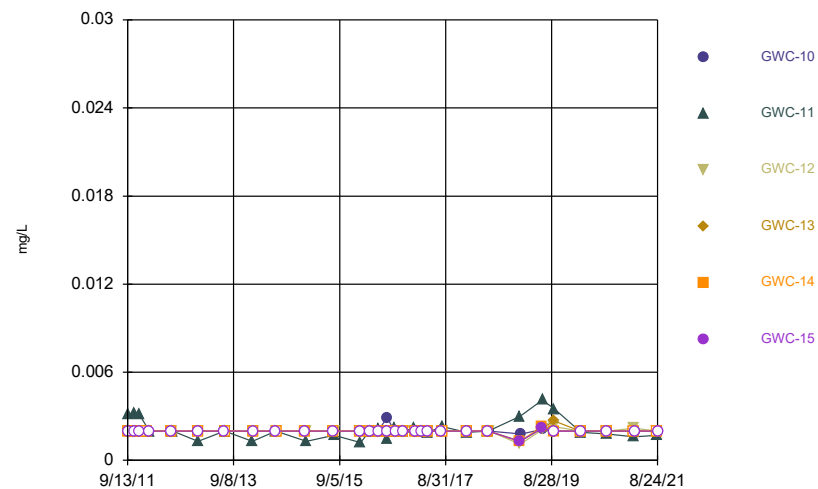
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Time Series



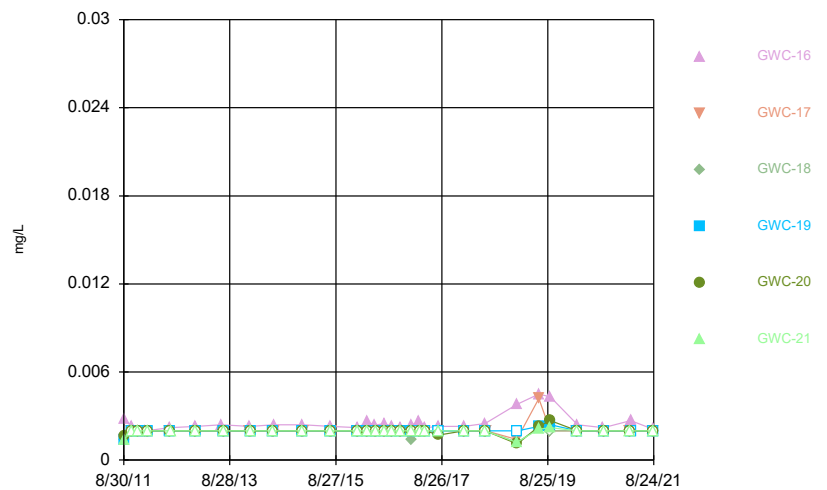
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Time Series



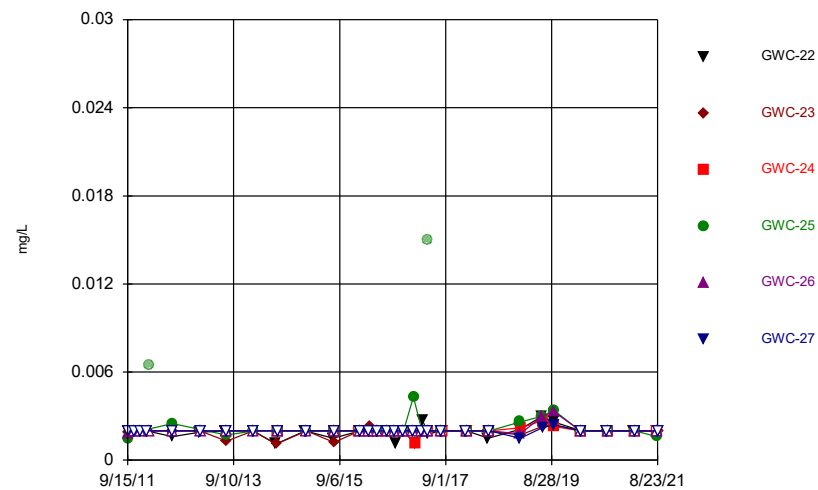
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Time Series



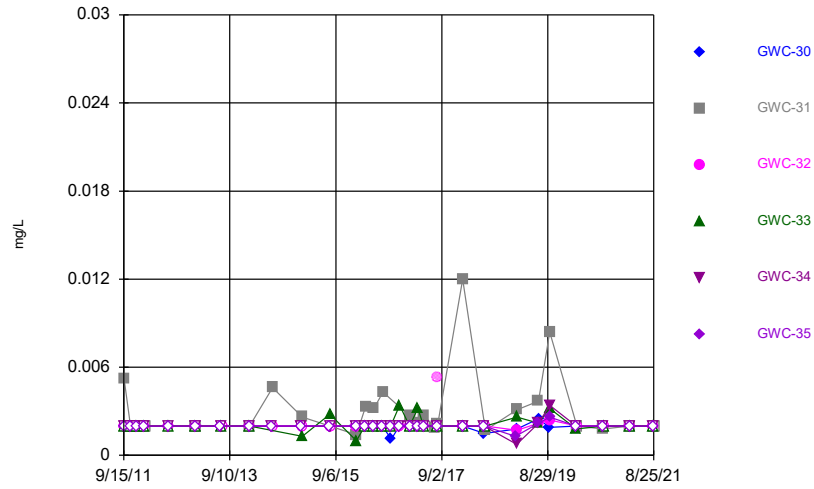
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Time Series



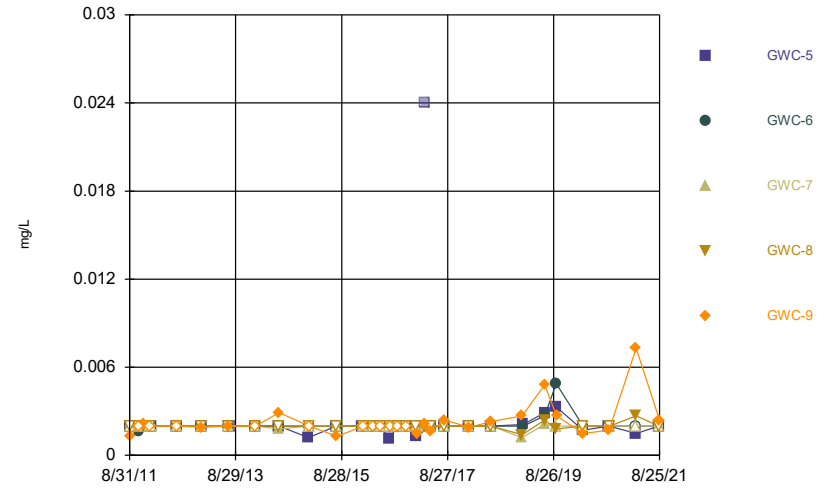
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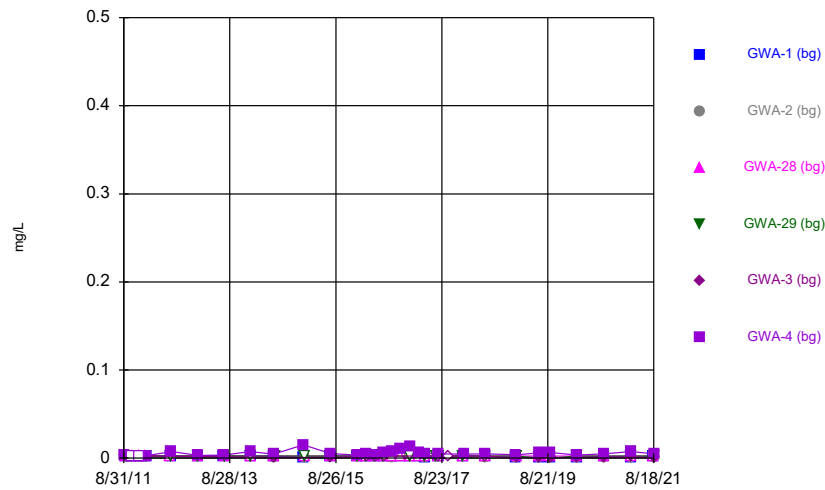
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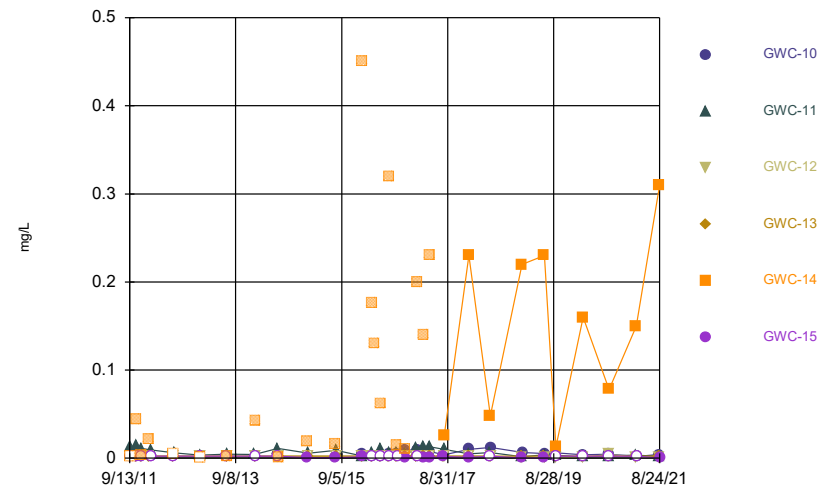
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Time Series



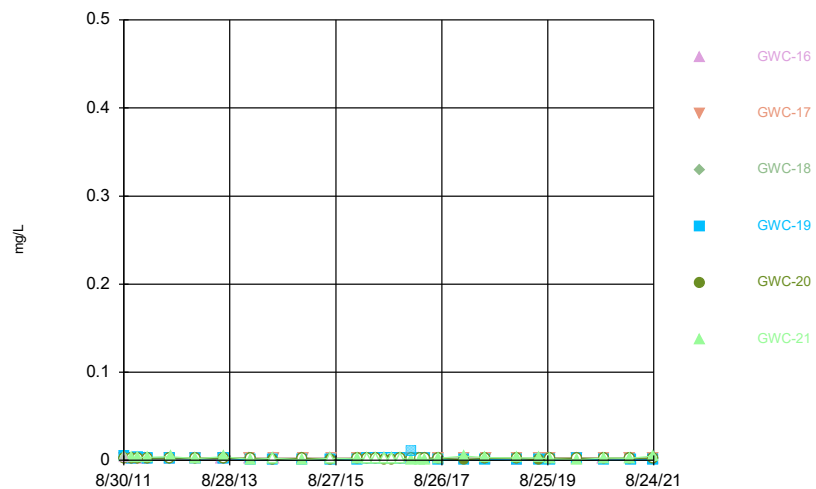
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Time Series



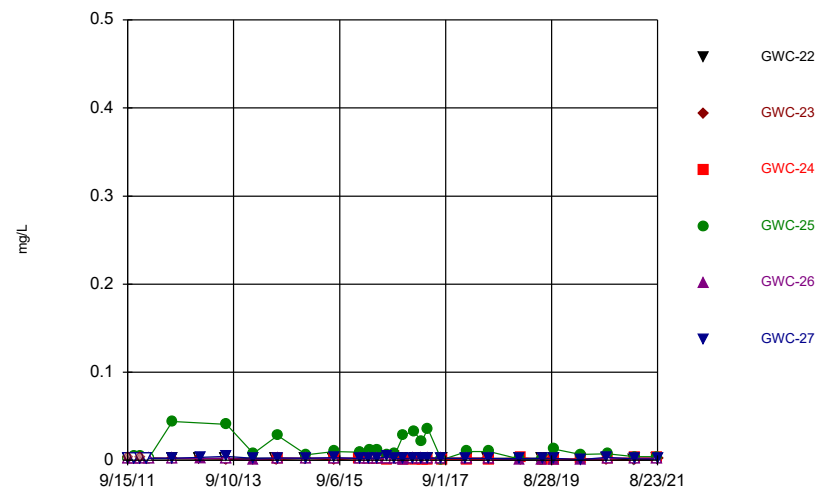
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Time Series



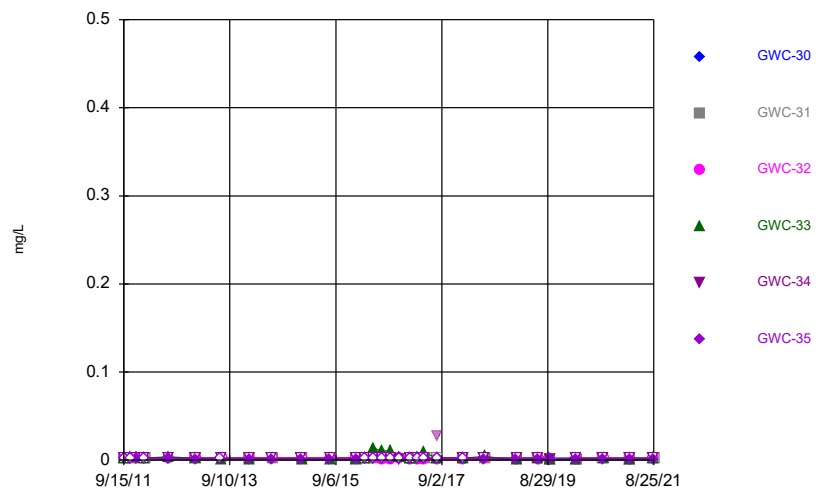
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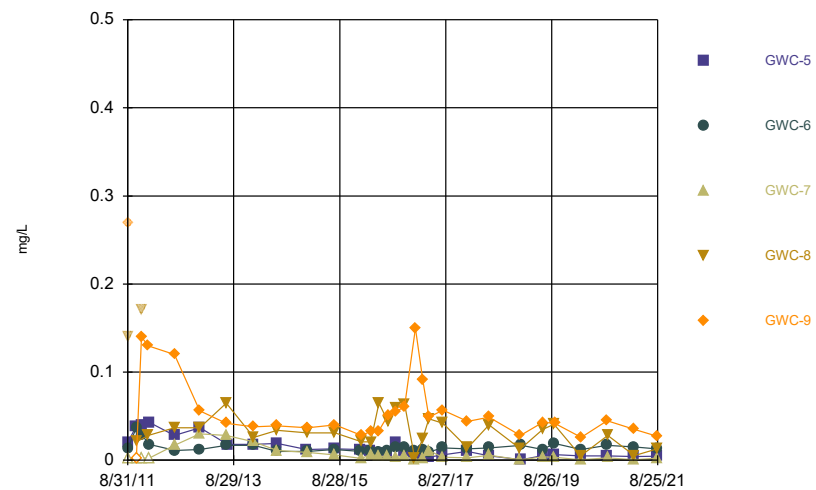
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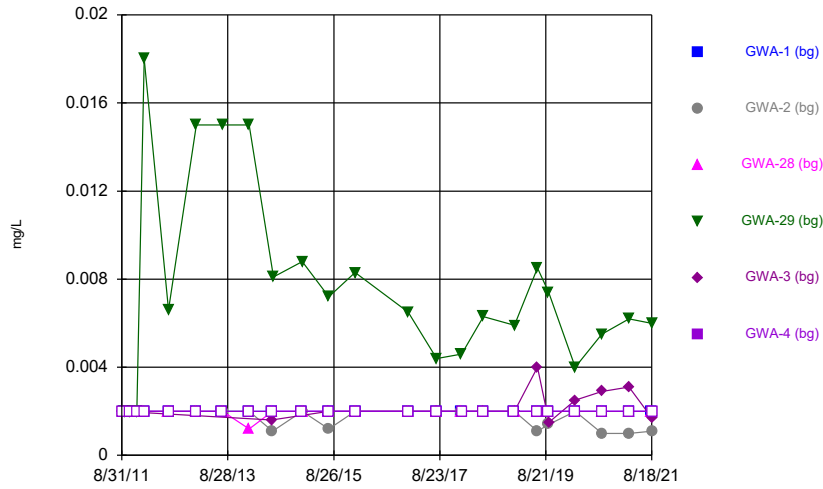
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Time Series



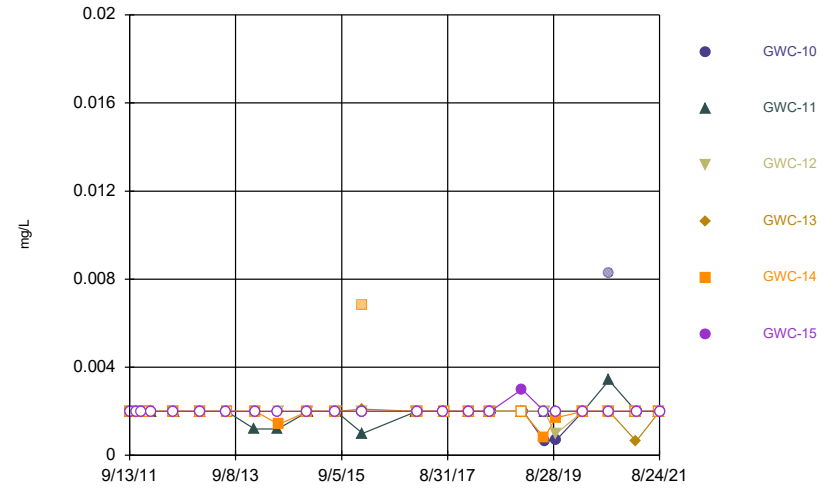
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Time Series



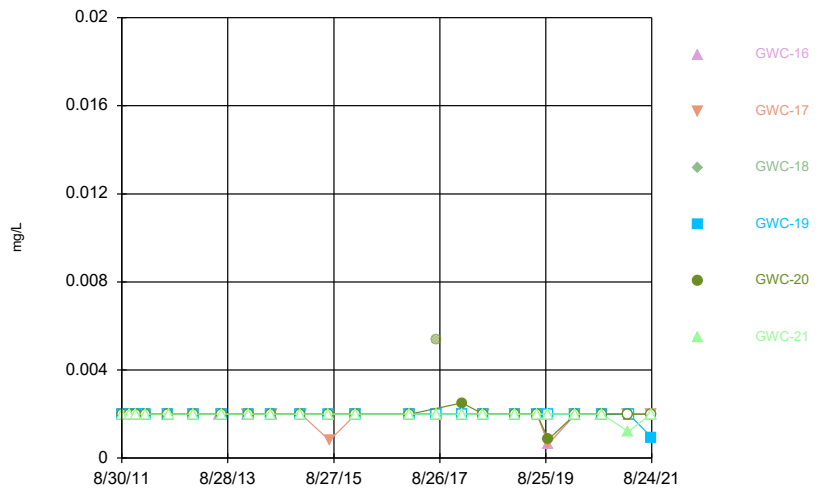
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Time Series



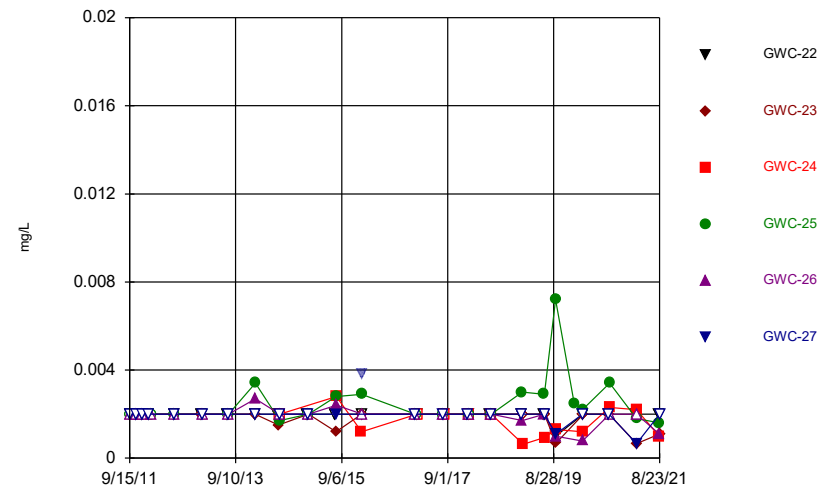
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Time Series



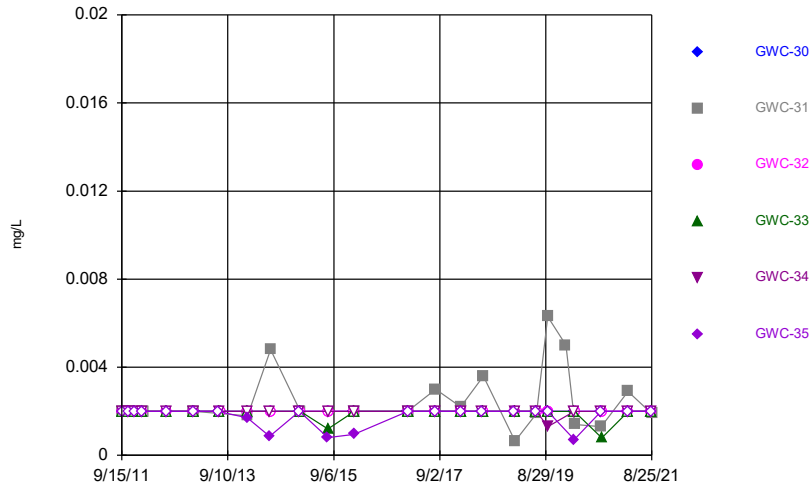
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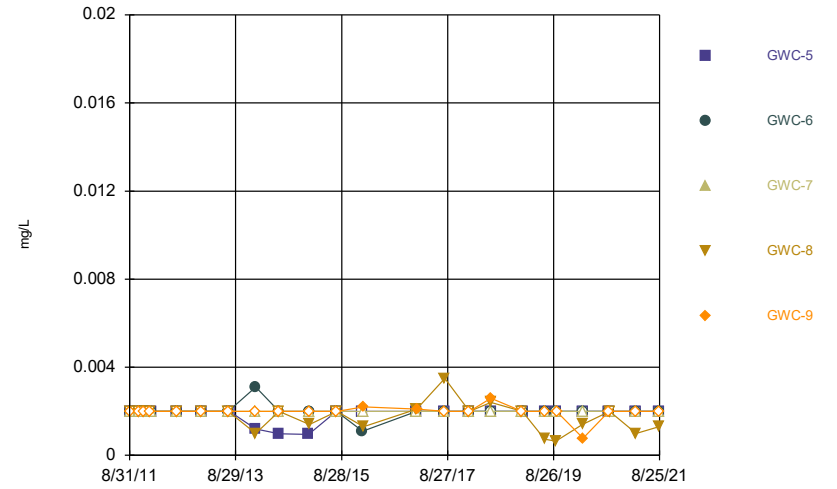
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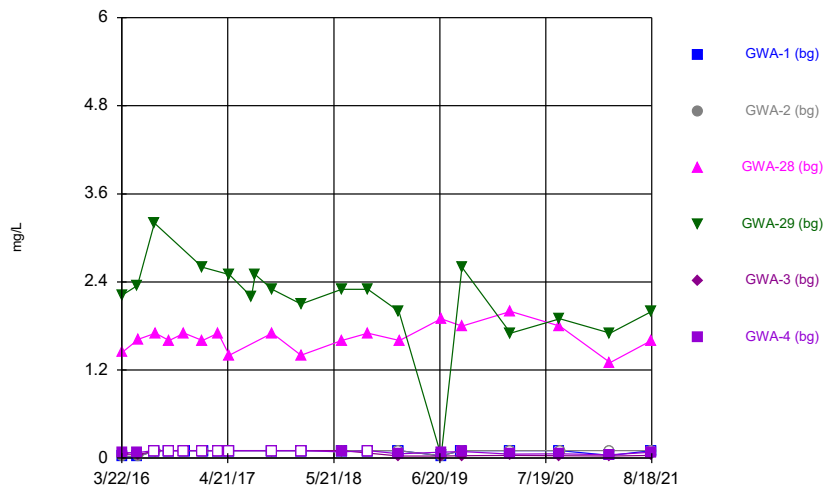
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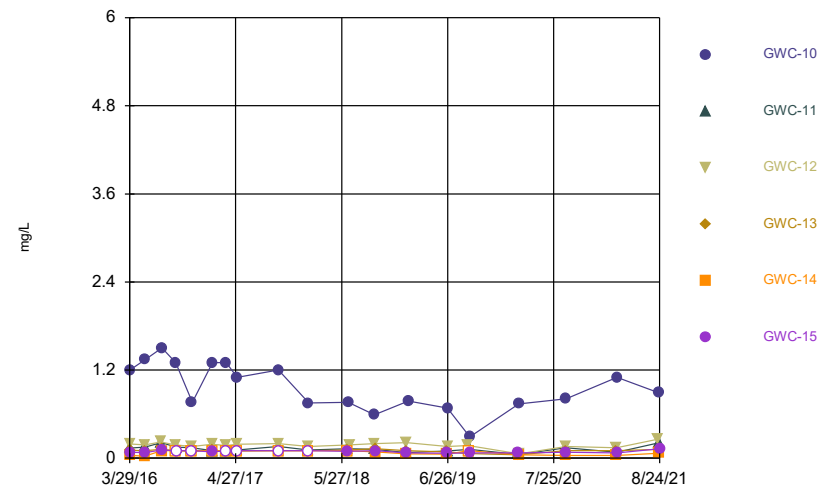
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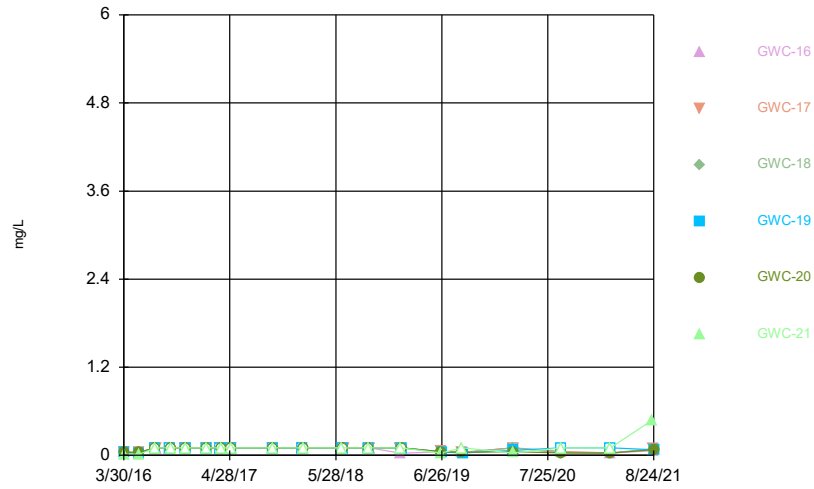
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



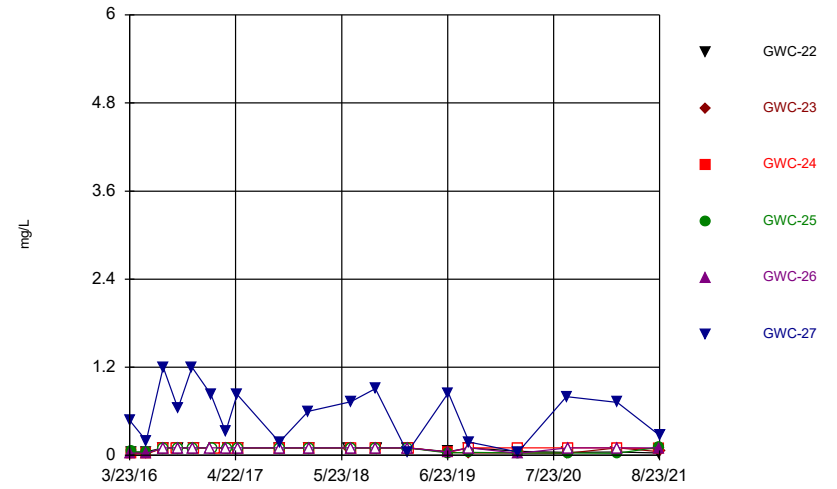
Constituent: Fluoride, total Analysis Run 10/11/2021 10:45 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



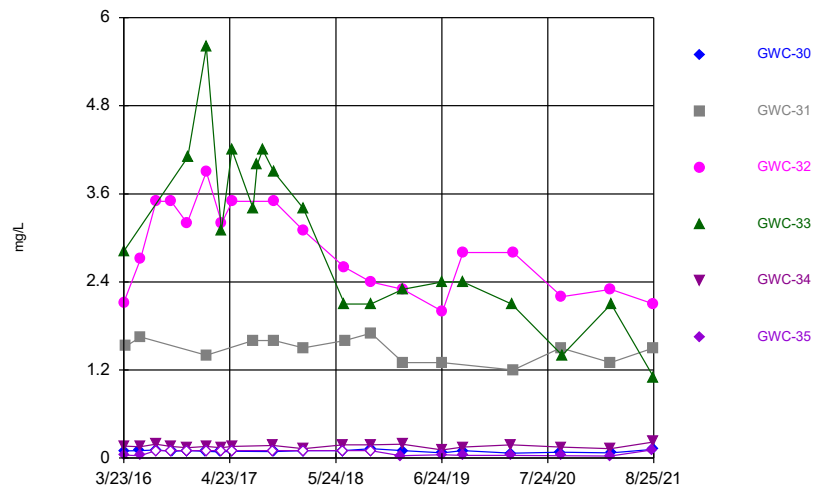
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



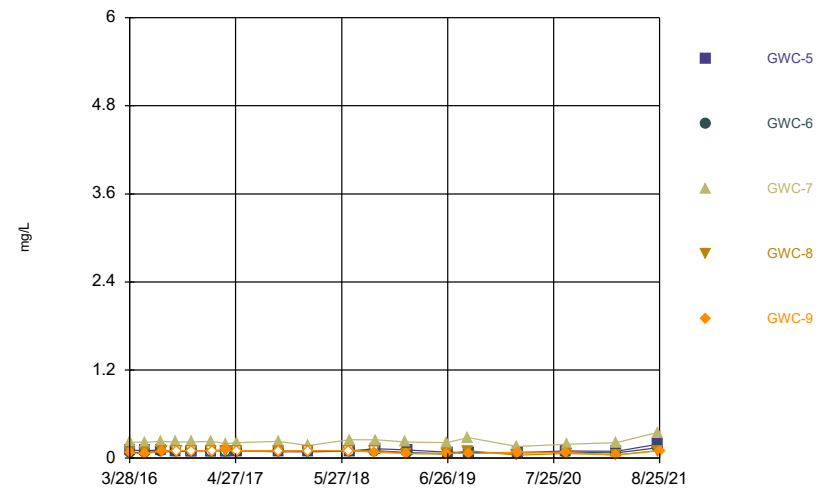
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



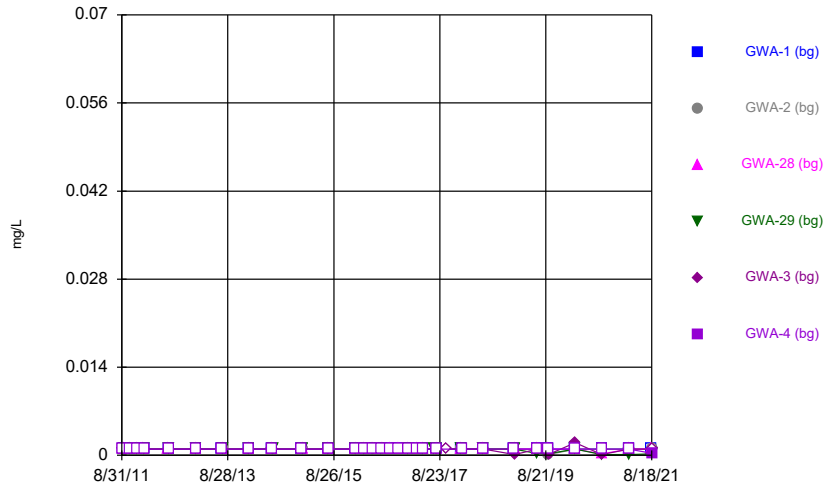
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



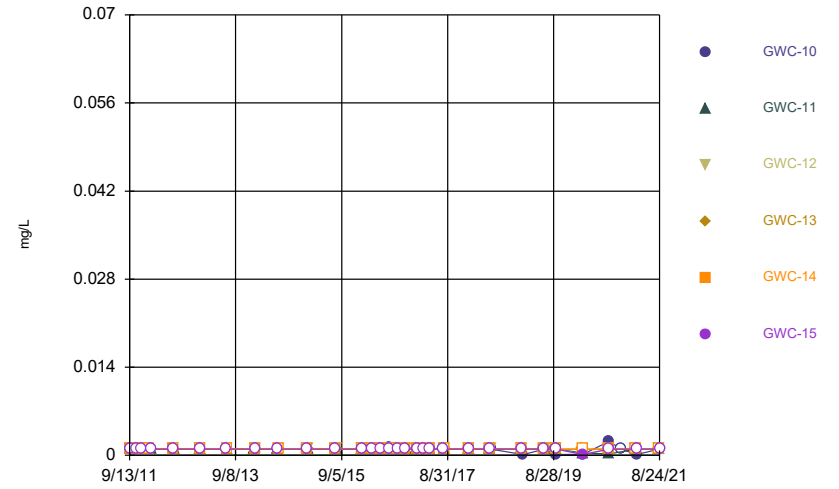
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



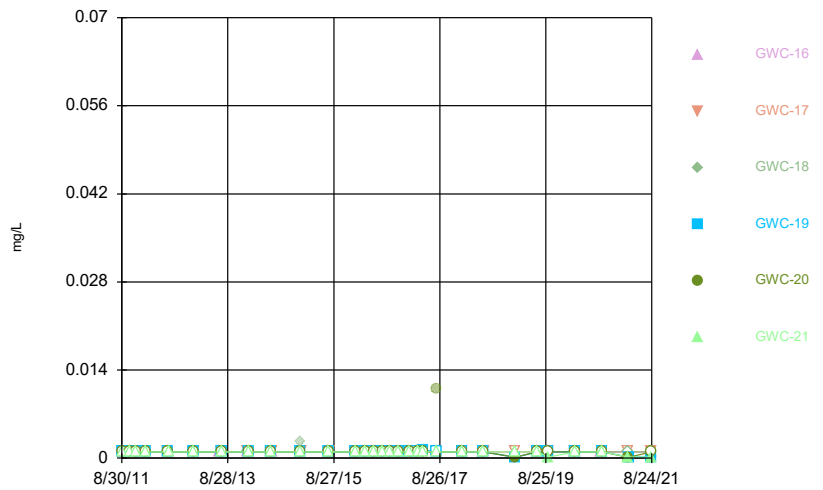
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



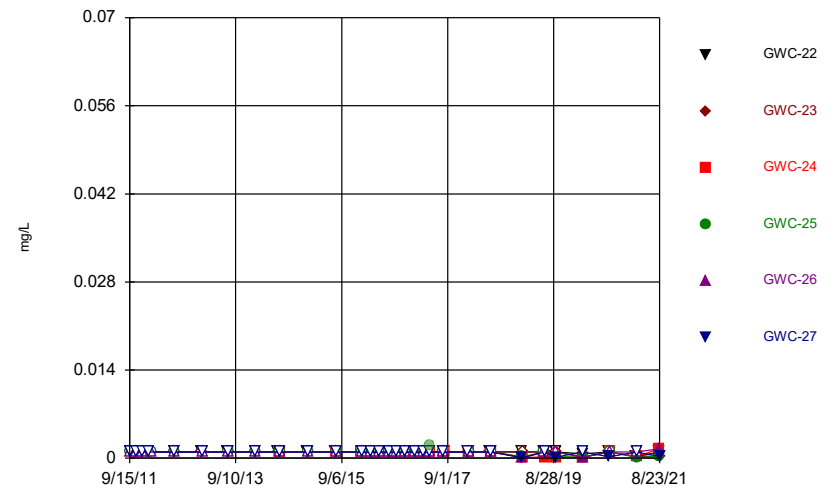
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Time Series



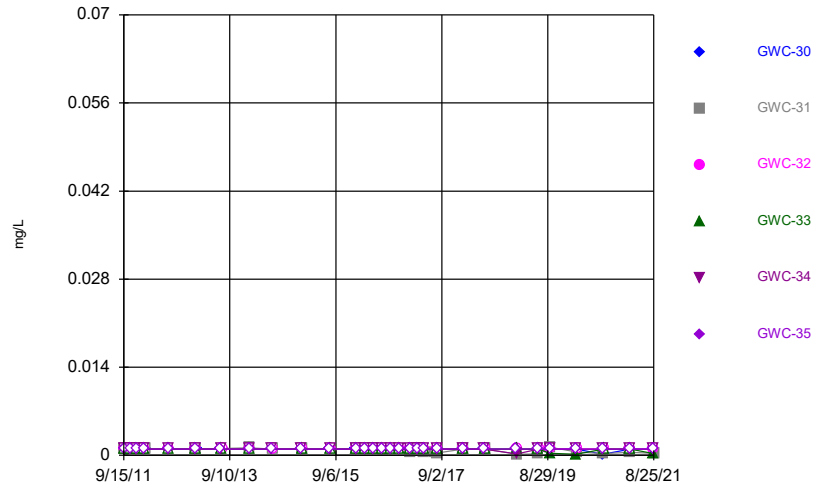
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Time Series



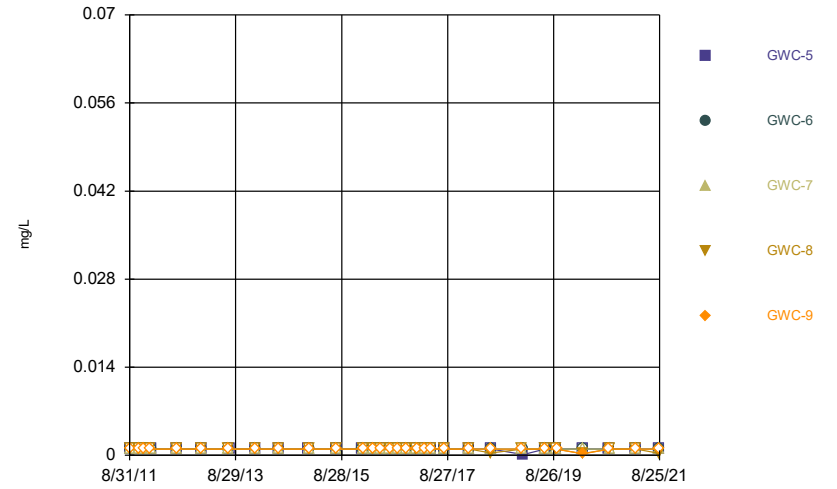
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Time Series



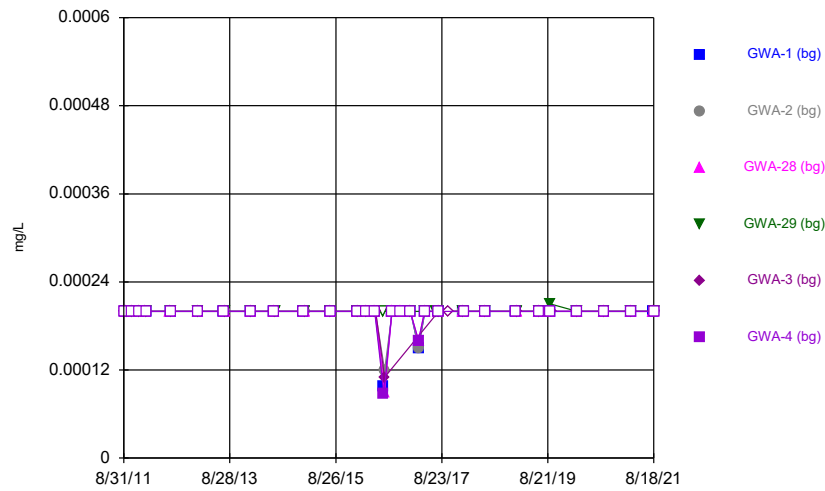
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Time Series



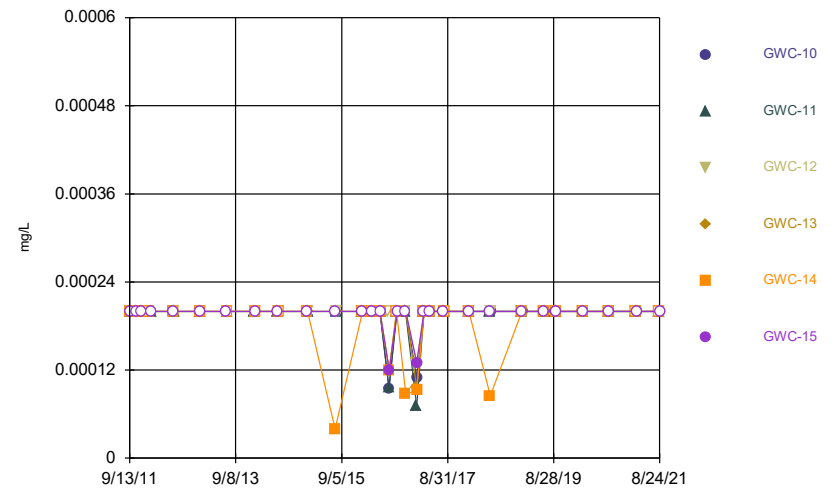
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



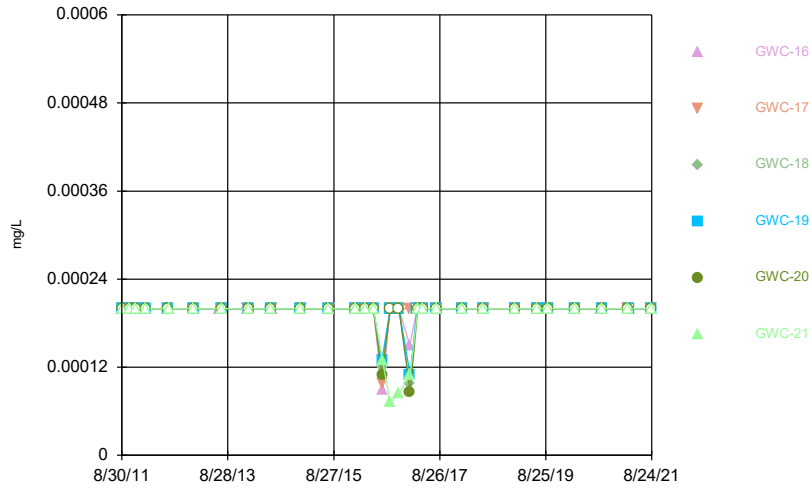
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Time Series



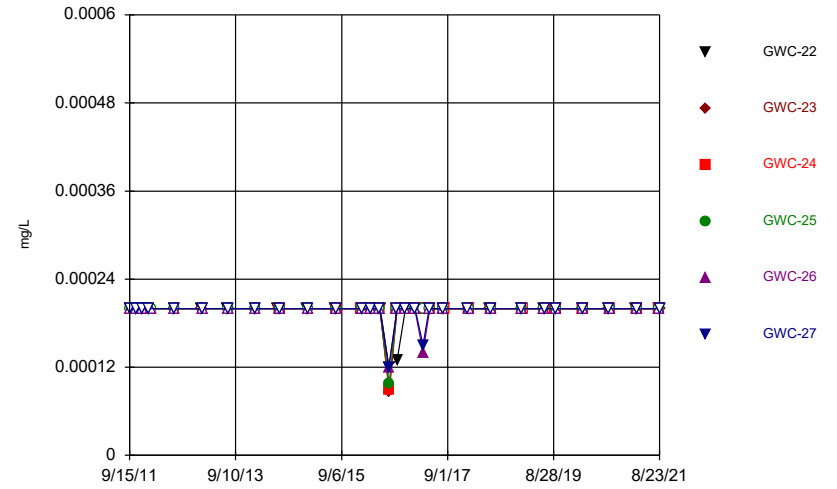
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Time Series



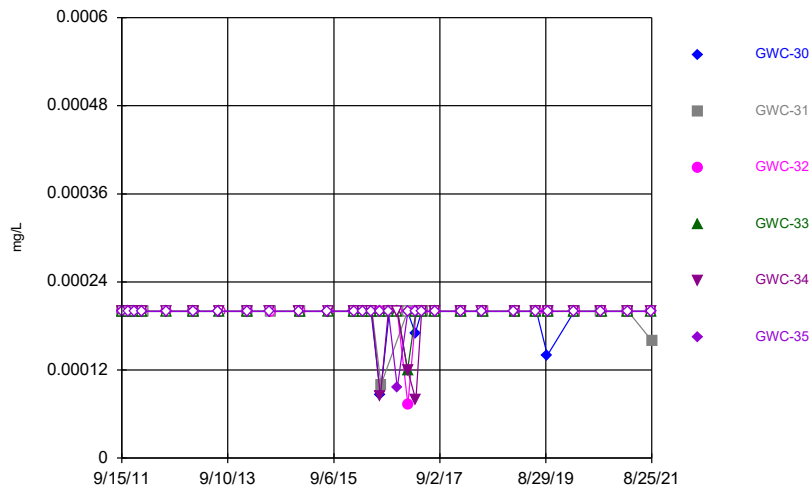
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Time Series



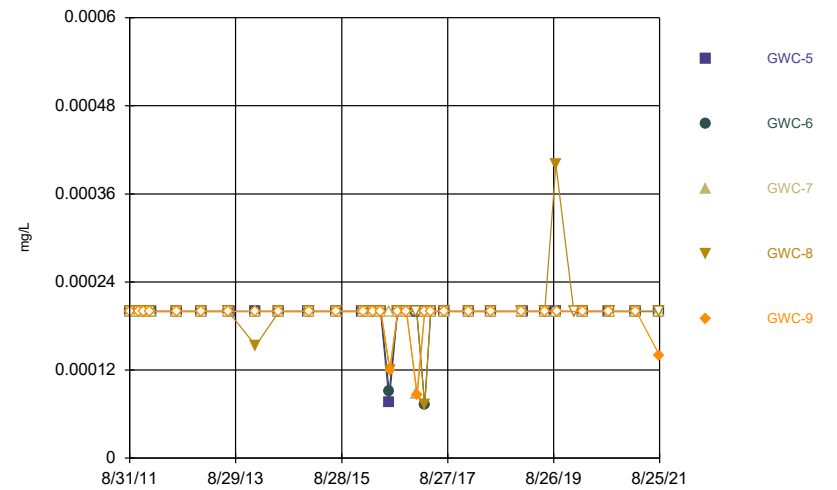
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Time Series



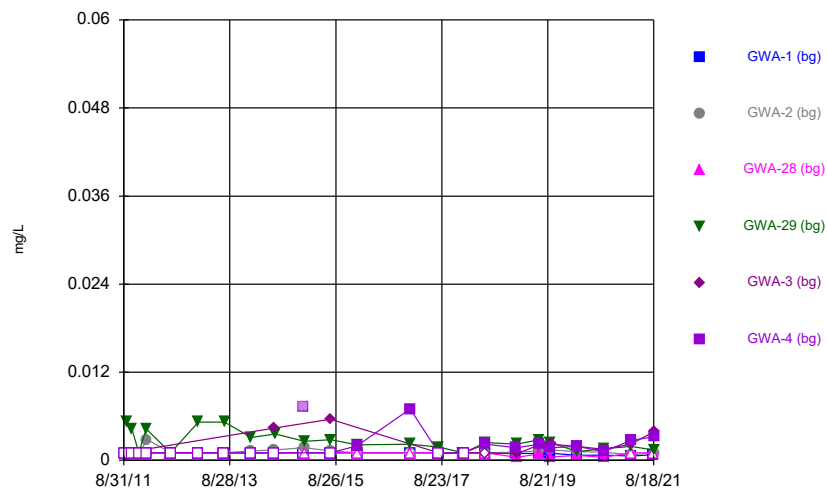
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



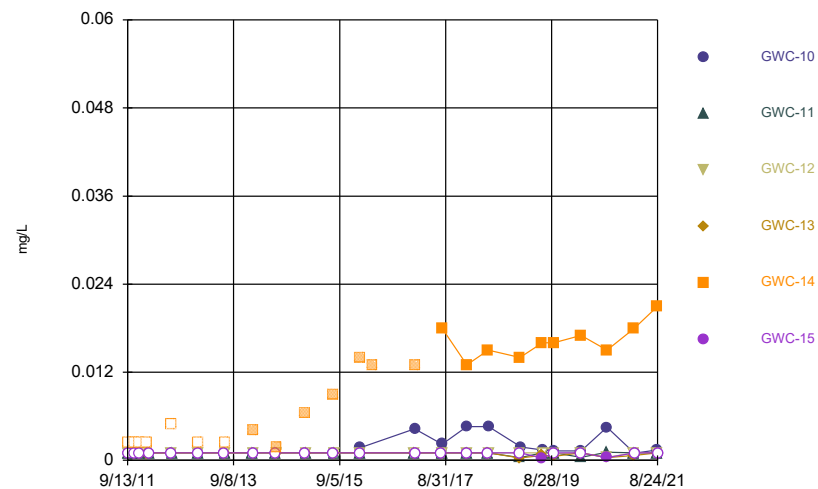
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



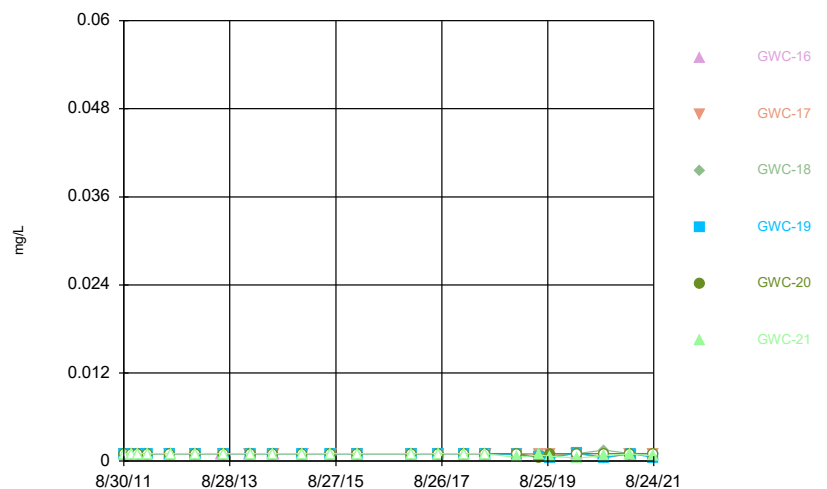
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



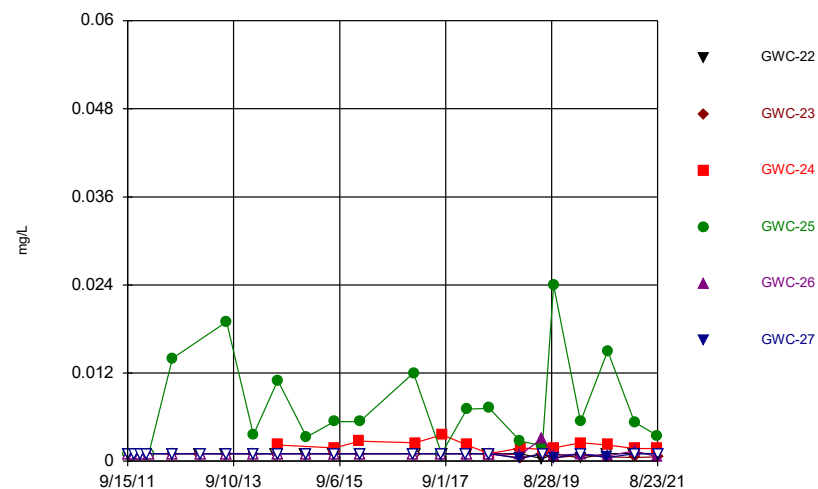
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



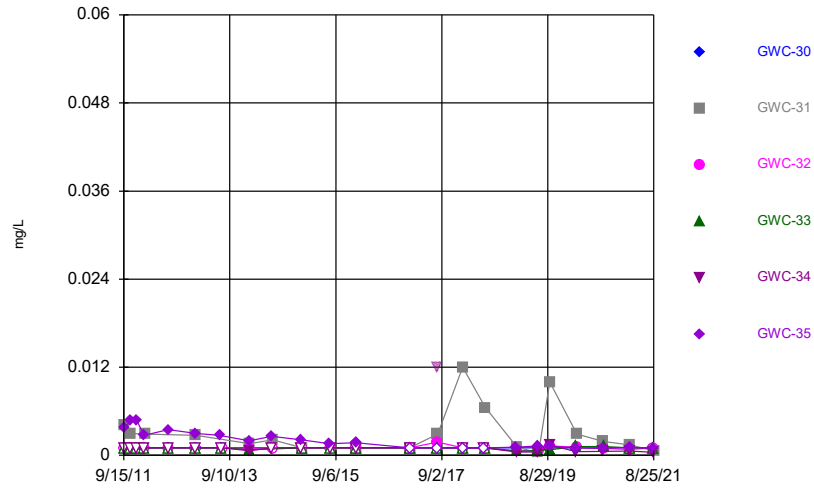
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



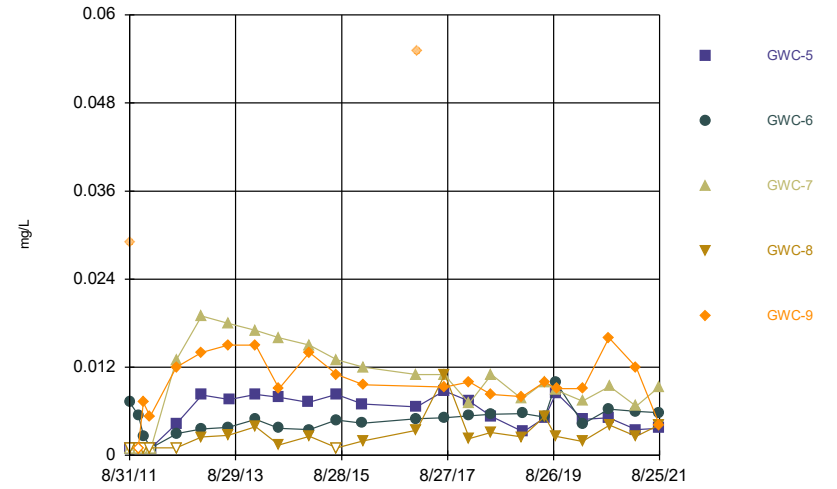
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Time Series



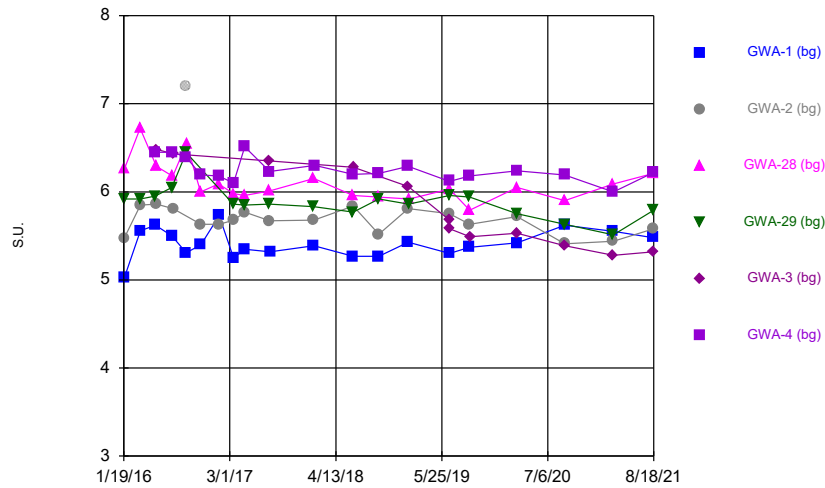
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



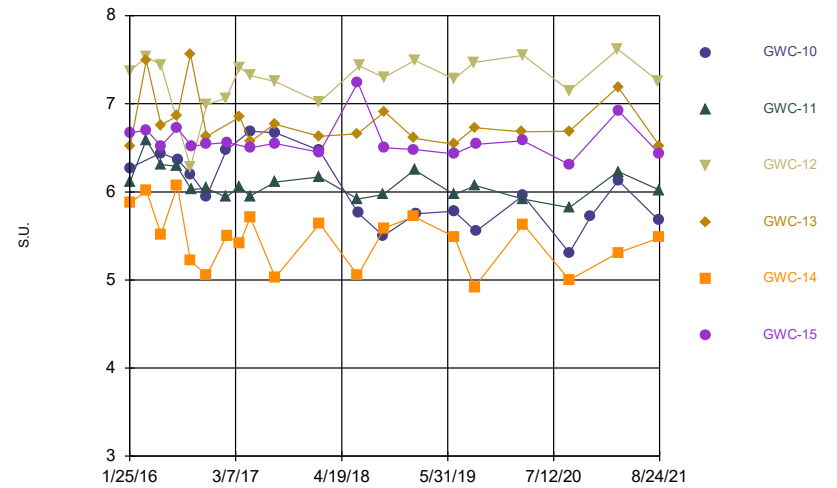
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



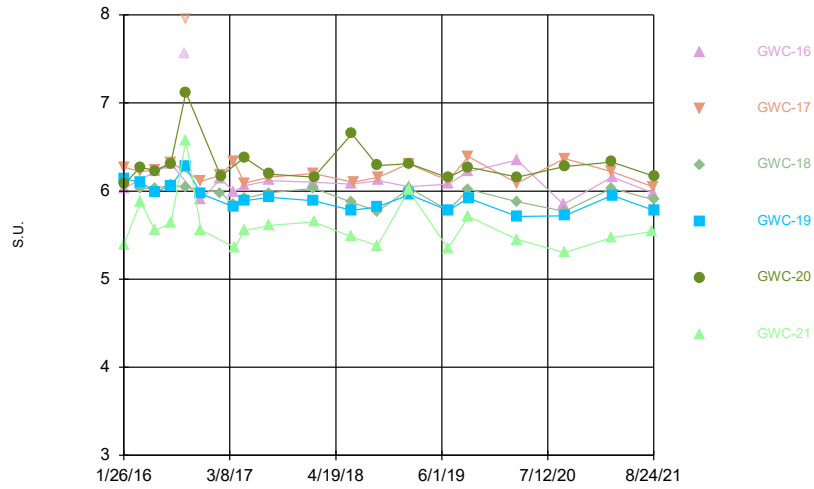
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Time Series



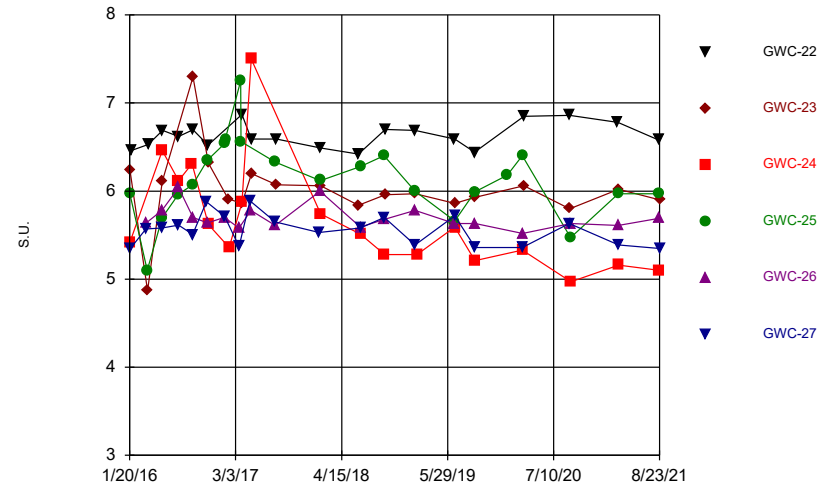
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Time Series



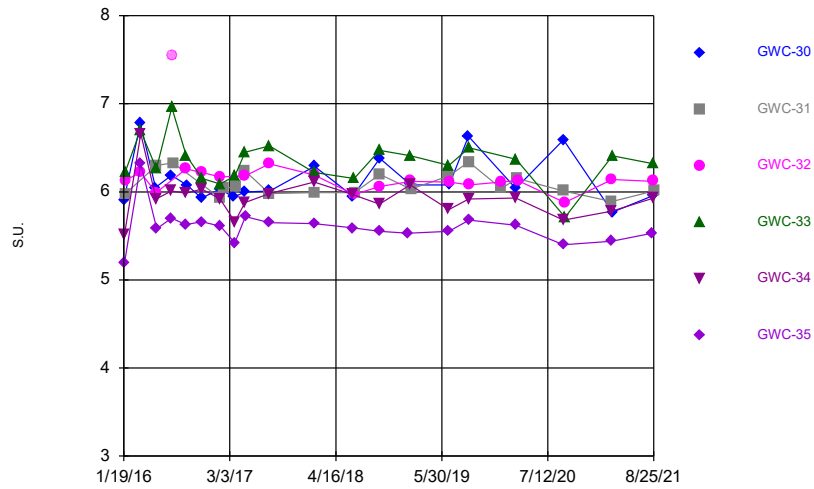
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Time Series



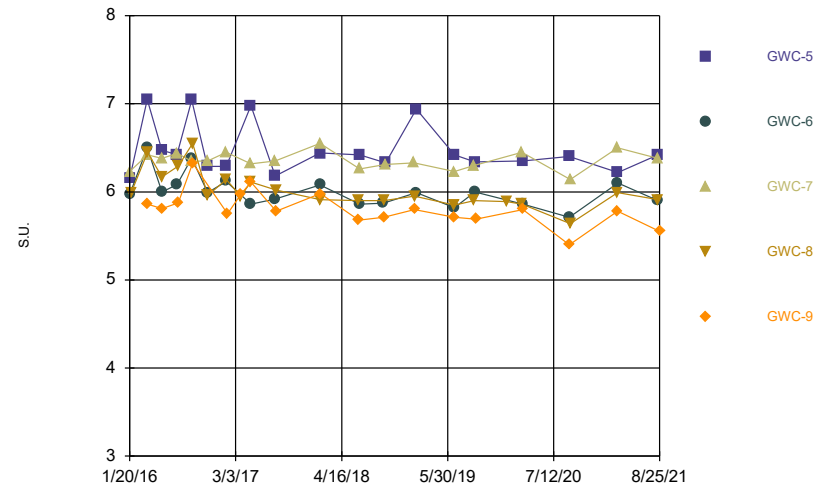
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Time Series



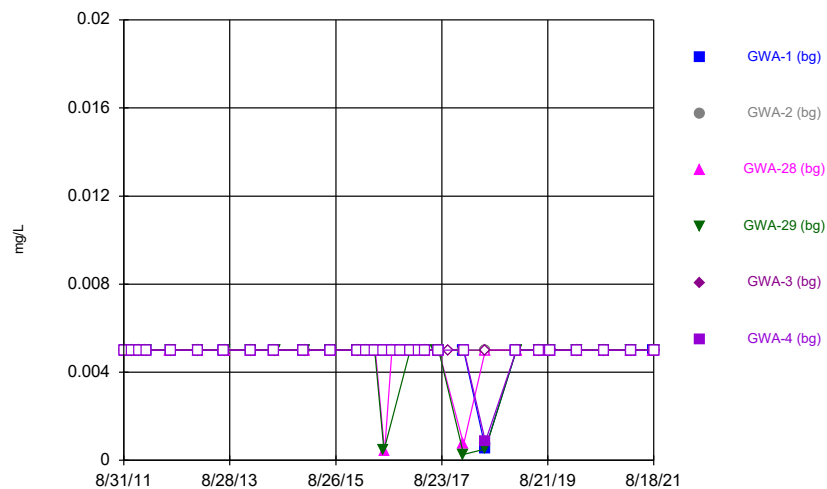
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Time Series



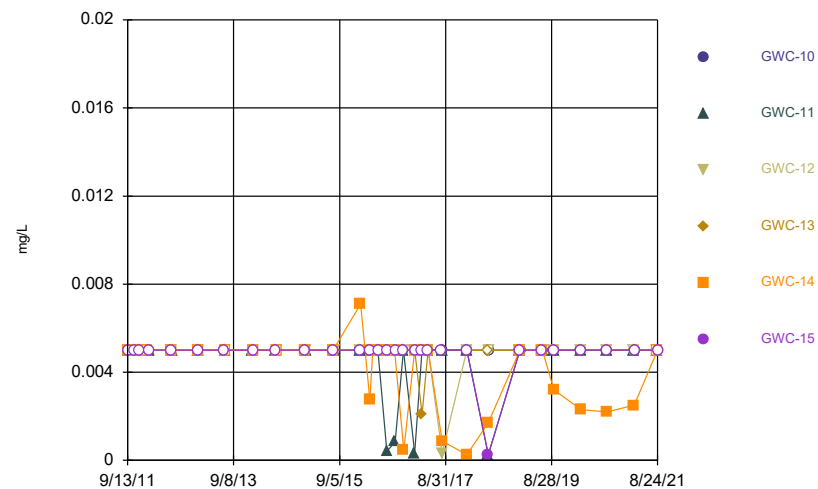
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Time Series



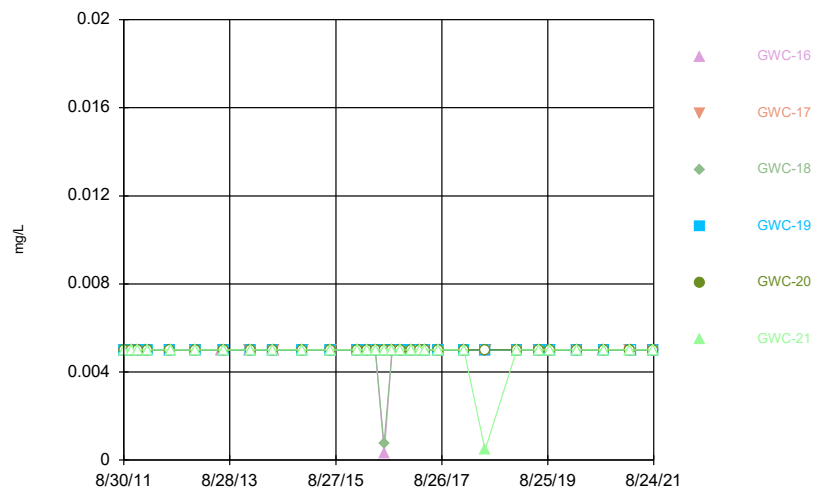
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Time Series



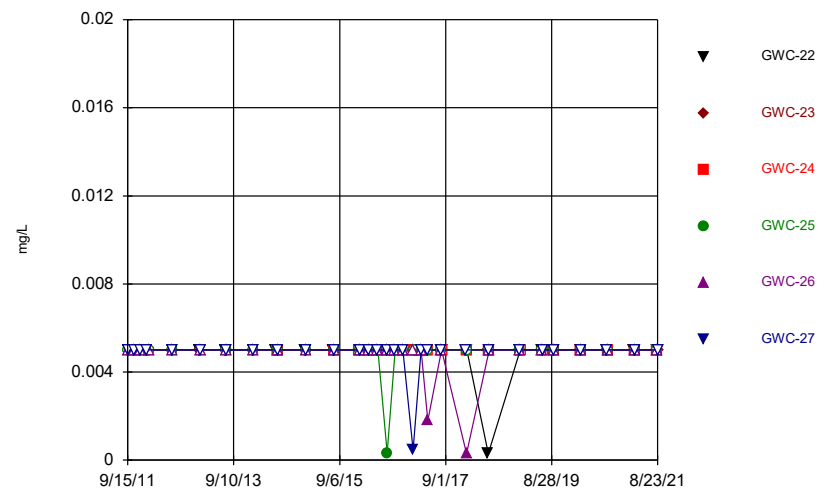
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Time Series



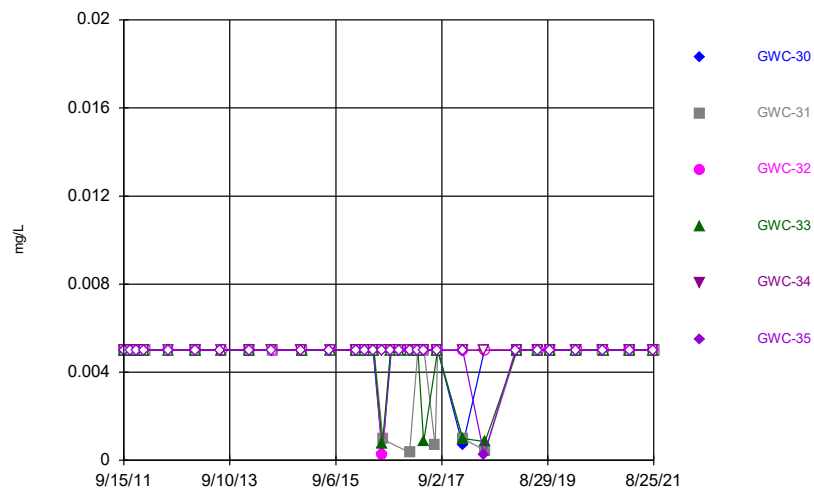
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Time Series



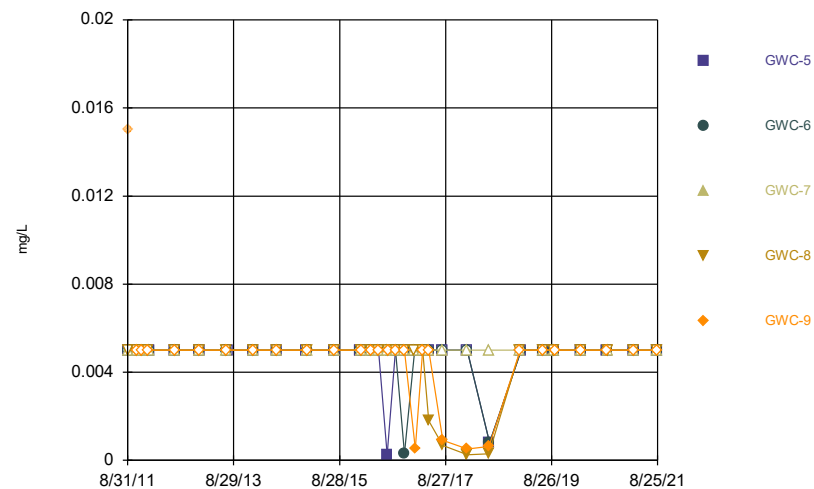
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Time Series



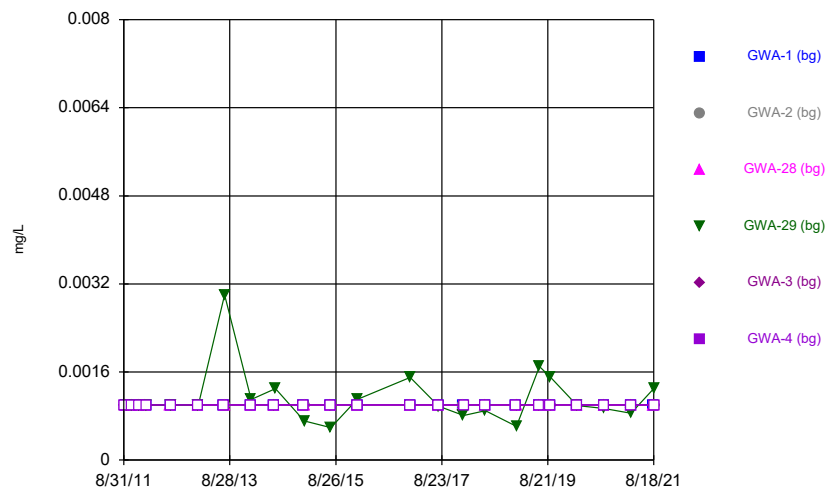
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Time Series



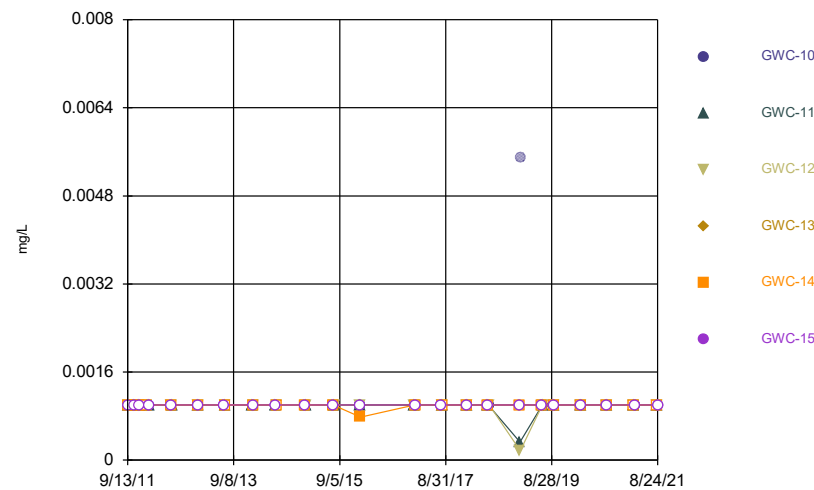
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Time Series



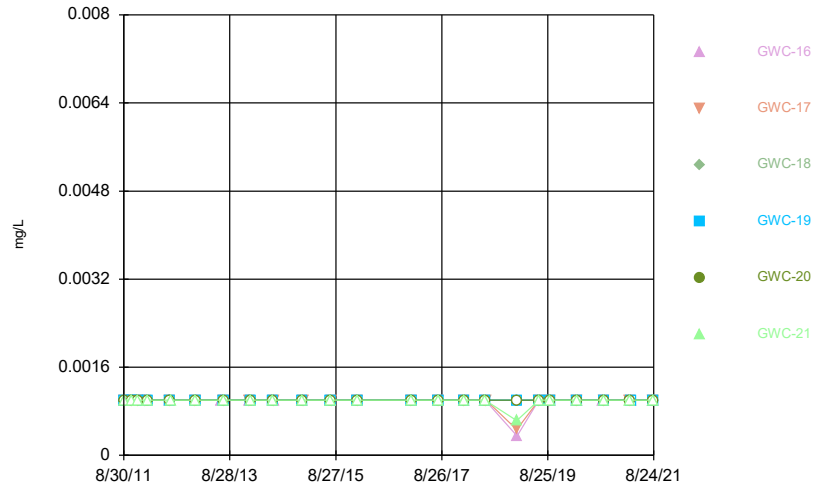
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Time Series



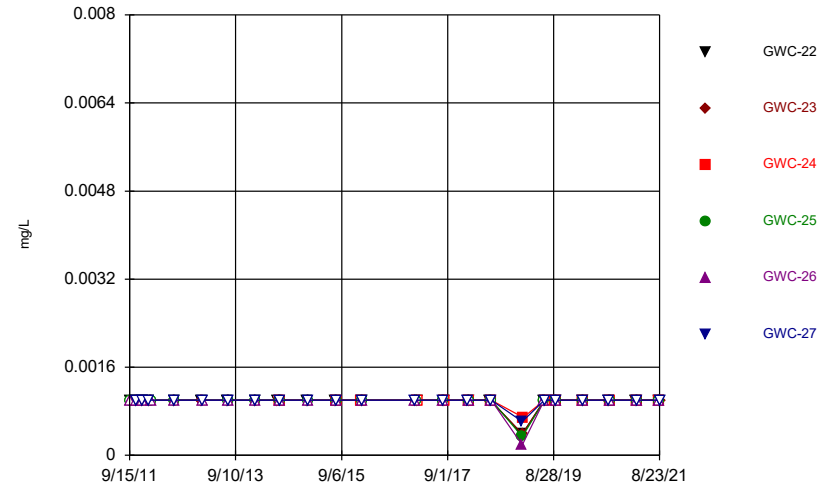
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Time Series



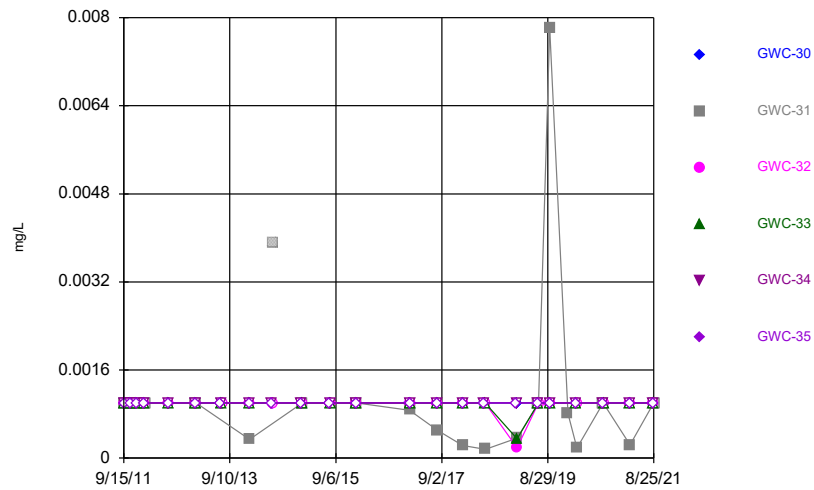
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Time Series



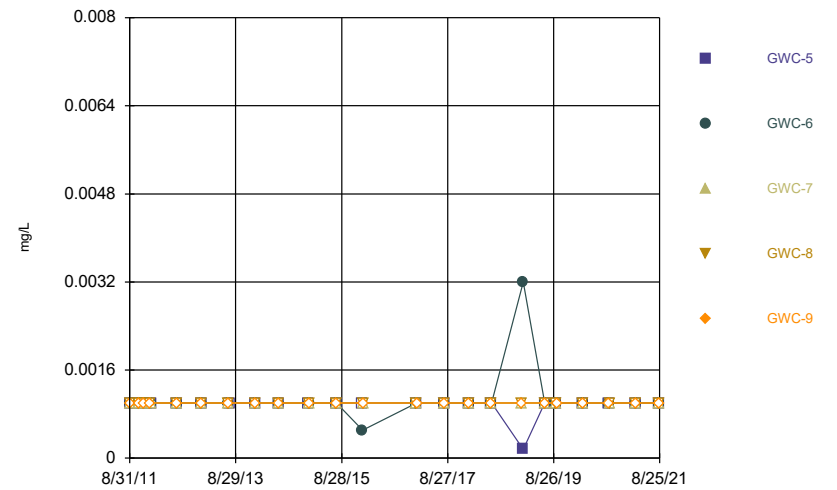
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Time Series



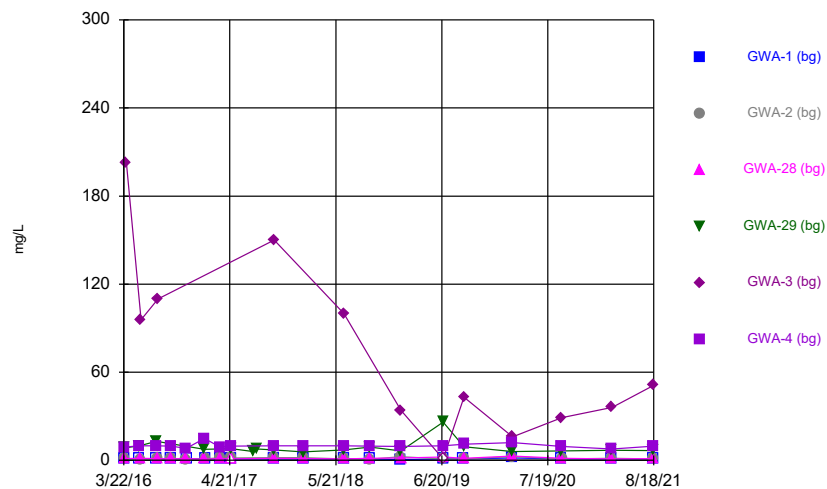
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Time Series



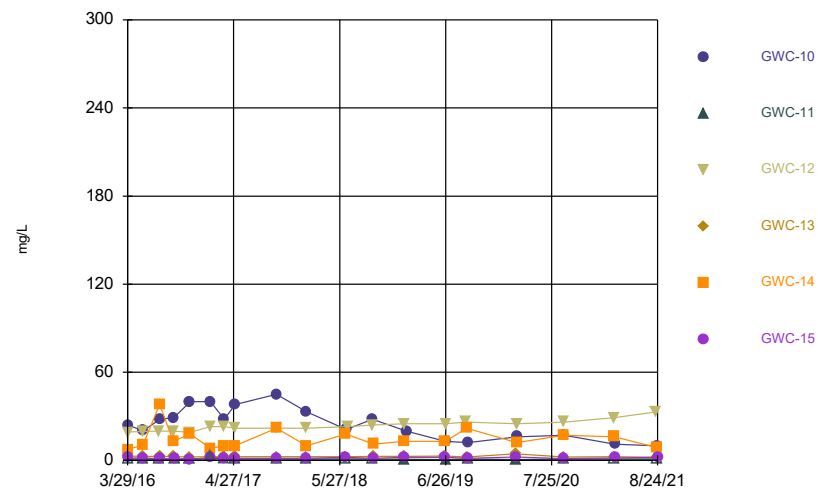
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



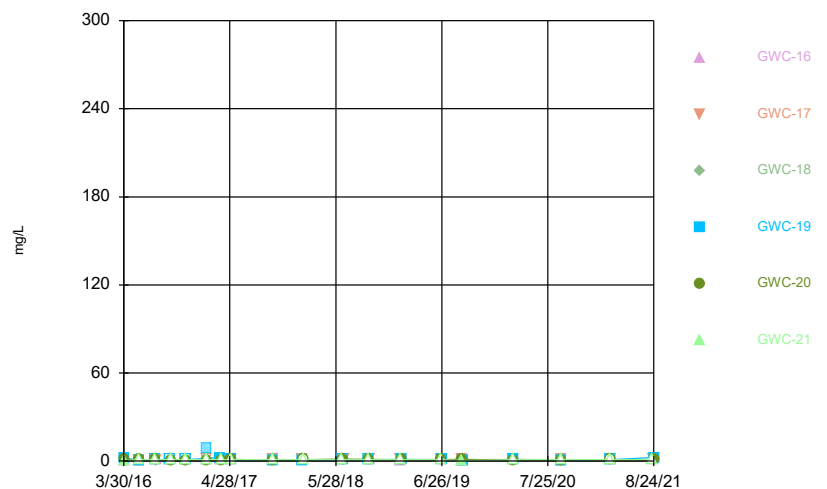
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



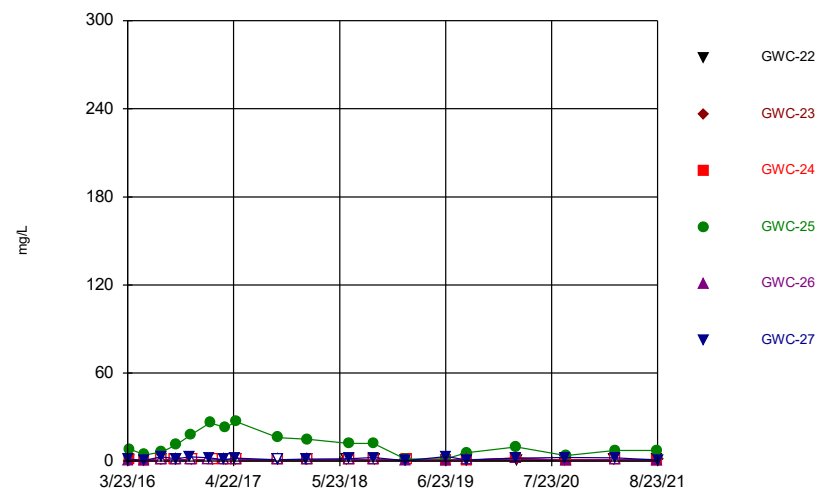
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Time Series



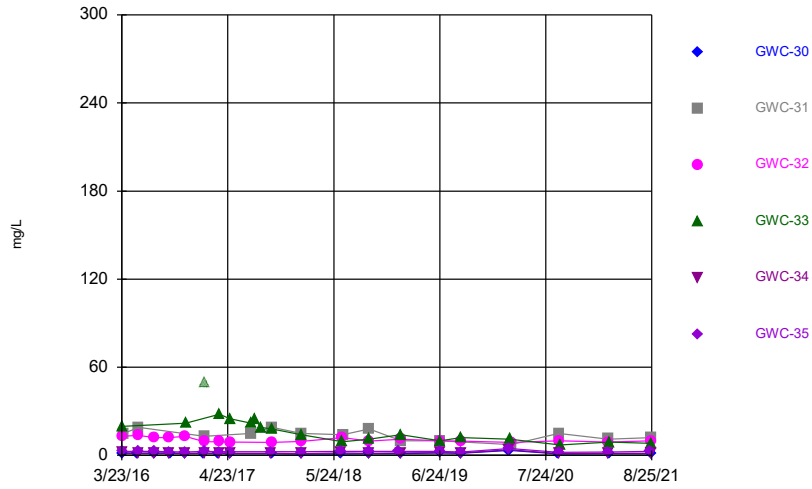
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Time Series



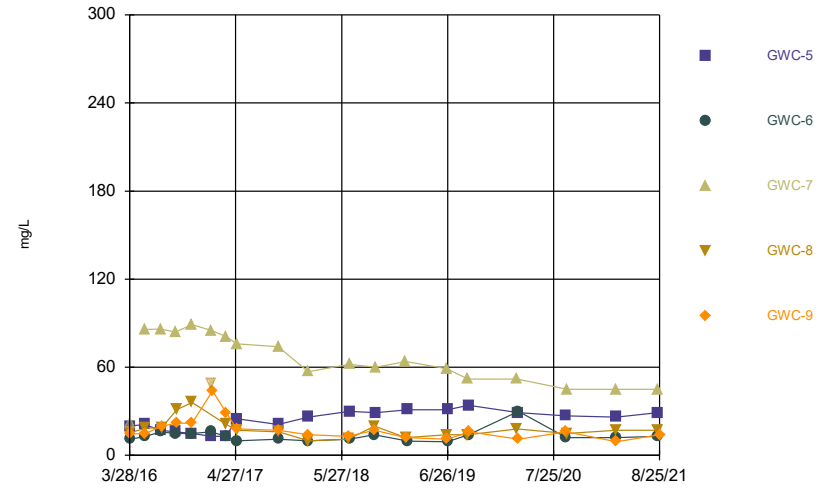
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Time Series



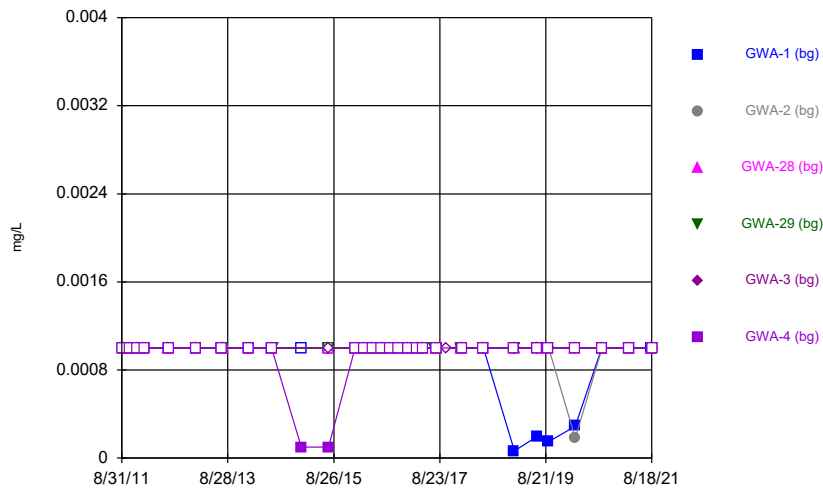
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Time Series



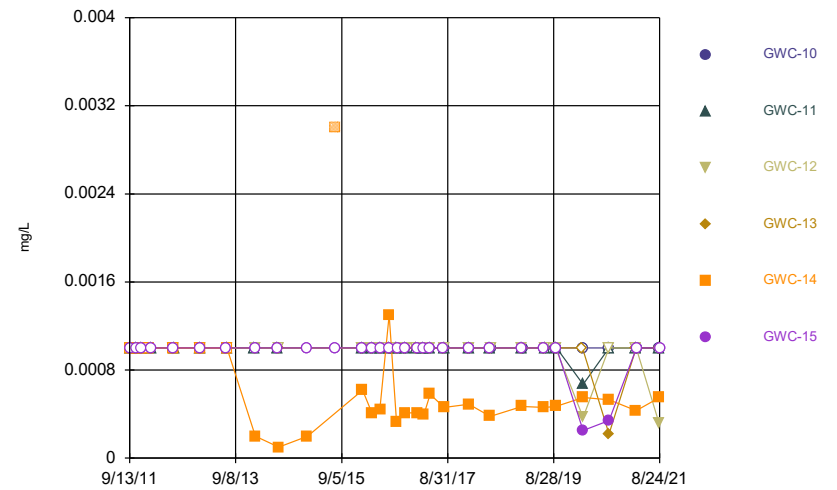
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



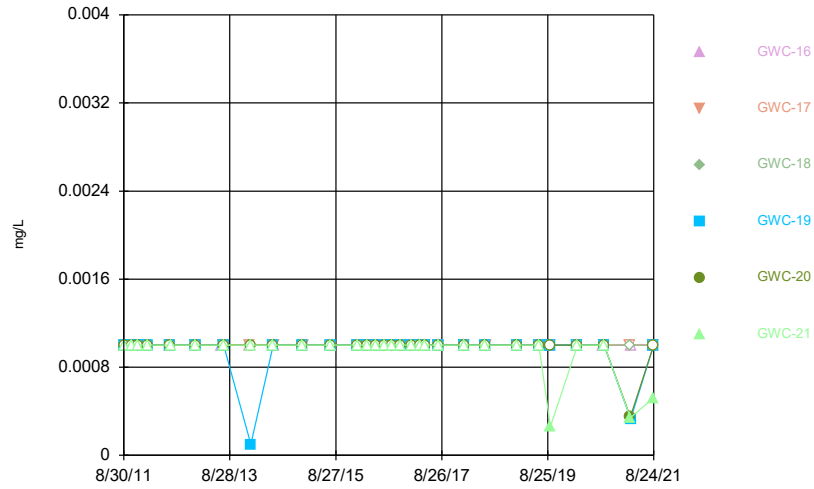
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Time Series



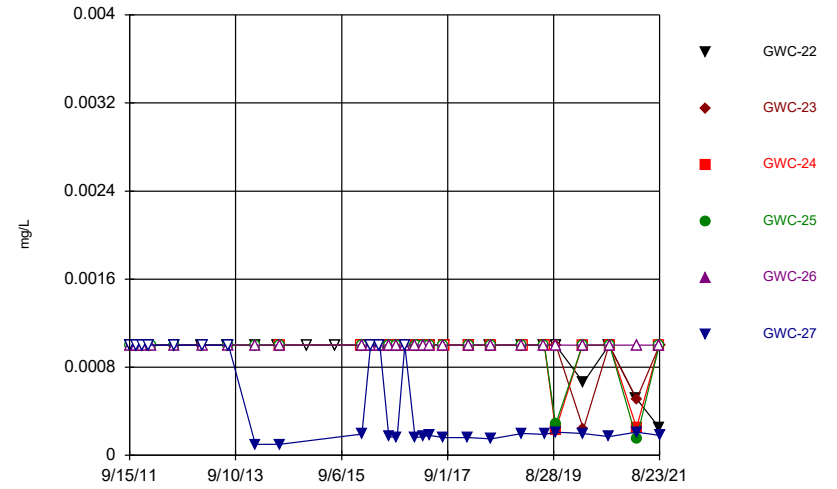
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Time Series



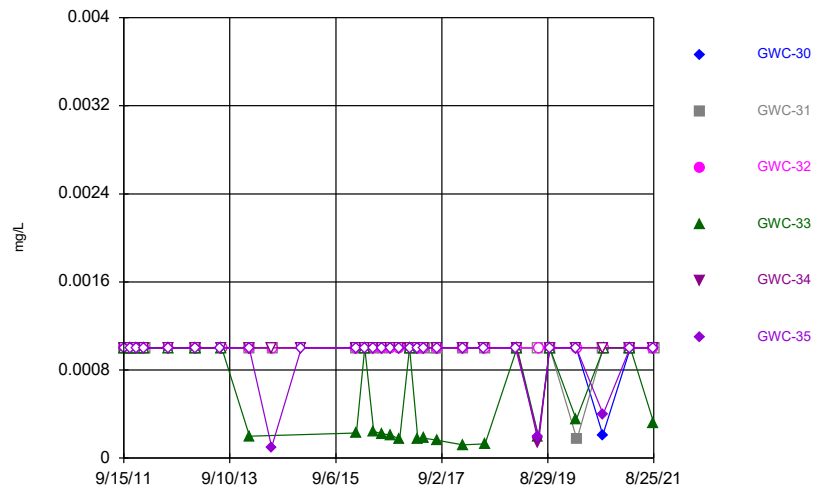
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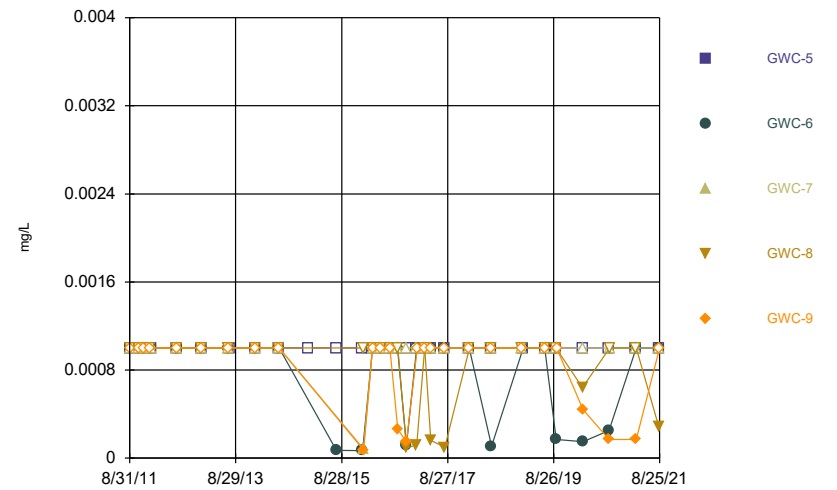
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Time Series



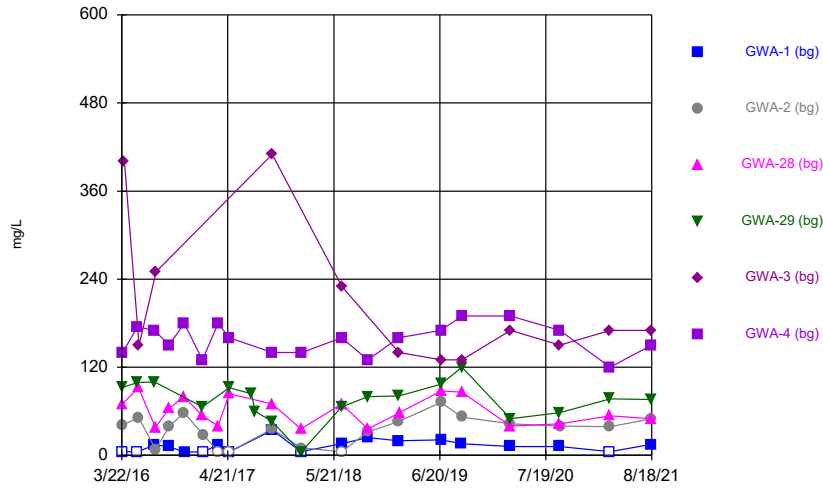
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



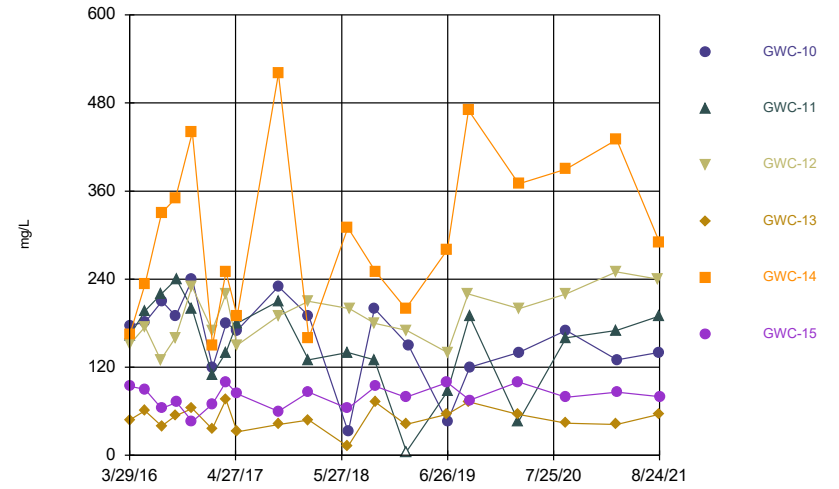
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



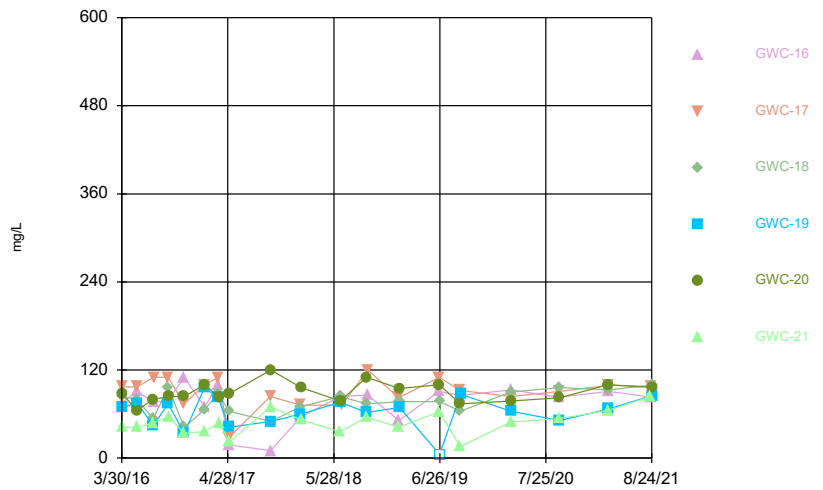
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



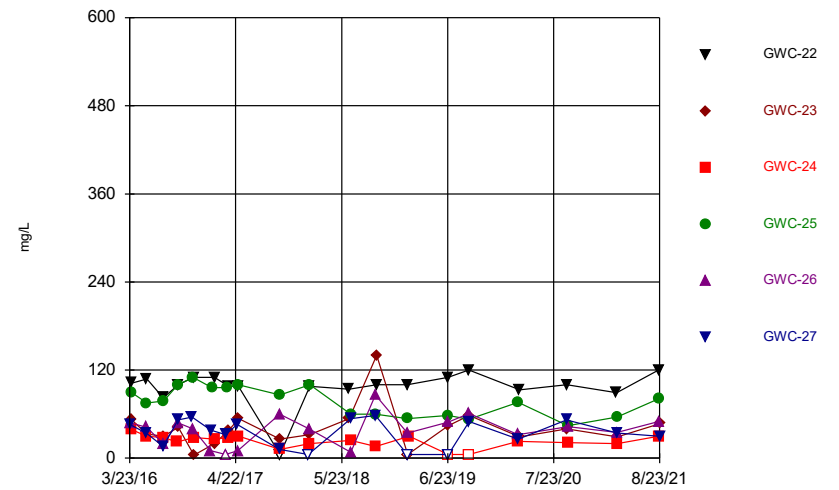
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



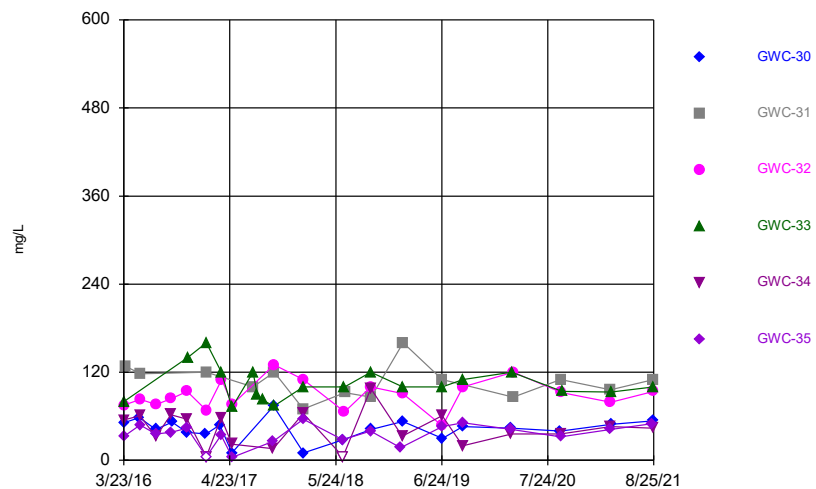
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



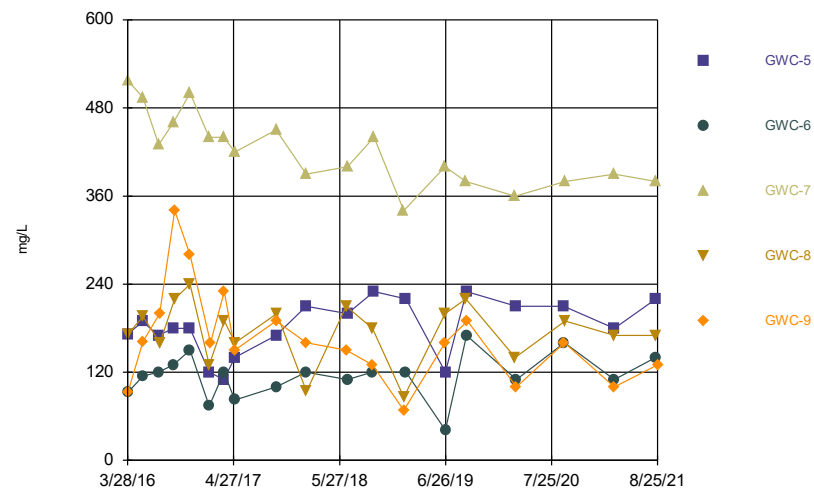
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



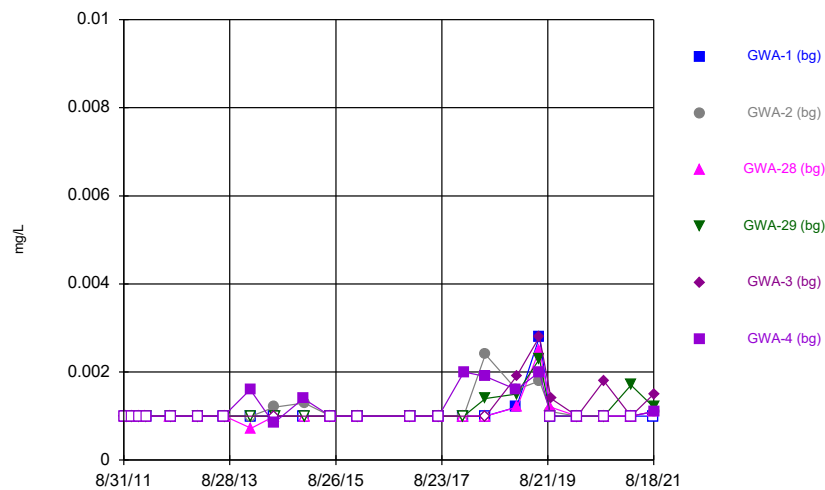
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



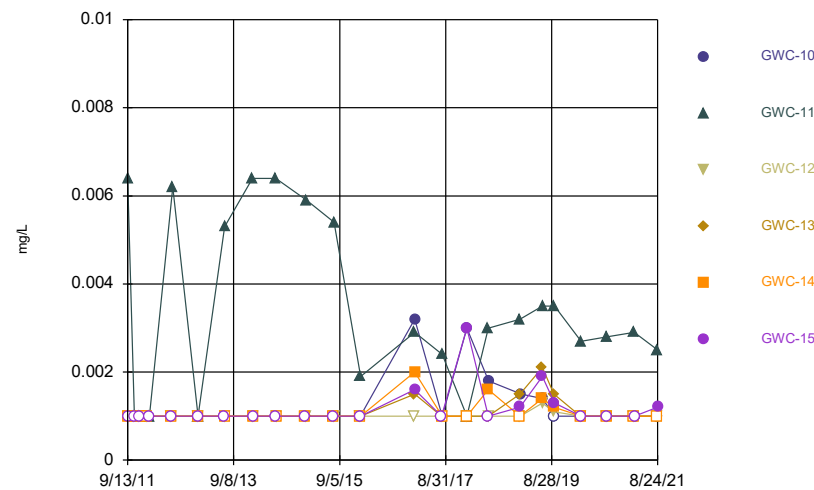
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



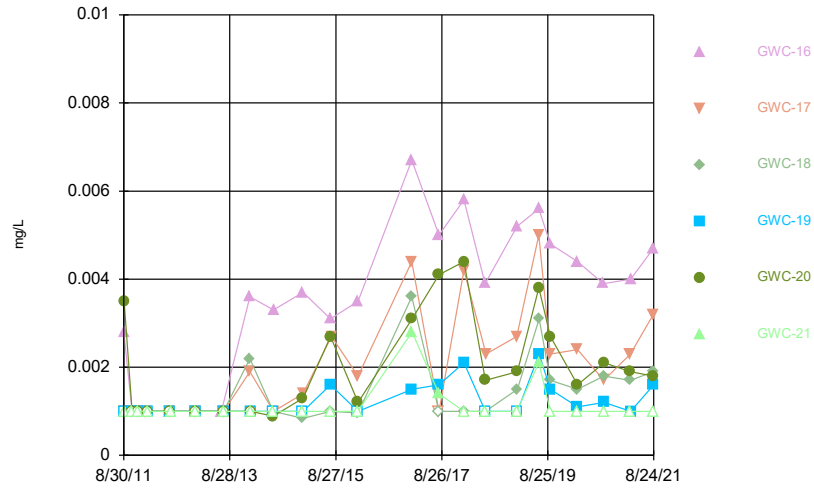
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Time Series



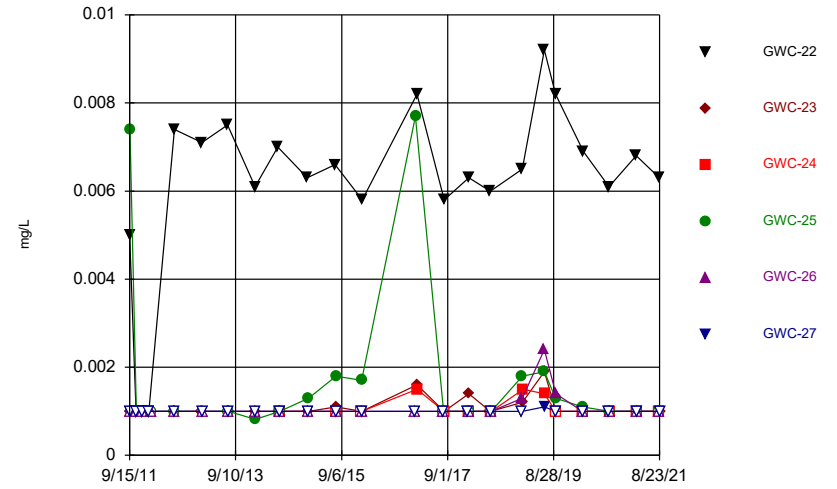
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Time Series



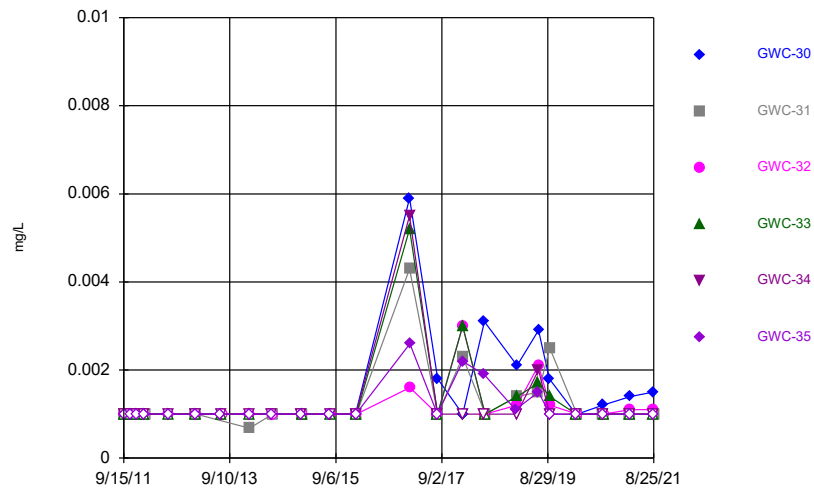
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Time Series



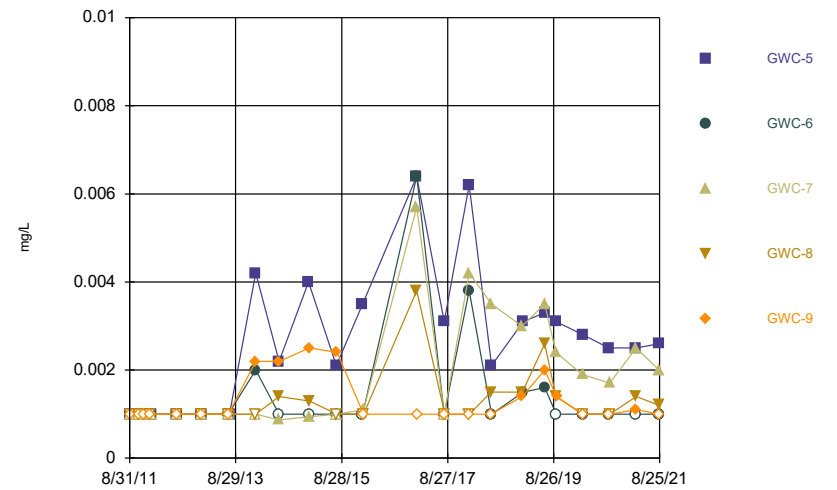
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Time Series



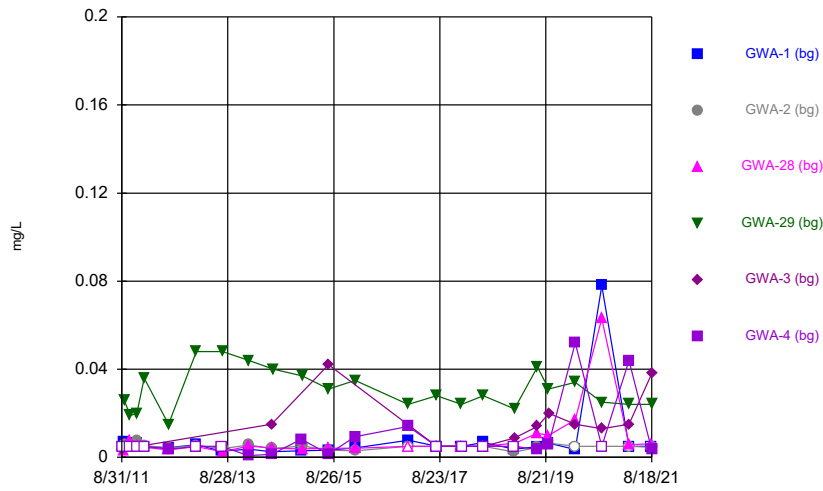
Constituent: Vanadium Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



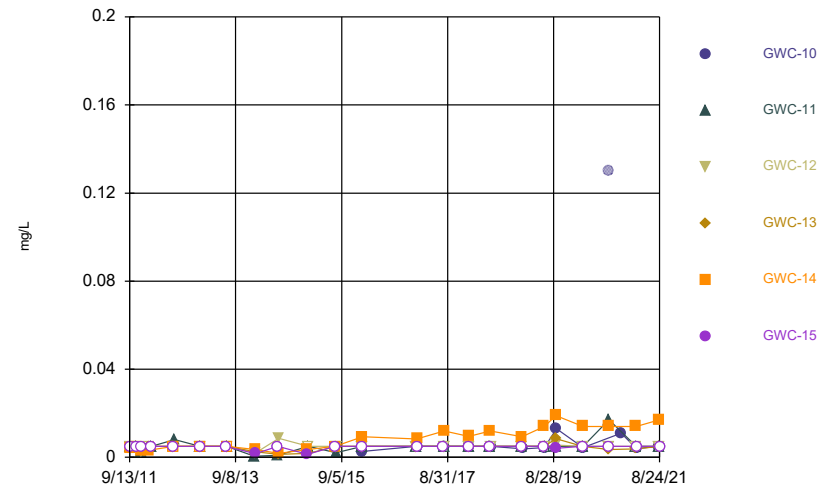
Constituent: Vanadium Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



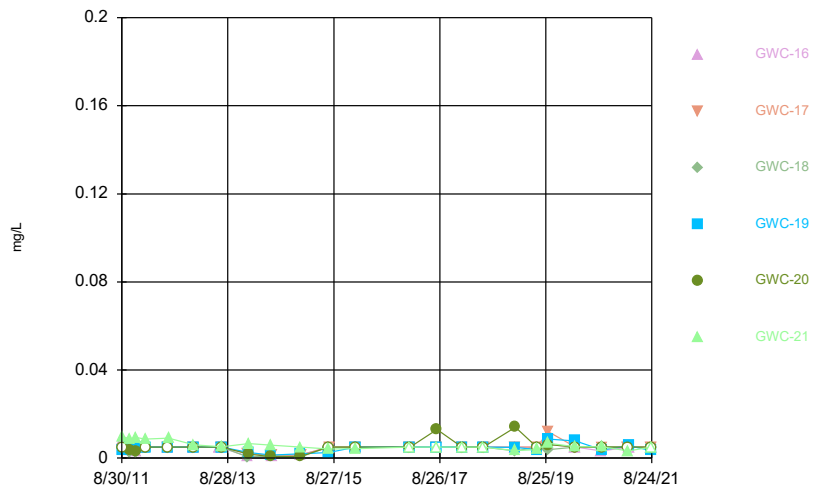
Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



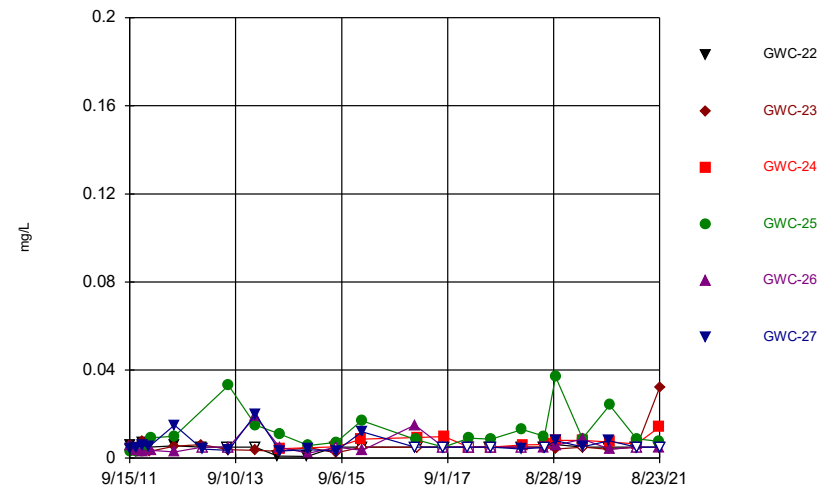
Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



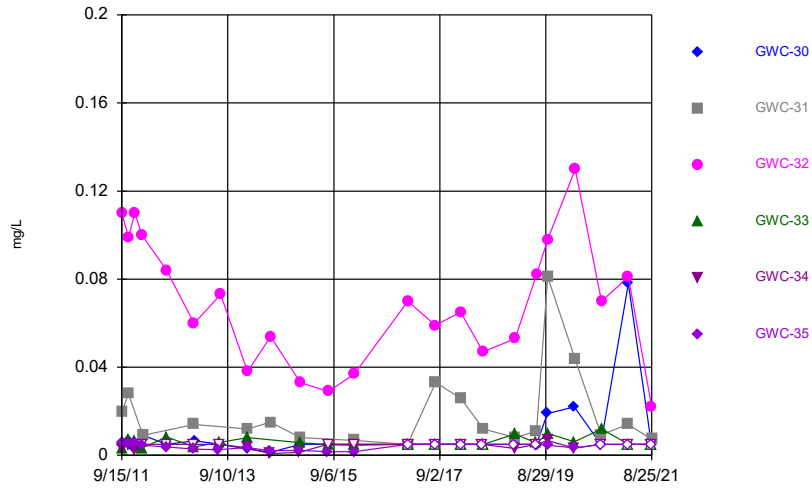
Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



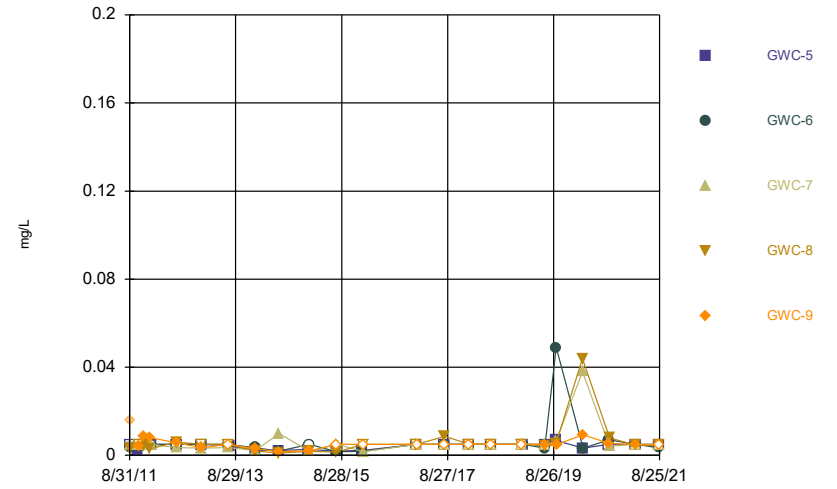
Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Zinc Analysis Run 10/11/2021 10:46 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<0.002
1/25/2012			<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					
7/23/2012		<0.002				<0.002
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	<0.002		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		<0.002		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	<0.002	<0.002		
6/25/2014	<0.002				<0.002	<0.002
7/1/2014		<0.002	<0.002			
7/8/2014				<0.002 (D)		
1/14/2015	<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		
1/19/2016				<0.002 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
3/22/2016			<0.002	0.00113 (J)		
3/23/2016	<0.002	0.00069 (J)				<0.002
3/31/2016					0.000602 (J)	
5/19/2016				0.00103 (J)		<0.002
5/20/2016	<0.002					
5/23/2016			0.00103 (J)			
5/24/2016		<0.002				
5/25/2016					0.000642 (J)	
7/21/2016	<0.002			0.0013 (J)		<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)			
9/16/2016		<0.002				
11/9/2016			<0.002			

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.002				<0.002
11/11/2016	<0.002					
1/17/2017			<0.002	<0.002		<0.002
1/19/2017	<0.002	<0.002				
3/16/2017	<0.002		<0.002			<0.002
3/17/2017		<0.002				
4/27/2017			<0.002	<0.002		<0.002
4/28/2017	<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					
10/3/2017					<0.002	
1/19/2018	<0.002	<0.002	<0.002	<0.002		
1/22/2018						<0.002
6/19/2018	<0.002	<0.002	<0.002	<0.002		<0.002
6/20/2018					<0.002	
1/17/2019	<0.002	<0.002				<0.002
1/18/2019				<0.002	<0.002	
1/21/2019			<0.002			
6/24/2019	<0.002	<0.002				<0.002
6/25/2019			<0.002	<0.002	<0.002	
9/9/2019	<0.002					
9/10/2019		<0.002	<0.002	<0.002		<0.002
9/11/2019					<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002
9/10/2020		<0.002				
3/15/2021	<0.002	<0.002	<0.002	0.00047 (J)	<0.002	<0.002
8/16/2021	<0.002		<0.002			
8/18/2021		<0.002		<0.002	<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.002	<0.002	<0.002	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		<0.002	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		<0.002	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/9/2012		<0.002				<0.002
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<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
6/25/2014		<0.002				
7/1/2014			<0.002	<0.002	<0.002	
1/14/2015					<0.002	<0.002
1/21/2015		<0.002	<0.002	<0.002		
7/22/2015					<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			
1/27/2016				<0.002	<0.002	<0.002
3/29/2016		<0.002	<0.002	<0.002		
3/30/2016	<0.002				<0.002	<0.002
5/25/2016	0.000703 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
7/22/2016			<0.002			
7/25/2016		<0.002				
7/26/2016				<0.002	<0.002	<0.002
7/27/2016	<0.002					
9/15/2016			<0.002	<0.002	<0.002	
9/16/2016	<0.002					
9/19/2016		<0.002				
9/20/2016						<0.002
11/16/2016		<0.002	<0.002			
11/17/2016	<0.002			<0.002	<0.002	<0.002
1/31/2017		<0.002	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
3/23/2017		<0.002	<0.002	<0.002	<0.002	<0.002
3/24/2017	<0.002					
5/2/2017		<0.002				
5/3/2017	<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	
8/8/2017	<0.002					
1/24/2018		<0.002	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		<0.002		<0.002	<0.002	<0.002
6/21/2018	<0.002					

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.002			
1/22/2019				<0.002	<0.002	<0.002
1/24/2019		<0.002				
1/25/2019			<0.002			
1/31/2019	0.00048 (J)					
6/25/2019				<0.002	<0.002	<0.002
6/26/2019	<0.002	<0.002	<0.002			
9/11/2019			<0.002			
9/12/2019				<0.002	<0.002	
9/16/2019		<0.002				
9/17/2019	<0.002					<0.002
3/12/2020				<0.002		
3/16/2020		<0.002				<0.002
3/17/2020	<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
3/16/2021			<0.002			
3/17/2021		<0.002		0.00075 (J)	<0.002	
3/18/2021	<0.002					<0.002
8/19/2021			<0.002			
8/20/2021	<0.002					
8/23/2021		<0.002		<0.002	<0.002	
8/24/2021						<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.002	<0.002	<0.002	<0.002		
8/31/2011					<0.002	<0.002
10/26/2011	<0.002	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<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	<0.002	
7/17/2012						<0.002
1/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	<0.002					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	<0.002	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002				
1/13/2015	<0.002		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	<0.002					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		<0.002				
1/26/2016						<0.002
1/27/2016	<0.002	<0.002	<0.002	<0.002	<0.002	
3/30/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/25/2016	<0.002	<0.002				
5/26/2016			<0.002	<0.002	<0.002	<0.002
7/25/2016			0.0022 (J)	<0.002	<0.002	
7/26/2016						<0.002
7/27/2016	<0.002	<0.002				
9/16/2016	<0.002					
9/19/2016		<0.002	<0.002	<0.002		
9/20/2016					<0.002	<0.002
11/17/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/1/2017	<0.002	<0.002	<0.002			
2/2/2017				<0.002	<0.002	<0.002
3/24/2017	<0.002	<0.002	<0.002	<0.002		
3/28/2017					<0.002	<0.002
5/3/2017	<0.002	<0.002	<0.002	<0.002		
5/4/2017					<0.002	<0.002
8/7/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1/25/2018	<0.002	<0.002	<0.002	<0.002		
1/26/2018					<0.002	<0.002
6/20/2018	<0.002					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		<0.002				<0.002
1/25/2019	<0.002					
1/28/2019			<0.002	<0.002	<0.002	
6/25/2019	<0.002	<0.002			<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.002		
6/27/2019			<0.002			
9/11/2019	<0.002	<0.002	<0.002		<0.002	<0.002
9/12/2019				<0.002		
3/17/2020	<0.002	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	<0.002					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	<0.002
3/17/2021	<0.002			<0.002		
8/19/2021						<0.002
8/20/2021	<0.002	<0.002				
8/24/2021			<0.002	<0.002	<0.002	

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		<0.002				
9/17/2011				<0.002	<0.002	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				<0.002	<0.002	
7/17/2012				<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002				
1/22/2013	<0.002	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		<0.002				
7/24/2013				<0.002	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				<0.002	<0.002	<0.002
6/25/2014	<0.002					
7/1/2014		<0.002				
7/8/2014			<0.002	<0.002	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	<0.002	<0.002				
7/29/2015		<0.002				
7/30/2015				<0.002		<0.002
7/31/2015			<0.002		<0.002	
1/20/2016			<0.002			
1/21/2016		<0.002		<0.002		
1/22/2016						<0.002
1/25/2016					<0.002	
1/26/2016	<0.002					
3/23/2016						<0.002
3/24/2016					0.000653 (J)	
3/28/2016				<0.002		
3/29/2016		0.000665 (J)				
3/30/2016			0.00174 (J)			
3/31/2016	<0.002					
5/24/2016						<0.002
5/25/2016		<0.002	0.00163 (J)	0.00151 (J)	0.000943 (J)	
5/26/2016	<0.002					
7/26/2016	0.001 (J)				<0.002	0.0013 (J)
7/27/2016		<0.002	0.0019 (J)	<0.002		
9/16/2016			0.002 (J)			
9/19/2016				<0.002	<0.002	<0.002
9/20/2016	<0.002	<0.002				
11/11/2016						<0.002
11/14/2016					<0.002	
11/15/2016				<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.002					
11/18/2016		<0.002	0.0011 (J)			
1/19/2017					<0.002	
1/20/2017						0.0014 (J)
1/24/2017				<0.002		
2/3/2017	<0.002	<0.002	<0.002			
3/16/2017					<0.002	<0.002
3/23/2017				<0.002		
3/28/2017	<0.002	<0.002				
3/29/2017			<0.002			
4/28/2017						<0.002
5/1/2017					<0.002	
5/2/2017				<0.002		
5/3/2017	<0.002					
5/4/2017		<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	<0.002	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	<0.002			<0.002	<0.002	<0.002
1/25/2019		<0.002				
1/31/2019			0.00048 (J)			
6/25/2019	<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	<0.002
3/12/2020			<0.002	<0.002		<0.002
3/13/2020					<0.002	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				<0.002		
9/15/2020			<0.002		<0.002	
3/15/2021	<0.002					
3/17/2021				<0.002	<0.002	
3/18/2021		<0.002	<0.002			<0.002
8/19/2021	<0.002		<0.002	<0.002	<0.002	
8/23/2021		<0.002				<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						<0.002
1/23/2014	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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	<0.002		
1/21/2015		<0.002				
7/28/2015						<0.002
7/29/2015				<0.002	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	<0.002
1/25/2016		<0.002	<0.002	<0.002		
3/23/2016	<0.002		<0.002	<0.002		
3/24/2016					<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		
5/25/2016		0.00129 (J)				
7/21/2016	<0.002				<0.002	<0.002
7/22/2016			<0.002	<0.002		
7/27/2016		0.0027				
9/15/2016					<0.002	<0.002
9/16/2016			<0.002	<0.002		
9/20/2016	0.0012 (J)					
11/14/2016	<0.002					
11/15/2016			<0.002		<0.002	<0.002
11/17/2016				<0.002		
1/24/2017	<0.002					
1/25/2017		<0.002		<0.002	<0.002	
1/26/2017			<0.002			<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.002					
3/22/2017					<0.002	<0.002
3/23/2017		<0.002		<0.002		
3/24/2017			<0.002			
5/1/2017	<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
8/4/2017	<0.002	<0.002		<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				
1/21/2019						<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)				
6/26/2019		<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
3/11/2020	<0.002				<0.002	<0.002
3/12/2020				<0.002		
3/17/2020		<0.002				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		<0.002			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				<0.002		
3/16/2021		<0.002			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		
8/18/2021						<0.002
8/23/2021	<0.002					
8/24/2021			<0.002	<0.002	<0.002	
8/25/2021		<0.002				

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	<0.002
10/27/2011	<0.002				
10/30/2011		<0.002	<0.002	<0.002	<0.002
12/4/2011					<0.002
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			<0.002
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	<0.002
7/17/2013	<0.002				
1/14/2014			<0.002	<0.002	<0.002
1/15/2014	<0.002	<0.002			
6/24/2014			<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002			
1/13/2015	<0.002				
1/20/2015		<0.002	<0.002	<0.002	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	<0.002
1/20/2016	0.0024 (J)	<0.002			
1/26/2016			<0.002	<0.002	<0.002
3/28/2016	<0.002	<0.002			
3/29/2016			<0.002	<0.002	<0.002
5/23/2016	<0.002				
5/24/2016		<0.002	<0.002	<0.002	<0.002
7/21/2016	<0.002	<0.002			
7/22/2016			<0.002		
7/25/2016					<0.002
7/26/2016				<0.002	
9/15/2016	<0.002	<0.002	<0.002		
9/19/2016				<0.002	<0.002
11/15/2016	<0.002				
11/16/2016		<0.002	<0.002	<0.002	<0.002
1/26/2017	<0.002	<0.002	<0.002	<0.002	
1/31/2017					<0.002
3/22/2017	<0.002	<0.002	<0.002		
3/23/2017				<0.002	<0.002
5/2/2017	<0.002	<0.002	<0.002		<0.002
5/3/2017				<0.002	
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				<0.002	<0.002
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	<0.002
6/21/2018				<0.002	<0.002
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			<0.002		
1/22/2019				<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.0004 (J)	0.00039 (J)			
6/25/2019			<0.002	<0.002	<0.002
6/26/2019	<0.002	<0.002			
9/10/2019			<0.002	<0.002	
9/12/2019	<0.002	<0.002			
9/16/2019					<0.002
3/12/2020			<0.002	<0.002	
3/16/2020	<0.002	<0.002			<0.002
9/9/2020	<0.002				
9/11/2020		<0.002			<0.002
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	<0.002	<0.002
3/17/2021	<0.002	<0.002			
8/18/2021		<0.002			
8/19/2021	<0.002		<0.002		
8/20/2021				<0.002	
8/25/2021					<0.002

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<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		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		0.00062 (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			
9/16/2016		<0.001				
11/9/2016			<0.001			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.001				<0.001
11/11/2016	<0.001					
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
3/16/2017	<0.001		<0.001			<0.001
3/17/2017		<0.001				
4/27/2017			<0.001	0.00064 (J)		<0.001
4/28/2017	<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					
10/3/2017					<0.001	
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						0.00068 (J)
6/19/2018	<0.001	<0.001	0.00078 (J)	0.00095 (J)		0.0011 (J)
6/20/2018					0.001 (J)	
1/17/2019	<0.001	<0.001				<0.001
1/18/2019				<0.001	<0.001	
1/21/2019			<0.001			
6/24/2019	0.00054 (J)	0.00043 (J)				0.00032 (J)
6/25/2019			<0.001	<0.001	<0.001	
9/9/2019	<0.001					
9/10/2019		<0.001	<0.001	<0.001		<0.001
9/11/2019					<0.001	
3/10/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001		<0.001	<0.001	<0.001	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/16/2021	<0.001		<0.001			
8/18/2021		<0.001		<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					<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			
1/27/2016				<0.001	<0.001	<0.001
3/29/2016		0.00165 (J)	<0.001	<0.001		
3/30/2016	<0.001				<0.001	<0.001
5/25/2016	<0.001	0.00191 (J)	<0.001	<0.001	<0.001	<0.001
7/22/2016			0.00047 (J)			
7/25/2016		0.0016				
7/26/2016				<0.001	0.00096 (J)	<0.001
7/27/2016	<0.001					
9/15/2016			<0.001	<0.001	<0.001	
9/16/2016	<0.001					
9/19/2016		0.0021				
9/20/2016						<0.001
11/16/2016		0.0012 (J)	<0.001			
11/17/2016	<0.001			<0.001	<0.001	<0.001
1/31/2017		0.001 (J)	<0.001	<0.001		
2/1/2017	<0.001				<0.001	<0.001
3/23/2017		0.00076 (J)	<0.001	0.00067 (J)	<0.001	<0.001
3/24/2017	<0.001					
5/2/2017		0.0012 (J)				
5/3/2017	<0.001		0.0024 (O)	<0.001	<0.001	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		0.0018	<0.001		<0.001	
8/8/2017	<0.001					
1/24/2018		0.0011 (J)	<0.001			
1/25/2018	<0.001			<0.001	<0.001	<0.001
6/20/2018		0.002		0.0012 (J)	<0.001	<0.001
6/21/2018	<0.001					

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.001			
1/22/2019				<0.001	0.00041 (J)	<0.001
1/24/2019		0.00065 (J)				
1/25/2019			<0.001			
1/31/2019	<0.001					
6/25/2019				<0.001	0.00048 (J)	<0.001
6/26/2019	<0.001	0.0015	<0.001			
9/11/2019			0.00036 (J)			
9/12/2019				<0.001	<0.001	
9/16/2019		0.0018				
9/17/2019	<0.001					<0.001
3/12/2020				<0.001		
3/16/2020		0.0009 (J)				<0.001
3/17/2020	<0.001				0.00031 (J)	
3/18/2020			0.00061 (J)			
9/10/2020	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001
3/16/2021			0.00041 (J)			
3/17/2021		0.0012		<0.001	<0.001	
3/18/2021	<0.001					<0.001
8/19/2021			<0.001			
8/20/2021	<0.001					
8/23/2021		0.0014		<0.001	<0.001	
8/24/2021						<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<0.001	<0.001	<0.001
7/25/2016			0.00056 (J)	<0.001	<0.001	
7/26/2016						<0.001
7/27/2016	<0.001	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	<0.001		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	0.00084 (J)					<0.001
6/21/2018			0.001 (J)	0.0013	0.00049 (J)	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	0.00038 (J)			<0.001	0.00037 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00047 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00039 (J)	<0.001
3/17/2021	<0.001			0.00031 (J)		
8/19/2021						<0.001
8/20/2021	<0.001	<0.001				
8/24/2021			<0.001	<0.001	<0.001	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	<0.001
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	<0.001
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.001					
11/18/2016		<0.001	0.00055 (J)			
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.00061 (J)		
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	<0.001
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						<0.001
5/1/2017					<0.001	
5/2/2017				0.00085 (J)		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					0.00054 (J)	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	0.00073 (J)	0.00086 (J)				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	<0.001			<0.001	<0.001	<0.001
1/25/2019		<0.001				
1/31/2019			<0.001			
6/25/2019	<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	0.00041 (J)		
9/12/2019		<0.001			<0.001	<0.001
3/12/2020			<0.001	<0.001		<0.001
3/13/2020					<0.001	
3/18/2020	0.00058 (J)	<0.001				
9/9/2020						<0.001
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	<0.001					
3/17/2021				<0.001	<0.001	
3/18/2021		0.00038 (J)	<0.001			<0.001
8/19/2021	<0.001		<0.001	<0.001	<0.001	
8/23/2021		<0.001				<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<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			
1/14/2015					<0.001	<0.001
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	<0.001		
7/27/2016		0.00055 (J)				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	<0.001		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				<0.001		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.001					
3/22/2017					<0.001	<0.001
3/23/2017		<0.001		<0.001		
3/24/2017			<0.001			
5/1/2017	<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
8/4/2017	<0.001	<0.001		<0.001		
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				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		<0.001				
6/26/2019		<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			0.00034 (J)	<0.001		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				<0.001		
3/17/2020		<0.001				
3/18/2020			<0.001			
9/10/2020	<0.001					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		
8/18/2021						<0.001
8/23/2021	<0.001					
8/24/2021			<0.001	<0.001	<0.001	
8/25/2021		<0.001				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	<0.001			
1/26/2016			<0.001	<0.001	<0.001
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			0.00049 (J)		
7/25/2016					0.00046 (J)
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	<0.001
11/15/2016	<0.001				
11/16/2016		<0.001	<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					0.0011 (J)
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	0.00076 (J)
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				<0.001	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	0.00052 (J)
1/23/2018	0.0014	0.00075 (J)	0.0012 (J)		
1/24/2018				<0.001	<0.001
6/21/2018				0.00052 (J)	0.00095 (J)
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	0.00059 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.001	<0.001			
6/25/2019			0.00035 (J)	0.00045 (J)	0.00086 (J)
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	0.00043 (J)	
9/12/2019	<0.001	<0.001			
9/16/2019					0.00069 (J)
3/12/2020			<0.001	0.00049 (J)	
3/16/2020	<0.001	<0.001			0.00065 (J)
9/9/2020	<0.001				
9/11/2020		<0.001			0.0008 (J)
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			
8/18/2021		<0.001			
8/19/2021	<0.001		<0.001		
8/20/2021				<0.001	
8/25/2021					0.00045 (J)

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.1	0.092
9/16/2011	0.013		0.0022			
9/17/2011		0.011		0.0016		
10/27/2011	0.012	0.013				0.061
10/28/2011			0.0016	0.0015		
12/12/2011			0.0018	0.0013		
12/13/2011	0.012					
12/14/2011		0.01				0.1
1/25/2012			<0.01			
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					
7/23/2012		0.014				0.13
1/23/2013		0.02				0.11
1/24/2013	0.012		<0.01	0.0013		
7/17/2013	0.0097					0.087
7/23/2013			<0.01			
7/24/2013		0.016		0.0022		
1/15/2014						0.081
1/21/2014	0.0096					
1/22/2014		0.017	0.0013	0.0012 (J)		
6/25/2014	0.0094				0.048	0.081
7/1/2014		0.015	0.0012 (J)			
7/8/2014				0.0013 (D)		
1/14/2015	0.0095					0.13
1/21/2015			0.00042 (J)	0.0015		
1/22/2015		0.019				
7/21/2015	0.0099		0.00055 (J)		0.036	0.11
7/22/2015		0.014		0.0014		
1/19/2016				0.00092 (JD)		
1/20/2016		0.016				0.086
1/21/2016	0.011					
1/22/2016			0.00037 (J)			
3/22/2016			<0.01	<0.01		
3/23/2016	0.00968 (J)	0.00773 (J)				0.112
3/31/2016					0.027	
5/19/2016				0.00265 (J)		0.11
5/20/2016	0.0096 (J)					
5/23/2016			<0.01			
5/24/2016		0.00761 (J)				
5/25/2016					0.027	
7/21/2016	0.0087			0.0038		0.14
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)			
9/16/2016		0.017				
11/9/2016			0.0016 (J)			

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		0.016				0.17
11/11/2016	0.0095					
1/17/2017			<0.01	0.0011 (J)		0.18
1/19/2017	0.0087	0.02				
3/16/2017	0.01		0.00055 (J)			0.15
3/17/2017		0.016				
4/27/2017			<0.01	0.00097 (J)		0.13
4/28/2017	0.0091	0.016				
7/18/2017				0.0016 (J)		
8/1/2017			0.00059 (J)	0.0011 (J)	0.03	
8/2/2017		0.014				0.15
8/3/2017	0.0099					
10/3/2017					0.038	
1/19/2018	0.0089	0.014	<0.01	0.00076 (J)		
1/22/2018						0.15
6/19/2018	0.012	0.015	<0.01	0.00078 (J)		0.13
6/20/2018					0.029	
1/17/2019	0.01	0.01				0.12
1/18/2019				0.0007 (J)	0.033	
1/21/2019			0.00088			
6/24/2019	0.0096 (J)	0.011				0.12
6/25/2019			<0.01	<0.01	0.082	
9/9/2019	0.012					
9/10/2019		0.015	0.0022 (J)	0.0033 (J)		0.16
9/11/2019					0.094	
3/10/2020	0.01	0.01	0.0018 (J)	<0.01	0.079	0.14
9/9/2020	0.01		<0.01	<0.01	0.088	0.12
9/10/2020		0.012				
3/15/2021	0.01	0.011	<0.01	<0.01	0.1	0.13
8/16/2021	0.01		<0.01			
8/18/2021		0.014		<0.01	0.092	0.12

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.2	0.013	0.0043	0.01	
9/16/2011						0.0061
10/27/2011					0.019	0.0068
10/28/2011		0.27	0.0092	0.0041		
12/3/2011					0.011	0.0067
12/4/2011		0.22	0.0089	0.0037		
1/24/2012			0.0099	0.0042	0.015	
2/9/2012		0.19				0.0066
7/11/2012			0.0099	0.0038	0.01	0.0064
7/18/2012		0.36				
1/8/2013		0.2	0.012	0.0034	0.013	0.0075
7/2/2013						0.011
7/9/2013		0.26				
7/10/2013			0.014	0.0035	0.014	
1/15/2014		0.21				
1/21/2014			0.014	0.0037	<0.01	0.012
6/24/2014						0.0094
6/25/2014		0.44				
7/1/2014			0.014	0.0035	0.014	
1/14/2015					0.033	0.01
1/21/2015		0.31	0.016	0.0031		
7/22/2015					0.072	0.0084
7/28/2015		0.38	0.013	0.0039		
1/25/2016	0.014					
1/26/2016		0.15	0.014			
1/27/2016				0.0026	0.083	0.012
3/29/2016		0.372	0.0179	0.00337 (J)		
3/30/2016	0.0127				0.0943	0.0136
5/25/2016	0.014	0.396	0.0173	0.0028 (J)	0.117	0.00957 (J)
7/22/2016			0.017			
7/25/2016		0.25				
7/26/2016				0.0023 (J)	0.11	0.0068
7/27/2016	0.03					
9/15/2016			0.017	0.0026	0.16 (O)	
9/16/2016	0.017					
9/19/2016		0.33				
9/20/2016						0.007
11/16/2016		0.29	0.018			
11/17/2016	0.028			0.0027	0.27 (O)	0.0072
1/31/2017		0.19	0.022	0.0029		
2/1/2017	0.023				0.088	0.009
3/23/2017		0.24	0.019	0.0032	0.11	0.011
3/24/2017	0.012					
5/2/2017		0.34				
5/3/2017	0.024		0.02	0.0028	0.1	0.0092
8/4/2017				0.0032		0.01
8/7/2017		0.4	0.021		0.23 (O)	
8/8/2017	0.014					
1/24/2018		0.27	0.022			
1/25/2018	0.025			0.0037	0.1	0.01
6/20/2018		0.31		0.0035	0.25 (O)	0.011
6/21/2018	0.023					

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			0.021			
1/22/2019				0.0029	0.15	0.012
1/24/2019		0.09				
1/25/2019			0.024			
1/31/2019	0.025					
6/25/2019				0.0069 (J)	0.16	0.0096 (J)
6/26/2019	0.02	0.26	0.02			
9/11/2019			0.022			
9/12/2019				0.0054 (J)	0.32	
9/16/2019		0.35				
9/17/2019	0.026					0.0072 (J)
3/12/2020				0.0026 (J)		
3/16/2020		0.066				0.012
3/17/2020	0.025				0.23	
3/18/2020			0.023			
9/10/2020	0.029	0.27	0.025	0.0041 (J)	0.24	0.0076 (J)
3/16/2021			0.026			
3/17/2021		0.26		0.0039 (J)	0.26	
3/18/2021	0.013					0.011
8/19/2021			0.023			
8/20/2021	0.017					
8/23/2021		0.23		0.0031 (J)	0.17	
8/24/2021						0.0075 (J)

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.018	0.021	0.033	0.037		
8/31/2011					0.038	0.015
10/26/2011	0.017	0.014	0.028	0.037		
10/27/2011					0.034	0.01
12/3/2011	0.018	0.015	0.03	0.037		
12/4/2011					0.033	0.011
1/25/2012	0.017	0.014				
2/8/2012				0.048	0.037	0.013
2/9/2012			0.029			
7/11/2012	0.017	0.015	0.03	0.035	0.035	
7/17/2012						0.013
1/8/2013	0.019	0.017	0.036	0.059	0.034	
1/9/2013						0.013
7/2/2013	0.017					
7/16/2013		0.013	0.034	0.069	0.034	0.023
1/14/2014	0.017	0.015	0.037			
1/21/2014				0.075	0.035	0.026
6/24/2014			0.032	<0.01	0.034	0.027
6/25/2014	0.017	0.016				
1/13/2015	0.017		0.034	0.076	0.031	0.024
1/14/2015		0.017				
7/22/2015	0.017					
7/23/2015			0.03	0.05	0.036	0.024
7/28/2015		0.016				
1/26/2016						0.026
1/27/2016	0.016	0.016	0.032	0.092	0.03	
3/30/2016	0.0174	0.0178	0.0349	0.0986	0.0344	0.0293
5/25/2016	0.0173	0.0169				
5/26/2016			0.0323	0.0687	0.0336	0.0237
7/25/2016			0.031	0.047	0.03	
7/26/2016						0.016
7/27/2016	0.016	0.016				
9/16/2016	0.016					
9/19/2016		0.016	0.028	0.039		
9/20/2016					0.035	0.014
11/17/2016	0.017	0.017	0.033	0.046	0.034	0.012
2/1/2017	0.018	0.017	0.037			
2/2/2017				0.085	0.035	0.014
3/24/2017	0.017	0.016	0.037	0.079		
3/28/2017					0.031	0.021
5/3/2017	0.017	0.016	0.034	0.1		
5/4/2017					0.035	0.02
8/7/2017	0.017	0.017	0.035	0.06	0.033	0.027
1/25/2018	0.016	0.015	0.033	0.094		
1/26/2018					0.038	0.032
6/20/2018	0.017					0.033
6/21/2018			0.033	0.09	0.031	
6/26/2018		0.017				
1/24/2019		0.016				0.046
1/25/2019	0.019					
1/28/2019			0.037	0.12	0.033	
6/25/2019	0.018	0.017			0.034	0.046

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				0.077		
6/27/2019			0.035			
9/11/2019	0.02	0.018	0.04		0.035	0.028
9/12/2019				0.058		
3/17/2020	0.019	0.017	0.039			
3/18/2020				0.13	0.031	0.056
9/11/2020	0.018					
9/14/2020		0.016	0.041			
9/15/2020				0.067	0.035	0.045
3/16/2021		0.015	0.038		0.032	0.061
3/17/2021	0.017			0.12		
8/19/2021						0.062
8/20/2021	0.018	0.016				
8/24/2021			0.04	0.07	0.032	

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.025					
9/16/2011		0.011				
9/17/2011				0.016	0.038	0.02
10/29/2011	0.024	0.0075			0.036	0.015
10/31/2011				0.013		
12/13/2011	0.027	0.011				
12/14/2011				0.018	0.035	0.016
1/25/2012	0.029					0.016
1/31/2012		0.009				
2/7/2012				0.033	0.04	
7/17/2012				0.025	0.033	0.0057
7/18/2012	0.027	0.0076				
1/22/2013	0.029	0.0078				
1/24/2013					0.034	0.0062
7/16/2013	0.025					
7/23/2013		0.0075				
7/24/2013				0.043	0.036	0.01
1/21/2014	0.027					
1/22/2014		0.004				
1/23/2014				0.025	0.031	0.013
6/25/2014	0.025					
7/1/2014		0.0066				
7/8/2014			0.022	0.046	0.031	0.014
1/14/2015	0.025					
1/21/2015				0.023	0.031	0.015
1/22/2015		0.0067				
7/23/2015	0.025					
7/29/2015		0.0064				
7/30/2015				0.022		0.0092
7/31/2015			0.02		0.017	
1/20/2016			0.026			
1/21/2016		0.0055		0.028		
1/22/2016						0.0063
1/25/2016					0.03	
1/26/2016	0.023					
3/23/2016						0.0107
3/24/2016					0.0362	
3/28/2016				0.0383		
3/29/2016		0.0114				
3/30/2016			0.00874 (J)			
3/31/2016	0.0249					
5/24/2016						0.00672 (J)
5/25/2016		0.00579 (J)	0.00545 (J)	0.0439	0.0348	
5/26/2016	0.0235					
7/26/2016	0.021				0.028	0.0085
7/27/2016		0.0043	0.0047	0.037		
9/16/2016			0.018			
9/19/2016				0.041	0.029	0.008
9/20/2016	0.026	0.0056				
11/11/2016						0.017
11/14/2016					0.036	
11/15/2016				0.033		

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	0.025					
11/18/2016		0.0043	0.022			
1/19/2017					0.034	
1/20/2017						0.013
1/24/2017				0.04		
2/3/2017	0.027	0.005	0.02			
3/16/2017					0.035	0.0096
3/23/2017				0.032		
3/28/2017	0.024	0.0041				
3/29/2017			0.02			
4/28/2017						0.0097
5/1/2017					0.03	
5/2/2017				0.041		
5/3/2017	0.025					
5/4/2017		0.0063	0.023			
8/3/2017				0.012	0.032	0.015
8/8/2017	0.025	0.006	0.026			
1/19/2018						0.013
1/22/2018					0.031	
1/25/2018	0.027	0.0048	0.021	0.036		
6/20/2018	0.026	0.0047				
6/27/2018			0.011	0.036	0.033	0.015
1/24/2019	0.026			0.03	0.036	0.009
1/25/2019		0.0069				
1/31/2019			0.011			
6/25/2019	0.026			0.032	0.038	
6/26/2019		0.0041 (J)	0.0093 (J)			0.017
9/10/2019	0.027					
9/11/2019			0.02	0.056		
9/12/2019		0.0053 (J)			0.039	0.012
3/12/2020			0.0082 (J)	0.03		0.008 (J)
3/13/2020					0.035	
3/18/2020	0.025	0.0055 (J)				
9/9/2020						0.015
9/10/2020	0.024	0.0059 (J)				
9/14/2020				0.04		
9/15/2020			0.011		0.037	
3/15/2021	0.025					
3/17/2021				0.029	0.035	
3/18/2021		0.005 (J)	0.0099 (J)			0.016
8/19/2021	0.024		0.013	0.03	0.036	
8/23/2021		0.0053 (J)				0.01

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.01				
10/28/2011	0.0074					
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		
2/1/2012			0.0037	0.0077	0.011	0.02
2/7/2012		0.0016				
2/8/2012	0.0075					
7/16/2012					0.011	0.02
7/17/2012			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	0.0083					
7/2/2013						0.019
7/17/2013				0.012	0.011	
7/24/2013	0.006		0.0019			
1/21/2014						0.02
1/23/2014	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			
1/14/2015					0.011	0.019
1/20/2015	0.0061		0.0012 (J)	0.011		
1/21/2015		0.0022				
7/28/2015						0.019
7/29/2015				0.0095	0.011	
7/30/2015	0.0059		0.0011 (J)			
1/19/2016	0.0075					
1/21/2016					0.012	0.021
1/25/2016		0.002	0.001 (J)	0.009		
3/23/2016	0.00731 (J)		<0.01	0.00902 (J)		
3/24/2016					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			<0.01	0.00573 (J)		
5/25/2016		0.00502 (J)				
7/21/2016	0.0067				0.011	0.019
7/22/2016			0.0014 (J)	0.01		
7/27/2016		0.0033				
9/15/2016					0.012	0.02
9/16/2016			0.0018 (J)	0.0061		
9/20/2016	0.007					
11/14/2016	0.007					
11/15/2016			0.0014 (J)		0.011	0.02
11/17/2016				0.014		
1/24/2017	0.0075					
1/25/2017		0.0051		<0.01	0.011	
1/26/2017			0.003			0.021

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	0.0057			0.0057	0.012	
5/2/2017		0.0026	0.0025			0.02
7/19/2017		0.004				
8/3/2017			<0.01 (*)		0.031 (O)	0.02
8/4/2017	0.0072	0.0033		0.0062		
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		0.0016 (J)				
1/21/2019						0.022
1/28/2019					0.013	
1/30/2019	0.013		0.0017 (J)	0.021		
1/31/2019		0.0016 (J)				
6/26/2019		<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			0.002 (J)	0.009 (J)		0.02
3/11/2020	0.0081 (J)				0.012	0.02
3/12/2020				0.0067 (J)		
3/17/2020		0.002 (J)				
3/18/2020			<0.01			
9/10/2020	0.0076 (J)					
9/11/2020		0.002 (J)			0.013	0.021
9/15/2020			<0.01			
9/16/2020				0.007 (J)		
3/16/2021		0.0022 (J)			0.012	0.02
3/17/2021			0.0031 (J)			
3/18/2021	0.0083 (J)			0.006 (J)		
8/18/2021						0.023
8/23/2021	0.0076 (J)					
8/24/2021			<0.01	0.01	0.012	
8/25/2021		0.0029 (J)				

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	0.024	0.064			
9/7/2011			0.06	0.088	0.13
10/27/2011	0.026				
10/30/2011		0.06	0.053	0.092	0.02
12/4/2011					0.11
12/5/2011	0.024	0.061	0.059	0.11	
1/19/2012				0.084	0.15
1/25/2012	0.028	0.064	0.068		
7/18/2012	0.026		0.098	0.11	0.11
7/24/2012		0.054			
1/7/2013			0.13	0.095	
1/8/2013		0.063			0.14
1/9/2013	0.029				
7/9/2013		0.051	0.13	0.085	0.13
7/17/2013	0.022				
1/14/2014			0.14	0.066	0.099
1/15/2014	0.023	0.06			
6/24/2014			0.13	0.078	0.2
6/25/2014	0.02	0.045			
1/13/2015	0.023				
1/20/2015		0.048	0.13	0.053	0.12
7/24/2015	0.018	0.051			
7/27/2015			0.11	0.055	0.17
1/20/2016	0.027	0.051			
1/26/2016			0.11	0.044	0.088
3/28/2016	0.0207	0.0506			
3/29/2016			0.109	0.05	0.11
5/23/2016	0.0191				
5/24/2016		0.052	0.0996	0.051	0.17
7/21/2016	0.018	0.049			
7/22/2016			0.089		
7/25/2016					0.17
7/26/2016				0.044	
9/15/2016	0.037	0.062	0.097		
9/19/2016				0.043	0.18
11/15/2016	0.024				
11/16/2016		0.062	0.11	0.053	0.18
1/26/2017	0.025	0.062	0.097	0.043	
1/31/2017					0.1
3/22/2017	0.02	0.048	0.083		
3/23/2017				0.053	0.12
5/2/2017	0.02	0.043	0.088		0.11
5/3/2017				0.047	
8/3/2017	0.025	0.049			
8/4/2017			0.088		
8/7/2017				0.048	0.17
1/23/2018	0.027	0.05	0.094		
1/24/2018				0.038	0.14
6/21/2018				0.058	0.16
6/25/2018	0.02	0.053	0.078		
1/21/2019			0.083		
1/22/2019				0.04	0.11

Time Series

Constituent: Barium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.016	0.054			
6/25/2019			0.075	0.06	0.18
6/26/2019	0.02	0.045			
9/10/2019			0.086	0.066	
9/12/2019	0.03	0.074			
9/16/2019					0.18
3/12/2020			0.072	0.031	
3/16/2020	0.023	0.045			0.079
9/9/2020	0.024				
9/11/2020		0.064			0.15
9/14/2020			0.074	0.052	
3/16/2021			0.066	0.037	0.099
3/17/2021	0.021	0.059			
8/18/2021		0.061			
8/19/2021	0.025		0.069		
8/20/2021				0.044	
8/25/2021					0.14

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0025	<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
10/28/2011			<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			
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					
7/23/2012		<0.0025				<0.0025
1/23/2013		<0.0025				<0.0025
1/24/2013	<0.0025		<0.0025	0.0025		
7/17/2013	<0.0025					<0.0025
7/23/2013			<0.0025			
7/24/2013		<0.0025		0.0027		
1/15/2014						<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025	0.00034 (J)	0.002		
6/25/2014	<0.0025				<0.0025	<0.0025
7/1/2014		<0.0025	0.00039 (J)			
7/8/2014				0.0024 (D)		
1/14/2015	<0.0025					<0.0025
1/21/2015			0.0005 (J)	0.0026		
1/22/2015		0.00011 (J)				
7/21/2015	<0.0025		0.00042 (J)		<0.0025	<0.0025
7/22/2015		<0.0025		0.0024		
1/19/2016				0.0024 (D)		
1/20/2016		0.00012 (J)				<0.0025
1/21/2016	7.5E-05 (J)					
1/22/2016			0.00044 (J)			
3/22/2016			<0.0025	0.00194 (J)		
3/23/2016	<0.0025	<0.0025				<0.0025
3/31/2016					<0.0025	
5/19/2016				0.00188 (J)		<0.0025
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					<0.0025	
7/21/2016	<0.0025			0.0021 (J)		<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)			
9/16/2016		<0.0025				
11/9/2016			0.00041 (J)			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0025				<0.0025
11/11/2016	<0.0025					
1/17/2017			0.0004 (J)	0.0024 (J)		<0.0025
1/19/2017	<0.0025	<0.0025				
3/16/2017	<0.0025		<0.0025			<0.0025
3/17/2017		<0.0025				
4/27/2017			0.00042 (J)	0.0019 (J)		<0.0025
4/28/2017	<0.0025	<0.0025				
7/18/2017				0.0018 (J)		
8/1/2017			0.0004 (J)	0.0019 (J)	<0.0025	
8/2/2017		<0.0025				<0.0025
8/3/2017	<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
6/19/2018	<0.0025	<0.0025	0.00038 (J)	0.0021 (J)		<0.0025
6/20/2018					<0.0025	
1/17/2019	7.4E-05 (J)	<0.0025				<0.0025
1/18/2019				0.0021 (J)	<0.0025	
1/21/2019			0.00041 (J)			
6/24/2019	0.00029 (J)	0.00023 (J)				<0.0025
6/25/2019			0.00039 (J)	0.0023	<0.0025	
9/9/2019	0.00019 (J)					
9/10/2019		<0.0025	0.00049 (J)	0.0023		<0.0025
9/11/2019					0.0003 (J)	
3/10/2020	0.00019 (J)	<0.0025	0.00051 (J)	0.002 (J)	<0.0025	<0.0025
9/9/2020	<0.0025		0.0003 (J)	0.0017 (J)	<0.0025	<0.0025
9/10/2020		<0.0025				
3/15/2021	<0.0025	<0.0025	0.00046 (J)	0.002 (J)	<0.0025	<0.0025
8/16/2021	<0.0025		0.00041 (J)			
8/18/2021		<0.0025		0.0021 (J)	<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0025	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					<0.0025	<0.0025
10/28/2011		<0.0025	<0.0025	<0.0025		
12/3/2011					<0.0025	<0.0025
12/4/2011		<0.0025	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	<0.0025	
2/9/2012		<0.0025				<0.0025
7/11/2012			<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012		<0.0025				
1/8/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013						<0.0025
7/9/2013		<0.0025				
7/10/2013			<0.0025	<0.0025	<0.0025	
1/15/2014		<0.0025				
1/21/2014			<0.0025	<0.0025	0.00012 (J)	<0.0025
6/24/2014						<0.0025
6/25/2014		8.3E-05 (J)				
7/1/2014			<0.0025	<0.0025	<0.0025	
1/14/2015					0.00015 (J)	<0.0025
1/21/2015		<0.0025	<0.0025	<0.0025		
7/22/2015					0.00023 (J)	<0.0025
7/28/2015		<0.0025	<0.0025	<0.0025		
1/25/2016	<0.0025					
1/26/2016		<0.0025	<0.0025			
1/27/2016				<0.0025	0.00011 (J)	<0.0025
3/29/2016		<0.0025	<0.0025	<0.0025		
3/30/2016	<0.0025				<0.0025	<0.0025
5/25/2016	<0.0025	<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	<0.0025	<0.0025
7/27/2016	<0.0025					
9/15/2016			<0.0025	<0.0025	0.00044 (J)	
9/16/2016	<0.0025					
9/19/2016		<0.0025				
9/20/2016						<0.0025
11/16/2016		<0.0025	<0.0025			
11/17/2016	<0.0025			<0.0025	0.00055 (J)	<0.0025
1/31/2017		<0.0025	<0.0025	<0.0025		
2/1/2017	<0.0025				<0.0025	<0.0025
3/23/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025					
5/2/2017		<0.0025				
5/3/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017				<0.0025		<0.0025
8/7/2017		<0.0025	<0.0025		0.00059 (J)	
8/8/2017	<0.0025					
1/24/2018		<0.0025	<0.0025			
1/25/2018	<0.0025			<0.0025	<0.0025	<0.0025
6/20/2018		<0.0025		<0.0025	0.00064 (J)	<0.0025
6/21/2018	<0.0025					

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.0004 (J)	<0.0025
1/24/2019		0.00015 (J)				
1/25/2019			<0.0025			
1/31/2019	<0.0025					
6/25/2019				<0.0025	0.00041 (J)	<0.0025
6/26/2019	<0.0025	<0.0025	<0.0025			
9/11/2019			0.00024 (J)			
9/12/2019				<0.0025	0.00092 (J)	
9/16/2019		<0.0025				
9/17/2019	<0.0025					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.00039 (J)				<0.0025
3/17/2020	<0.0025				0.00059 (J)	
3/18/2020			0.00029 (J)			
9/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.00064 (J)	0.00022 (J)
3/16/2021			<0.0025			
3/17/2021		<0.0025		<0.0025	0.00074 (J)	
3/18/2021	<0.0025					<0.0025
8/19/2021			<0.0025			
8/20/2021	<0.0025					
8/23/2021		<0.0025		<0.0025	0.00026 (J)	
8/24/2021						<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0025	<0.0025	<0.0025	<0.0025		
8/31/2011					<0.0025	<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025	<0.0025		
12/4/2011					<0.0025	<0.0025
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						<0.0025
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
1/9/2013						<0.0025
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				<0.0025	<0.0025	<0.0025
6/24/2014			<0.0025	<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	<0.0025	<0.0025	<0.0025
7/28/2015		<0.0025				
1/26/2016						<0.0025
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	<0.0025	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					<0.0025	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025	<0.0025		
3/28/2017					<0.0025	<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025	<0.0025		
5/4/2017					<0.0025	<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/26/2018					<0.0025	<0.0025
6/20/2018	<0.0025					<0.0025
6/21/2018			<0.0025	<0.0025	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				7.9E-05 (J)
1/25/2019	7.2E-05 (J)					
1/28/2019			<0.0025	0.00011 (J)	<0.0025	
6/25/2019	<0.0025	<0.0025			<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0025		
6/27/2019			<0.0025			
9/11/2019	0.00024 (J)	0.00018 (J)	0.00019 (J)		<0.0025	0.0002 (J)
9/12/2019				<0.0025		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				<0.0025	<0.0025	<0.0025
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				<0.0025	<0.0025	<0.0025
3/16/2021		<0.0025	<0.0025		0.00041 (J)	<0.0025
3/17/2021	<0.0025			0.00046 (J)		
8/19/2021						<0.0025
8/20/2021	<0.0025	<0.0025				
8/24/2021			<0.0025	<0.0025	<0.0025	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		<0.0025				
9/17/2011				<0.0025	<0.0025	0.0066
10/29/2011	<0.0025	<0.0025			<0.0025	0.0055
10/31/2011				<0.0025		
12/13/2011	<0.0025	<0.0025				
12/14/2011				<0.0025	<0.0025	0.0058
1/25/2012	<0.0025					0.006
1/31/2012		<0.0025				
2/7/2012				<0.0025	<0.0025	
7/17/2012				<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025				
1/22/2013	<0.0025	<0.0025				
1/24/2013					<0.0025	<0.0025
7/16/2013	<0.0025					
7/23/2013		<0.0025				
7/24/2013				<0.0025	<0.0025	0.0027
1/21/2014	<0.0025					
1/22/2014		<0.0025				
1/23/2014				<0.0025	<0.0025	0.0047
6/25/2014	<0.0025					
7/1/2014		<0.0025				
7/8/2014			8.3E-05 (J)	<0.0025	<0.0025	0.005
1/14/2015	<0.0025					
1/21/2015				<0.0025	<0.0025	0.0053
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		8E-05 (J)				
7/30/2015				<0.0025		0.0013
7/31/2015			0.00012 (J)		<0.0025	
1/20/2016			9.3E-05 (J)			
1/21/2016		<0.0025		<0.0025		
1/22/2016						0.00038 (J)
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						0.00229 (J)
3/24/2016					<0.0025	
3/28/2016				<0.0025		
3/29/2016		<0.0025				
3/30/2016			<0.0025			
3/31/2016	<0.0025					
5/24/2016						<0.0025
5/25/2016		<0.0025	<0.0025	<0.0025	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	0.0015 (J)
7/27/2016		<0.0025	<0.0025	<0.0025		
9/16/2016			<0.0025			
9/19/2016				<0.0025	<0.0025	0.0013 (J)
9/20/2016	<0.0025	<0.0025				
11/11/2016						0.0057
11/14/2016					<0.0025	
11/15/2016				<0.0025		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	<0.0025			
1/19/2017					<0.0025	
1/20/2017						0.003
1/24/2017				<0.0025		
2/3/2017	<0.0025	<0.0025	<0.0025			
3/16/2017					<0.0025	0.0018 (J)
3/23/2017				<0.0025		
3/28/2017	<0.0025	<0.0025				
3/29/2017			<0.0025			
4/28/2017						0.00075 (J)
5/1/2017					<0.0025	
5/2/2017				<0.0025		
5/3/2017	<0.0025					
5/4/2017		<0.0025	<0.0025			
8/3/2017				<0.0025	<0.0025	0.005
8/8/2017	<0.0025	<0.0025	<0.0025			
1/19/2018						0.0057
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
6/20/2018	<0.0025	<0.0025				
6/27/2018			<0.0025	<0.0025	<0.0025	0.005
1/24/2019	<0.0025			6.7E-05 (J)	8.1E-05 (J)	0.00039 (J)
1/25/2019		<0.0025				
1/31/2019			<0.0025			
6/25/2019	0.00017 (J)			<0.0025	<0.0025	
6/26/2019		<0.0025	0.00017 (J)			0.0056
9/10/2019	<0.0025					
9/11/2019			<0.0025	0.00019 (J)		
9/12/2019		<0.0025			<0.0025	0.0012
3/12/2020			0.0002 (J)	<0.0025		0.00038 (J)
3/13/2020					0.00019 (J)	
3/18/2020	0.00038 (J)	<0.0025				
9/9/2020						0.0034
9/10/2020	<0.0025	<0.0025				
9/14/2020				<0.0025		
9/15/2020			<0.0025		<0.0025	
3/15/2021	0.0002 (J)					
3/17/2021				<0.0025	<0.0025	
3/18/2021		0.00052 (J)	0.00024 (J)			0.0043
8/19/2021	<0.0025		<0.0025	<0.0025	<0.0025	
8/23/2021		<0.0025				0.0015 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	<0.0025
7/17/2012			<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					
7/2/2013						<0.0025
7/17/2013				<0.0025	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						<0.0025
1/23/2014	<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)			
1/14/2015					<0.0025	<0.0025
1/20/2015	<0.0025		0.00066 (J)	0.00091 (J)		
1/21/2015		0.00082 (J)				
7/28/2015						8.5E-05 (J)
7/29/2015				0.0011 (J)	0.00011 (J)	
7/30/2015	<0.0025		0.001 (J)			
1/19/2016	9E-05 (J)					
1/21/2016					0.00012 (J)	8.5E-05 (J)
1/25/2016		0.00061 (J)	0.00066 (J)	0.00075 (J)		
3/23/2016	<0.0025		0.000735 (J)	0.000892 (J)		
3/24/2016					<0.0025	<0.0025
3/30/2016		<0.0025				
5/20/2016	<0.0025					
5/23/2016					<0.0025	<0.0025
5/24/2016			0.00134 (J)	0.00065 (J)		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			0.0012 (J)	0.0011 (J)		
7/27/2016		0.00076 (J)				
9/15/2016					<0.0025	<0.0025
9/16/2016			0.0015 (J)	0.001 (J)		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			0.0015 (J)		<0.0025	<0.0025
11/17/2016				0.00046 (J)		
1/24/2017	<0.0025					
1/25/2017		0.00064 (J)		<0.0025	<0.0025	
1/26/2017			0.001 (J)			<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	<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			0.0018 (J)		<0.0025	<0.0025
8/4/2017	<0.0025	0.0011 (J)		0.00051 (J)		
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		0.00071 (J)				
1/21/2019						<0.0025
1/28/2019					6.1E-05 (J)	
1/30/2019	<0.0025		0.0016 (J)	0.00036 (J)		
1/31/2019		0.00057 (J)				
6/26/2019		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			0.0019	0.00044 (J)		<0.0025
1/14/2020			0.0015			
3/11/2020	<0.0025				<0.0025	<0.0025
3/12/2020				0.00049 (J)		
3/17/2020		0.0004 (J)				
3/18/2020			0.0014 (J)			
9/10/2020	<0.0025					
9/11/2020		0.00068 (J)			<0.0025	0.00024 (J)
9/15/2020			0.0018 (J)			
9/16/2020				0.00027 (J)		
3/16/2021		0.0006 (J)			<0.0025	<0.0025
3/17/2021			0.0013 (J)			
3/18/2021	<0.0025			0.0002 (J)		
8/18/2021						<0.0025
8/23/2021	<0.0025					
8/24/2021			0.0011 (J)	<0.0025	<0.0025	
8/25/2021		0.00072 (J)				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0025	<0.0025			
9/7/2011			<0.0025	<0.0025	<0.0025
10/27/2011	<0.0025				
10/30/2011		<0.0025	<0.0025	<0.0025	<0.0025
12/4/2011					<0.0025
12/5/2011	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2012				<0.0025	<0.0025
1/25/2012	<0.0025	<0.0025	<0.0025		
7/18/2012	<0.0025		<0.0025	<0.0025	<0.0025
7/24/2012		<0.0025			
1/7/2013			<0.0025	<0.0025	
1/8/2013		<0.0025			<0.0025
1/9/2013	<0.0025				
7/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
7/17/2013	<0.0025				
1/14/2014			<0.0025	<0.0025	0.00012 (J)
1/15/2014	<0.0025	<0.0025			
6/24/2014			<0.0025	<0.0025	0.00014 (J)
6/25/2014	<0.0025	<0.0025			
1/13/2015	<0.0025				
1/20/2015		<0.0025	<0.0025	<0.0025	0.00014 (J)
7/24/2015	<0.0025	<0.0025			
7/27/2015			<0.0025	<0.0025	0.00012 (J)
1/20/2016	<0.0025	7.8E-05 (J)			
1/26/2016			<0.0025	<0.0025	<0.0025
3/28/2016	<0.0025	<0.0025			
3/29/2016			<0.0025	<0.0025	<0.0025
5/23/2016	<0.0025				
5/24/2016		<0.0025	<0.0025	<0.0025	<0.0025
7/21/2016	<0.0025	<0.0025			
7/22/2016			<0.0025		
7/25/2016					<0.0025
7/26/2016				<0.0025	
9/15/2016	<0.0025	<0.0025	<0.0025		
9/19/2016				<0.0025	<0.0025
11/15/2016	<0.0025				
11/16/2016		<0.0025	<0.0025	<0.0025	<0.0025
1/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/31/2017					<0.0025
3/22/2017	<0.0025	<0.0025	<0.0025		
3/23/2017				<0.0025	<0.0025
5/2/2017	<0.0025	<0.0025	<0.0025		<0.0025
5/3/2017				<0.0025	
8/3/2017	<0.0025	<0.0025			
8/4/2017			<0.0025		
8/7/2017				<0.0025	<0.0025
1/23/2018	<0.0025	<0.0025	<0.0025		
1/24/2018				<0.0025	<0.0025
6/21/2018				<0.0025	<0.0025
6/25/2018	<0.0025	<0.0025	<0.0025		
1/21/2019			<0.0025		
1/22/2019				5.8E-05 (J)	7.9E-05 (J)

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0025	<0.0025			
6/25/2019			<0.0025	<0.0025	<0.0025
6/26/2019	<0.0025	<0.0025			
9/10/2019			<0.0025	<0.0025	
9/12/2019	<0.0025	<0.0025			
9/16/2019					<0.0025
3/12/2020			<0.0025	0.00061 (J)	
3/16/2020	<0.0025	<0.0025			0.00041 (J)
9/9/2020	<0.0025				
9/11/2020		<0.0025			<0.0025
9/14/2020			<0.0025	<0.0025	
3/16/2021			<0.0025	<0.0025	<0.0025
3/17/2021	<0.0025	<0.0025			
8/18/2021		<0.0025			
8/19/2021	<0.0025		<0.0025		
8/20/2021				<0.0025	
8/25/2021					<0.0025

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			<0.08	<0.08		
3/23/2016	<0.08	<0.08				<0.08
3/31/2016					<0.08	
5/19/2016				<0.08		<0.08
5/20/2016	<0.08					
5/23/2016			<0.08			
5/24/2016		<0.08				
5/25/2016					<0.08	
7/21/2016	<0.08			<0.08		<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			
9/16/2016		<0.08				
11/9/2016			<0.08			
11/10/2016		<0.08				<0.08
11/11/2016	<0.08					
1/17/2017			<0.08	<0.08		<0.08
1/19/2017	<0.08	<0.08				
3/16/2017	<0.08		<0.08			<0.08
3/17/2017		<0.08				
4/27/2017			<0.08	<0.08		<0.08
4/28/2017	<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
10/4/2017	<0.08					
1/19/2018	<0.08	<0.08	<0.08	<0.08		
1/22/2018						<0.08
6/19/2018	<0.08	<0.08	<0.08	<0.08		<0.08
6/20/2018					<0.08	
9/25/2018	<0.08	<0.08	<0.08	<0.08		<0.08
1/17/2019	<0.08	<0.08				<0.08
1/18/2019				<0.08	<0.08	
1/21/2019			<0.08			
6/24/2019	0.034 (J)	<0.08				<0.08
6/25/2019			<0.08	<0.08	<0.08	
9/9/2019	<0.08					
9/10/2019		<0.08	<0.08	<0.08		<0.08
9/11/2019					<0.08	
3/10/2020	0.041 (J)	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08		<0.08	<0.08	<0.08	<0.08
9/10/2020		<0.08				
3/15/2021	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
8/16/2021	<0.08		<0.08			
8/18/2021		<0.08		<0.08	<0.08	<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		<0.08	<0.08	<0.08		
3/30/2016	<0.08				0.291	0.0787 (J)
5/25/2016	<0.08	<0.08	<0.08	<0.08	0.443	0.0536 (J)
7/22/2016			<0.08			
7/25/2016		<0.08				
7/26/2016				<0.08	1.1	<0.08
7/27/2016	<0.08					
9/15/2016			<0.08	<0.08	0.61	
9/16/2016	<0.08					
9/19/2016		<0.08				
9/20/2016						<0.08
11/16/2016		<0.08	<0.08			
11/17/2016	<0.08			<0.08	1	<0.08
1/31/2017		<0.08	<0.08	<0.08		
2/1/2017	<0.08				0.29	0.023 (J)
3/23/2017		<0.08	<0.08	<0.08	0.44	0.042 (J)
3/24/2017	<0.08					
5/2/2017		<0.08				
5/3/2017	<0.08		<0.08	<0.08	0.44	0.034 (J)
10/4/2017	<0.08	0.022 (J)	0.022 (J)		0.95	0.044 (J)
10/5/2017				<0.08		
1/24/2018		<0.08	0.023 (J)			
1/25/2018	<0.08			<0.08	0.43	0.052
6/20/2018		<0.08		<0.08	1.2	<0.08
6/21/2018	<0.08					
6/26/2018			0.024 (J)			
9/27/2018	<0.08	<0.08				
9/28/2018			<0.08			
10/1/2018					0.57	0.03 (J)
10/2/2018				<0.08		
1/22/2019				<0.08	0.63	0.1
1/24/2019		<0.08				
1/25/2019			0.036 (J)			
1/31/2019	<0.08					
6/25/2019				<0.08	0.71	0.066 (J)
6/26/2019	0.053 (J)	<0.08	0.057 (J)			
9/11/2019			0.042 (J)			
9/12/2019				<0.08	1.8	
9/16/2019		<0.08				
9/17/2019	<0.08					<0.08
3/12/2020				<0.08		
3/16/2020		<0.08				0.14
3/17/2020	<0.08				1.2	
3/18/2020			0.058 (J)			
9/10/2020	<0.08	<0.08	0.043 (J)	<0.08	1.1	0.064 (J)
3/16/2021			<0.08			
3/17/2021		<0.08		<0.08	1	
3/18/2021	<0.08					0.071 (J)
8/19/2021			0.077 (J)			
8/20/2021	<0.08					
8/23/2021		<0.08		<0.08	0.61	
8/24/2021						0.047 (J)

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
5/25/2016	<0.08	<0.08				
5/26/2016			<0.08	<0.08	<0.08	<0.08
7/25/2016			<0.08	<0.08	<0.08	
7/26/2016						<0.08
7/27/2016	<0.08	<0.08				
9/16/2016	<0.08					
9/19/2016		<0.08	<0.08	<0.08		
9/20/2016					<0.08	<0.08
11/17/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
2/1/2017	<0.08	<0.08	<0.08			
2/2/2017				<0.08	<0.08	<0.08
3/24/2017	<0.08	<0.08	<0.08	<0.08		
3/28/2017					<0.08	<0.08
5/3/2017	<0.08	<0.08	<0.08	<0.08		
5/4/2017					<0.08	<0.08
10/4/2017		<0.08				
10/5/2017	<0.08		<0.08	<0.08		
10/6/2017					<0.08	<0.08
1/25/2018	<0.08	<0.08	<0.08	<0.08		
1/26/2018					<0.08	<0.08
6/20/2018	<0.08					<0.08
6/21/2018			<0.08	<0.08	<0.08	
6/26/2018		<0.08				
9/27/2018				<0.08	<0.08	<0.08
9/28/2018			<0.08			
10/1/2018	<0.08					
10/2/2018		<0.08				
1/24/2019		<0.08				<0.08
1/25/2019	<0.08					
1/28/2019			<0.08	<0.08	<0.08	
6/25/2019	<0.08	<0.08			<0.08	<0.08
6/26/2019				0.036 (J)		
6/27/2019			<0.08			
9/11/2019	<0.08	<0.08	<0.08		<0.08	<0.08
9/12/2019				<0.08		
3/17/2020	<0.08	<0.08	<0.08			
3/18/2020				<0.08	<0.08	<0.08
9/11/2020	<0.08					
9/14/2020		<0.08	<0.08			
9/15/2020				<0.08	<0.08	<0.08
3/16/2021		<0.08	<0.08		<0.08	<0.08
3/17/2021	<0.08			<0.08		
8/19/2021						0.047 (J)
8/20/2021	<0.08	<0.08				
8/24/2021			<0.08	<0.08	<0.08	

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						<0.08
3/24/2016					<0.08	
3/28/2016				<0.08		
3/29/2016		<0.08				
3/30/2016			<0.08			
3/31/2016	<0.08					
5/24/2016						<0.08
5/25/2016		<0.08	<0.08	<0.08	<0.08	
5/26/2016	<0.08					
7/26/2016	<0.08				<0.08	<0.08
7/27/2016		<0.08	<0.08	<0.08		
9/16/2016			<0.08			
9/19/2016				<0.08	<0.08	<0.08
9/20/2016	<0.08	<0.08				
11/11/2016						<0.08
11/14/2016					<0.08	
11/15/2016				<0.08		
11/17/2016	<0.08					
11/18/2016		<0.08	<0.08			
1/19/2017					<0.08	
1/20/2017						<0.08
1/24/2017				<0.08		
2/3/2017	<0.08	<0.08	<0.08			
3/16/2017					<0.08	<0.08
3/23/2017				<0.08		
3/28/2017	<0.08	<0.08				
3/29/2017			<0.08			
4/28/2017						<0.08
5/1/2017					<0.08	
5/2/2017				<0.08		
5/3/2017	<0.08					
5/4/2017		<0.08	<0.08			
10/3/2017						<0.08
10/4/2017					<0.08	
10/5/2017	<0.08	<0.08	<0.08	<0.08		
1/19/2018						<0.08
1/22/2018					<0.08	
1/25/2018	<0.08	<0.08	<0.08	<0.08		
6/20/2018	<0.08	<0.08				
6/27/2018			<0.08	<0.08	<0.08	<0.08
9/26/2018				0.023 (J)		
9/27/2018					<0.08	<0.08
9/28/2018			<0.08			
10/1/2018	<0.08	<0.08				
1/24/2019	<0.08			<0.08	<0.08	<0.08
1/25/2019		<0.08				
1/31/2019			<0.08			
6/25/2019	<0.08			<0.08	<0.08	
6/26/2019		<0.08	<0.08			<0.08
9/10/2019	<0.08					
9/11/2019			0.053 (J)	<0.08		
9/12/2019		<0.08			<0.08	<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			<0.08	<0.08		<0.08
3/13/2020					<0.08	
3/18/2020	0.041 (J)	<0.08				
9/9/2020						<0.08
9/10/2020	<0.08	<0.08				
9/14/2020				<0.08		
9/15/2020			<0.08		<0.08	
3/15/2021	<0.08					
3/17/2021				<0.08	<0.08	
3/18/2021		<0.08	<0.08			<0.08
8/19/2021	<0.08		<0.08	<0.08	<0.08	
8/23/2021		<0.08				<0.08

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	<0.08		<0.08	<0.08		
3/24/2016					<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		
5/25/2016		<0.08				
7/21/2016	<0.08				<0.08	<0.08
7/22/2016			<0.08	<0.08		
7/27/2016		<0.08				
9/15/2016					<0.08	<0.08
9/16/2016			<0.08	<0.08		
9/20/2016	<0.08					
11/14/2016	<0.08					
11/15/2016			<0.08		<0.08	<0.08
11/17/2016				0.023 (J)		
1/24/2017	<0.08					
1/25/2017		<0.08		<0.08	<0.08	
1/26/2017			<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			
5/1/2017	<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
10/4/2017	<0.08					
10/5/2017				0.025 (J)		
10/6/2017		<0.08	<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				
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
1/28/2019					<0.08	
1/30/2019	<0.08		<0.08	<0.08		
1/31/2019		<0.08				
6/26/2019		<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
3/11/2020	<0.08				<0.08	<0.08
3/12/2020				<0.08		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		<0.08				
3/18/2020			<0.08			
9/10/2020	<0.08					
9/11/2020		<0.08			<0.08	<0.08
9/15/2020			<0.08			
9/16/2020				<0.08		
3/16/2021		<0.08			<0.08	<0.08
3/17/2021			<0.08			
3/18/2021	<0.08			<0.08		
8/18/2021						<0.08
8/23/2021	<0.08					
8/24/2021			<0.08	<0.08	<0.08	
8/25/2021		<0.08				

Time Series

Constituent: Boron, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	<0.08	<0.08			
3/29/2016			<0.08	<0.08	0.0635 (J)
5/23/2016	<0.08				
5/24/2016		<0.08	<0.08	0.022 (J)	0.0981 (J)
7/21/2016	<0.08	<0.08			
7/22/2016			<0.08		
7/25/2016					0.26
7/26/2016				<0.08	
9/15/2016	<0.08	<0.08	<0.08		
9/19/2016				<0.08	0.38
11/15/2016	<0.08				
11/16/2016		<0.08	<0.08	<0.08	0.44
1/26/2017	<0.08	<0.08	<0.08	<0.08	
1/31/2017					0.11
3/22/2017	<0.08	<0.08	<0.08		
3/23/2017				<0.08	0.071
5/2/2017	<0.08	<0.08	<0.08		0.089
5/3/2017				<0.08	
10/3/2017	<0.08	<0.08	<0.08		0.12
10/5/2017				<0.08	
1/23/2018	<0.08	<0.08	<0.08		
1/24/2018				<0.08	0.044 (J)
6/21/2018				<0.08	0.07
6/25/2018	<0.08	<0.08	<0.08		
9/25/2018		<0.08			
9/26/2018				<0.08	0.14
10/2/2018			<0.08		
10/3/2018	<0.08				
1/21/2019			<0.08		
1/22/2019				<0.08	0.038 (J)
1/30/2019	<0.08	<0.08			
6/25/2019			<0.08	<0.08	0.068 (J)
6/26/2019	0.045 (J)	0.044 (J)			
9/10/2019			<0.08	<0.08	
9/12/2019	<0.08	<0.08			
9/16/2019					0.19
3/12/2020			<0.08	<0.08	
3/16/2020	<0.08	<0.08			0.052 (J)
9/9/2020	<0.08				
9/11/2020		<0.08			0.14
9/14/2020			<0.08	<0.08	
3/16/2021			<0.08	<0.08	0.05 (J)
3/17/2021	<0.08	<0.08			
8/18/2021		<0.08			
8/19/2021	<0.08		<0.08		
8/20/2021				0.04 (J)	
8/25/2021					0.083

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0025	<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
10/28/2011			<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			
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					
7/23/2012		<0.0025				<0.0025
1/23/2013		<0.0025				<0.0025
1/24/2013	<0.0025		<0.0025	<0.0025		
7/17/2013	<0.0025					<0.0025
7/23/2013			<0.0025			
7/24/2013		<0.0025		<0.0025		
1/15/2014						<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025	<0.0025	<0.0025		
6/25/2014	<0.0025				<0.0025	<0.0025
7/1/2014		<0.0025	<0.0025			
7/8/2014				<0.0025 (D)		
1/14/2015	<0.0025					<0.0025
1/21/2015			<0.0025	<0.0025		
1/22/2015		<0.0025				
7/21/2015	<0.0025		<0.0025		0.00042 (J)	<0.0025
7/22/2015		<0.0025		<0.0025		
1/19/2016				<0.0025 (D)		
1/20/2016		<0.0025				<0.0025
1/21/2016	<0.0025					
1/22/2016			<0.0025			
3/22/2016			<0.0025	<0.0025		
3/23/2016	<0.0025	<0.0025				<0.0025
3/31/2016					0.000546 (J)	
5/19/2016				0.000111 (J)		<0.0025
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					0.000137 (J)	
7/21/2016	<0.0025			<0.0025		<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			
9/16/2016		<0.0025				
11/9/2016			<0.0025			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0025				<0.0025
11/11/2016	<0.0025					
1/17/2017			<0.0025	<0.0025		<0.0025
1/19/2017	<0.0025	<0.0025				
3/16/2017	<0.0025		<0.0025			<0.0025
3/17/2017		<0.0025				
4/27/2017			<0.0025	<0.0025		<0.0025
4/28/2017	<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					
10/3/2017					<0.0025	
1/19/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/22/2018						<0.0025
6/19/2018	0.0005 (J)	<0.0025	<0.0025	<0.0025		<0.0025
6/20/2018					<0.0025	
1/17/2019	<0.0025	<0.0025				<0.0025
1/18/2019				<0.0025	<0.0025	
1/21/2019			<0.0025			
6/24/2019	<0.0025	<0.0025				<0.0025
6/25/2019			<0.0025	<0.0025	0.00014 (J)	
9/9/2019	<0.0025					
9/10/2019		<0.0025	<0.0025	<0.0025		<0.0025
9/11/2019					<0.0025	
3/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020		<0.0025				
3/15/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/16/2021	<0.0025		<0.0025			
8/18/2021		<0.0025		<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0025	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					<0.0025	<0.0025
10/28/2011		<0.0025	<0.0025	<0.0025		
12/3/2011					<0.0025	<0.0025
12/4/2011		<0.0025	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	<0.0025	
2/9/2012		<0.0025				<0.0025
7/11/2012			<0.0025	<0.0025	<0.0025	<0.0025
7/18/2012		<0.0025				
1/8/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/2/2013						<0.0025
7/9/2013		<0.0025				
7/10/2013			<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
6/25/2014		<0.0025				
7/1/2014			<0.0025	<0.0025	<0.0025	
1/14/2015					<0.0025	<0.0025
1/21/2015		0.0014	<0.0025	<0.0025		
7/22/2015					0.00028 (J)	<0.0025
7/28/2015		0.0022	<0.0025	<0.0025		
1/25/2016	<0.0025					
1/26/2016		<0.0025	<0.0025			
1/27/2016				<0.0025	<0.0025	<0.0025
3/29/2016		<0.0025	<0.0025	<0.0025		
3/30/2016	<0.0025				0.000222 (J)	<0.0025
5/25/2016	<0.0025	<0.0025	<0.0025	<0.0025	0.000327 (J)	<0.0025
7/22/2016			<0.0025			
7/25/2016		<0.0025				
7/26/2016				<0.0025	<0.0025	<0.0025
7/27/2016	<0.0025					
9/15/2016			<0.0025	<0.0025	0.00053 (J)	
9/16/2016	<0.0025					
9/19/2016		<0.0025				
9/20/2016						<0.0025
11/16/2016		<0.0025	<0.0025			
11/17/2016	<0.0025			<0.0025	<0.0025	<0.0025
1/31/2017		<0.0025	<0.0025	<0.0025		
2/1/2017	<0.0025				<0.0025	<0.0025
3/23/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025					
5/2/2017		<0.0025				
5/3/2017	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
8/4/2017				<0.0025		<0.0025
8/7/2017		<0.0025	<0.0025		0.00051 (J)	
8/8/2017	<0.0025					
1/24/2018		<0.0025	<0.0025			
1/25/2018	<0.0025			<0.0025	<0.0025	<0.0025
6/20/2018		<0.0025		<0.0025	0.00047 (J)	<0.0025
6/21/2018	<0.0025					

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.00021 (J)	<0.0025
1/24/2019		<0.0025				
1/25/2019			<0.0025			
1/31/2019	<0.0025					
6/25/2019				<0.0025	0.00021 (J)	<0.0025
6/26/2019	<0.0025	<0.0025	<0.0025			
9/11/2019			<0.0025			
9/12/2019				<0.0025	0.00052 (J)	
9/16/2019		<0.0025				
9/17/2019	<0.0025					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.00033 (J)				<0.0025
3/17/2020	<0.0025				0.00036 (J)	
3/18/2020			<0.0025			
9/10/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.00043 (J)	<0.0025
3/16/2021			<0.0025			
3/17/2021		<0.0025		<0.0025	0.00043 (J)	
3/18/2021	<0.0025					<0.0025
8/19/2021			<0.0025			
8/20/2021	<0.0025					
8/23/2021		<0.0025		<0.0025	<0.0025	
8/24/2021						<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0025	<0.0025	<0.0025	<0.0025		
8/31/2011					<0.0025	<0.0025
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	<0.0025
12/3/2011	<0.0025	<0.0025	<0.0025	<0.0025		
12/4/2011					<0.0025	<0.0025
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						<0.0025
1/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
1/9/2013						<0.0025
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				<0.0025	<0.0025	0.00029
6/24/2014			<0.0025	<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	<0.0025	<0.0025	<0.0025
7/28/2015		<0.0025				
1/26/2016						<0.0025
1/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	<0.0025	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					<0.0025	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				<0.0025	<0.0025	<0.0025
3/24/2017	<0.0025	<0.0025	<0.0025	<0.0025		
3/28/2017					<0.0025	<0.0025
5/3/2017	<0.0025	<0.0025	<0.0025	<0.0025		
5/4/2017					<0.0025	<0.0025
8/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/26/2018					<0.0025	<0.0025
6/20/2018	<0.0025					<0.0025
6/21/2018			<0.0025	<0.0025	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				<0.0025
1/25/2019	<0.0025					
1/28/2019			<0.0025	<0.0025	<0.0025	
6/25/2019	<0.0025	<0.0025			<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0025		
6/27/2019			<0.0025			
9/11/2019	<0.0025	<0.0025	<0.0025		<0.0025	0.00018 (J)
9/12/2019				<0.0025		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				<0.0025	<0.0025	<0.0025
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				<0.0025	<0.0025	<0.0025
3/16/2021		<0.0025	<0.0025		<0.0025	0.00025 (J)
3/17/2021	<0.0025			<0.0025		
8/19/2021						<0.0025
8/20/2021	<0.0025	<0.0025				
8/24/2021			<0.0025	<0.0025	<0.0025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		<0.0025				
9/17/2011				<0.0025	<0.0025	<0.0025
10/29/2011	<0.0025	<0.0025			<0.0025	<0.0025
10/31/2011				<0.0025		
12/13/2011	<0.0025	<0.0025				
12/14/2011				<0.0025	<0.0025	<0.0025
1/25/2012	<0.0025					<0.0025
1/31/2012		<0.0025				
2/7/2012				<0.0025	<0.0025	
7/17/2012				<0.0025	<0.0025	<0.0025
7/18/2012	<0.0025	<0.0025				
1/22/2013	<0.0025	<0.0025				
1/24/2013					<0.0025	<0.0025
7/16/2013	<0.0025					
7/23/2013		<0.0025				
7/24/2013				<0.0025	<0.0025	<0.0025
1/21/2014	<0.0025					
1/22/2014		<0.0025				
1/23/2014				<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025					
7/1/2014		<0.0025				
7/8/2014			<0.0025	<0.0025	<0.0025	<0.0025
1/14/2015	<0.0025					
1/21/2015				<0.0025	<0.0025	<0.0025
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		<0.0025				
7/30/2015				<0.0025		<0.0025
7/31/2015			<0.0025		<0.0025	
1/20/2016			<0.0025			
1/21/2016		<0.0025		<0.0025		
1/22/2016						<0.0025
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						<0.0025
3/24/2016					<0.0025	
3/28/2016				<0.0025		
3/29/2016		<0.0025				
3/30/2016			0.000124 (J)			
3/31/2016	<0.0025					
5/24/2016						<0.0025
5/25/2016		<0.0025	<0.0025	<0.0025	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	<0.0025
7/27/2016		<0.0025	<0.0025	<0.0025		
9/16/2016			<0.0025			
9/19/2016				<0.0025	<0.0025	<0.0025
9/20/2016	<0.0025	<0.0025				
11/11/2016						<0.0025
11/14/2016					<0.0025	
11/15/2016				<0.0025		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	<0.0025			
1/19/2017					<0.0025	
1/20/2017						<0.0025
1/24/2017				<0.0025		
2/3/2017	<0.0025	<0.0025	0.0021			
3/16/2017					<0.0025	<0.0025
3/23/2017				<0.0025		
3/28/2017	<0.0025	<0.0025				
3/29/2017			<0.0025			
4/28/2017						<0.0025
5/1/2017					<0.0025	
5/2/2017				<0.0025		
5/3/2017	<0.0025					
5/4/2017		<0.0025	<0.0025			
8/3/2017				<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025			
1/19/2018						<0.0025
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	<0.0025	<0.0025		
6/20/2018	<0.0025	<0.0025				
6/27/2018			<0.0025	<0.0025	<0.0025	<0.0025
1/24/2019	<0.0025			<0.0025	<0.0025	<0.0025
1/25/2019		<0.0025				
1/31/2019			<0.0025			
6/25/2019	0.00057 (J)			<0.0025	<0.0025	
6/26/2019		<0.0025	<0.0025			<0.0025
9/10/2019	0.00046 (J)					
9/11/2019			<0.0025	0.0002 (J)		
9/12/2019		<0.0025			<0.0025	<0.0025
3/12/2020			<0.0025	<0.0025		<0.0025
3/13/2020					<0.0025	
3/18/2020	0.00062 (J)	<0.0025				
9/9/2020						<0.0025
9/10/2020	<0.0025	<0.0025				
9/14/2020				<0.0025		
9/15/2020			<0.0025		<0.0025	
3/15/2021	<0.0025					
3/17/2021				<0.0025	<0.0025	
3/18/2021		<0.0025	<0.0025			<0.0025
8/19/2021	<0.0025		<0.0025	<0.0025	<0.0025	
8/23/2021		<0.0025				<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	<0.0025
7/17/2012			<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					
7/2/2013						<0.0025
7/17/2013				<0.0025	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						<0.0025
1/23/2014	<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			
1/14/2015					<0.0025	<0.0025
1/20/2015	<0.0025		<0.0025	<0.0025		
1/21/2015		<0.0025				
7/28/2015						<0.0025
7/29/2015				<0.0025	<0.0025	
7/30/2015	<0.0025		<0.0025			
1/19/2016	<0.0025					
1/21/2016					<0.0025	<0.0025
1/25/2016		<0.0025	<0.0025	<0.0025		
3/23/2016	<0.0025		<0.0025	<0.0025		
3/24/2016					<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		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			<0.0025	<0.0025		
7/27/2016		<0.0025				
9/15/2016					<0.0025	<0.0025
9/16/2016			<0.0025	<0.0025		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			<0.0025		<0.0025	<0.0025
11/17/2016				<0.0025		
1/24/2017	<0.0025					
1/25/2017		<0.0025		<0.0025	<0.0025	
1/26/2017			<0.0025			<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.0025					
3/22/2017					<0.0025	<0.0025
3/23/2017		<0.0025		<0.0025		
3/24/2017			<0.0025			
5/1/2017	<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
8/4/2017	<0.0025	<0.0025		<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				
1/21/2019						<0.0025
1/28/2019					<0.0025	
1/30/2019	<0.0025		<0.0025	<0.0025		
1/31/2019		<0.0025				
6/26/2019		<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
3/11/2020	<0.0025				<0.0025	<0.0025
3/12/2020				<0.0025		
3/17/2020		<0.0025				
3/18/2020			<0.0025			
9/10/2020	<0.0025					
9/11/2020		<0.0025			<0.0025	<0.0025
9/15/2020			<0.0025			
9/16/2020				<0.0025		
3/16/2021		<0.0025			<0.0025	<0.0025
3/17/2021			<0.0025			
3/18/2021	<0.0025			<0.0025		
8/18/2021						<0.0025
8/23/2021	<0.0025					
8/24/2021			<0.0025	<0.0025	<0.0025	
8/25/2021		<0.0025				

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0025	<0.0025			
9/7/2011			<0.0025	<0.0025	<0.0025
10/27/2011	<0.0025				
10/30/2011		<0.0025	<0.0025	<0.0025	<0.0025
12/4/2011					<0.0025
12/5/2011	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2012				<0.0025	<0.0025
1/25/2012	<0.0025	<0.0025	<0.0025		
7/18/2012	<0.0025		<0.0025	<0.0025	<0.0025
7/24/2012		<0.0025			
1/7/2013			<0.0025	<0.0025	
1/8/2013		<0.0025			<0.0025
1/9/2013	<0.0025				
7/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
7/17/2013	<0.0025				
1/14/2014			<0.0025	<0.0025	<0.0025
1/15/2014	<0.0025	<0.0025			
6/24/2014			<0.0025	<0.0025	<0.0025
6/25/2014	<0.0025	<0.0025			
1/13/2015	<0.0025				
1/20/2015		<0.0025	<0.0025	<0.0025	<0.0025
7/24/2015	<0.0025	<0.0025			
7/27/2015			<0.0025	<0.0025	<0.0025
1/20/2016	<0.0025	<0.0025			
1/26/2016			<0.0025	<0.0025	<0.0025
3/28/2016	<0.0025	<0.0025			
3/29/2016			<0.0025	<0.0025	<0.0025
5/23/2016	<0.0025				
5/24/2016		<0.0025	<0.0025	<0.0025	<0.0025
7/21/2016	<0.0025	<0.0025			
7/22/2016			<0.0025		
7/25/2016					<0.0025
7/26/2016				<0.0025	
9/15/2016	<0.0025	<0.0025	<0.0025		
9/19/2016				<0.0025	<0.0025
11/15/2016	<0.0025				
11/16/2016		<0.0025	<0.0025	<0.0025	<0.0025
1/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/31/2017					<0.0025
3/22/2017	<0.0025	<0.0025	<0.0025		
3/23/2017				<0.0025	<0.0025
5/2/2017	<0.0025	<0.0025	<0.0025		<0.0025
5/3/2017				<0.0025	
8/3/2017	<0.0025	<0.0025			
8/4/2017			<0.0025		
8/7/2017				<0.0025	<0.0025
1/23/2018	<0.0025	<0.0025	<0.0025		
1/24/2018				<0.0025	<0.0025
6/21/2018				<0.0025	<0.0025
6/25/2018	<0.0025	<0.0025	<0.0025		
1/21/2019			<0.0025		
1/22/2019				<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0025	<0.0025			
6/25/2019			<0.0025	<0.0025	<0.0025
6/26/2019	<0.0025	<0.0025			
9/10/2019			<0.0025	<0.0025	
9/12/2019	<0.0025	<0.0025			
9/16/2019					<0.0025
3/12/2020			<0.0025	0.00032 (J)	
3/16/2020	<0.0025	<0.0025			<0.0025
9/9/2020	<0.0025				
9/11/2020		<0.0025			<0.0025
9/14/2020			<0.0025	<0.0025	
3/16/2021			<0.0025	<0.0025	<0.0025
3/17/2021	<0.0025	<0.0025			
8/18/2021		<0.0025			
8/19/2021	<0.0025		<0.0025		
8/20/2021				<0.0025	
8/25/2021					<0.0025

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			2.86	4.65		
3/23/2016	0.893	3.09				24.2
3/31/2016					39.6	
5/19/2016				5.08		33.6
5/20/2016	0.784					
5/23/2016			2.81			
5/24/2016		3.51				
5/25/2016					28.3	
7/21/2016	0.6			4.7		30
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			
9/16/2016		3.6				
11/9/2016			2.6			
11/10/2016		3.7				27
11/11/2016	0.59					
1/17/2017			2.4	3.7		26
1/19/2017	0.59	4.2				
3/16/2017	0.72		2.7			27
3/17/2017		3.4				
4/27/2017			2.4	3.9		27
4/28/2017	0.72	3.9				
7/18/2017				<0.25 (*)		
8/1/2017				3.8	72	
10/3/2017		4.2	2.7	4.1	91 (o)	30
10/4/2017	0.73					
1/19/2018	0.7	3.8	2.6	3.7		
1/22/2018						33
6/19/2018	0.75	3.4	2.5	4.1		26
6/20/2018					43	
9/25/2018	0.73	4	2.8	4.6		29
1/17/2019	0.74	3.5				22
1/18/2019				4.2	10	
1/21/2019			3			
6/24/2019	0.76	5				27
6/25/2019			3	4.8	10	
9/9/2019	0.8					
9/10/2019		4.2	2.9	4.8		31
9/11/2019					11	
3/10/2020	0.85	3.3	2.9	4.1	11	26
9/9/2020	0.81		2.8	3.9	12	26
9/10/2020		3.4				
3/15/2021	0.82	3.2	3	4.6	16	21
8/16/2021	0.77		2.7			
8/18/2021		3.3		4.2	16	24

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		15	32.6	3.91		
3/30/2016	27.6				13.8	13.3
5/25/2016	28.5	18.5	38.3	4.06	22.2	10.6
7/22/2016			32			
7/25/2016		14				
7/26/2016				3.7	28	7.2
7/27/2016	29					
9/15/2016			33	3.7	30	
9/16/2016	27					
9/19/2016		18				
9/20/2016						6.9
11/16/2016		15	34			
11/17/2016	29			3.5	46	6.1
1/31/2017		8	40	4.1		
2/1/2017	26				15	9.6
3/23/2017		9.3	37	3.9	18	9.9
3/24/2017	24					
5/2/2017		14				
5/3/2017	29		41	4.1	18	9.4
10/4/2017	32	16	40		48	9.3
10/5/2017				4.5		
1/24/2018		12	38			
1/25/2018	22			4.6	19	11
6/20/2018		13		4	45	11
6/21/2018	13					
6/26/2018			38			
9/27/2018	13	9				
9/28/2018			46			
10/1/2018					22	8
10/2/2018				4.2		
1/22/2019				4.4	25	13
1/24/2019		3.8				
1/25/2019			46			
1/31/2019	15					
6/25/2019				4.3	26	9.8
6/26/2019	16	11	43			
9/11/2019			42			
9/12/2019				4.2	52	
9/16/2019		14				
9/17/2019	7.2					7.7
3/12/2020				4.3		
3/16/2020		3.1				14
3/17/2020	15				40	
3/18/2020			46			
9/10/2020	29	21	46	4.6	39	7.8
3/16/2021			52			
3/17/2021		13		4.4	38	
3/18/2021	19					12
8/19/2021			51			
8/20/2021	14					
8/23/2021		9.1		4.2	21	
8/24/2021						8.6

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	6.72	8.15	6.88	8.32	8.78	2.98
5/25/2016	7.09	8.68				
5/26/2016			6.42	6.78	9.13	3.16
7/25/2016			5.3	4.7	7.7	
7/26/2016						2.9
7/27/2016	6.4	7.9				
9/16/2016	6.7					
9/19/2016		7.8	5.4	4.3		
9/20/2016					8.9	3.6
11/17/2016	6.3	7.5	5.5	4.1	7.9	2.8
2/1/2017	6.8	8.7	7.3			
2/2/2017				14	8.9	3.3
3/24/2017	6.3	7.5	6.4	8.7		
3/28/2017					7.9	3.2
5/3/2017	6.9	8.2	6.8	9.9		
5/4/2017					9.1	3.1
10/4/2017		9.1				
10/5/2017	7.4		7.3	7.5		
10/6/2017					9.4	4.1
1/25/2018	7.1	8.3	7.1	8.5		
1/26/2018					8.5	3.2
6/20/2018	6.9					3.6
6/21/2018			6.4	7.3	8.6	
6/26/2018		7.7				
9/27/2018				5.9	9.8	4.6
9/28/2018			6.9			
10/1/2018	7					
10/2/2018		8.2				
1/24/2019		7.7				4.1
1/25/2019	7					
1/28/2019			7	9.9	8.6	
6/25/2019	7	8.4			9	5
6/26/2019				7.3		
6/27/2019			7			
9/11/2019	7.1	8	7		8.4	4.1
9/12/2019				5.4		
3/17/2020	7.4	8.5	7.6			
3/18/2020				11	8.9	7.3
9/11/2020	6.9					
9/14/2020		6.6	7.3			
9/15/2020				5.7	8.1	6.4
3/16/2021		7.9	7.8		8.9	6
3/17/2021	7.3			9.6		
8/19/2021						10
8/20/2021	7.1	8.7				
8/24/2021			7.8	9.3	9.2	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.73
3/24/2016					1.72	
3/28/2016				12.3		
3/29/2016		3.32				
3/30/2016			1.01			
3/31/2016	11.5					
5/24/2016						0.745
5/25/2016		3.4	0.69	7.2	1.68	
5/26/2016	11.5					
7/26/2016	9.5				1.4	1.4
7/27/2016		2.9	0.4	5.4		
9/16/2016			1.3			
9/19/2016				8.4	1.5	1.2
9/20/2016	11	3.3				
11/11/2016						3.3
11/14/2016					1.8	
11/15/2016				10		
11/17/2016	10					
11/18/2016		2.9	1.3			
1/19/2017					1.6	
1/20/2017						2.2
1/24/2017				14		
2/3/2017	11	3.3	1.2			
3/16/2017					1.7	1
3/23/2017				13		
3/28/2017	9.8	3.1				
3/29/2017			1.3			
4/28/2017						0.88
5/1/2017					1.6	
5/2/2017				41		
5/3/2017	10					
5/4/2017		3.3	1.6			
10/3/2017						1.1
10/4/2017					1.8	
10/5/2017	11	3.6	1.4	11		
1/19/2018						2.5
1/22/2018					1.9	
1/25/2018	10	3.3	1.3	12		
6/20/2018	10	3.4				
6/27/2018			0.38	8.5	1.7	2.4
9/26/2018				9.2		
9/27/2018					2.1	3.4
9/28/2018			0.81			
10/1/2018	10	3.6				
1/24/2019	10			5.4	1.9	0.71
1/25/2019		3.7				
1/31/2019			0.39			
6/25/2019	12			3.5	1.8	
6/26/2019		3.6	0.34 (J)			3.7
9/10/2019	11					
9/11/2019			0.9	6		
9/12/2019		3.6			1.8	1.2

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			0.42 (J)	8.9		0.94
3/13/2020					2.3	
3/18/2020	11	4				
9/9/2020						2.3
9/10/2020	10	3.7				
9/14/2020				3.4		
9/15/2020			0.15 (J)		2	
3/15/2021	11					
3/17/2021				7.1	2.1	
3/18/2021		3.5	0.18 (J)			3.1
8/19/2021	11		0.32 (J)	7.4	2.1	
8/23/2021		3.9				1.6

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	3.03		5.18	13.8		
3/24/2016					3.27	1.97
3/30/2016		11.3				
5/20/2016	3.37					
5/23/2016					2.82	1.97
5/24/2016			6.58	9.38		
5/25/2016		12.9				
7/21/2016	2.9				2.6	1.7
7/22/2016			7.1	9		
7/27/2016		12				
9/15/2016					2.9	1.9
9/16/2016			8.7	11		
9/20/2016	3.2					
11/14/2016	2.8					
11/15/2016			6.9		2.5	1.8
11/17/2016				55 (O)		
1/24/2017	3.1					
1/25/2017		8.3		<0.25	2.7	
1/26/2017			13			2.2
3/17/2017	2.9					
3/22/2017					2.7	1.8
3/23/2017		10		15		
3/24/2017			12			
5/1/2017	3			10	3.1	
5/2/2017		9.8	15			2.1
7/19/2017		10				
8/4/2017		13		11		
10/3/2017					3.2	2.1
10/4/2017	3.3					
10/5/2017				16		
10/6/2017		13	15			
1/23/2018		11	12	10	3	2.2
1/24/2018	3.2					
6/19/2018						2
6/20/2018					3.2	
6/21/2018	3.3					
6/26/2018			7.1	13		
6/27/2018		9.6				
10/1/2018						2.1
10/2/2018			7.7	15	3.1	
10/3/2018	3.3	11				
1/21/2019						2
1/28/2019					2.9	
1/30/2019	3.4		7	17		
1/31/2019		11				
6/26/2019		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			10	14		1.9
3/11/2020	4.1				2.6	1.8
3/12/2020				19		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		10				
3/18/2020			12			
9/10/2020	3.9					
9/11/2020		11			2.7	2.1
9/15/2020			6.6			
9/16/2020				14		
3/16/2021		9.7			3	2.2
3/17/2021			8.5			
3/18/2021	3.9			17		
8/18/2021						2.3
8/23/2021	3.5					
8/24/2021			6.1	17	2.7	
8/25/2021		9.4				

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	23.9	10.8			
3/29/2016			70.8	27.2	12.6
5/23/2016	26.3				
5/24/2016		13	63.2	30.8	14.9
7/21/2016	21	12			
7/22/2016			56		
7/25/2016					23
7/26/2016				24	
9/15/2016	20	16	60		
9/19/2016				30	25
11/15/2016	20				
11/16/2016		14	59	30	28
1/26/2017	16	13	61	29	
1/31/2017					18
3/22/2017	17	12	56		
3/23/2017				33	19
5/2/2017	38	12	59		18
5/3/2017				28	
10/3/2017	27	14	57		19
10/5/2017				28	
1/23/2018	31	14	51		
1/24/2018				25	16
6/21/2018				29	13
6/25/2018	35	12	54		
9/25/2018		15			
9/26/2018				34	18
10/2/2018			52		
10/3/2018	32				
1/21/2019			52		
1/22/2019				22	11
1/30/2019	34	12			
6/25/2019			50	29	14
6/26/2019	39	12			
9/10/2019			50	30	
9/12/2019	31	16			
9/16/2019					19
3/12/2020			47	19	
3/16/2020	33	12			8.9
9/9/2020	32				
9/11/2020		15			14
9/14/2020			43	27	
3/16/2021			47	28	11
3/17/2021	34	15			
8/18/2021		16			
8/19/2021	35		47		
8/20/2021				28	
8/25/2021					12

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.3716	1.5096		
3/23/2016	1.8057	2.5102				9.041
3/31/2016					8.3045	
5/19/2016				1.51		13.1
5/20/2016	1.84					
5/23/2016			1.33			
5/24/2016		4.52				
5/25/2016					10.1	
7/21/2016	1.9			1.6		17
7/25/2016			1.4			
7/26/2016		4				
7/27/2016					10	
9/14/2016						17
9/15/2016	1.8		1.3			
9/16/2016		4.1				
11/9/2016			1.4			
11/10/2016		4.6				23
11/11/2016	1.8					
1/17/2017			1.3	1.3		14
1/19/2017	1.8	5.6				
3/16/2017	1.7		1.2			16
3/17/2017		4.4				
4/27/2017			1.2	1.4		15
4/28/2017	1.7	4.7				
7/18/2017				1.2		
8/1/2017				1.3		
10/3/2017		4.7	1.2	1.2	9.5	17
10/4/2017	1.7					
1/19/2018	1.6	4.3	1.1	1		
1/22/2018						15
6/19/2018	1.7	3.6	1.2	1.2		12
6/20/2018					12	
9/25/2018	1.7	4.9	1.2	1.2		17
1/17/2019	1.8	3.7				11
1/18/2019				1.3	19	
1/21/2019			1.2			
6/24/2019	1.7	6.1				11
6/25/2019			1.3	24	<1	
9/9/2019	1.9					
9/10/2019		5.1	1.3	1.3		17
9/11/2019					22	
3/10/2020	2	3.9	1.4	1.1	43	10
9/9/2020	2		1.3	1.2	34	13
9/10/2020		5.1				
3/15/2021	2.2	4	1.2	1.2	49	6.7
8/16/2021	2.3		1.5			
8/18/2021		5.2		1.4	41	11

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		3.4214	10.931	1.3057		
3/30/2016	3.7204				49.11	9.921
5/25/2016	3.89	5.33	10.5	1.27	65.8	6.31
7/22/2016			13			
7/25/2016		5.8				
7/26/2016				1.4	64	3.6
7/27/2016	6.5					
9/15/2016			13	1.3	110	
9/16/2016	5.9					
9/19/2016		5.2				
9/20/2016						2.7
11/16/2016		6.7	14			
11/17/2016	7.9			1.2	180	2.5
1/31/2017		2.1	17	1.2		
2/1/2017	4.9				46	5.4
3/23/2017		2	20	1.2	68	6.6
3/24/2017	2.6					
5/2/2017		3.3				
5/3/2017	3.9		18	1.1	49	5.1
10/4/2017	3.9	3.5	18		160	4.2
10/5/2017				1.1		
1/24/2018		2.3	19			
1/25/2018	4.2			1	52	6.5
6/20/2018		3.1		1.2	150	3.4
6/21/2018	4.6					
6/26/2018			20			
9/27/2018	5.4	3.3				
9/28/2018			21			
10/1/2018					74	4.3
10/2/2018				1.3		
1/22/2019				1.2	80	9.1
1/24/2019		0.94 (J)				
1/25/2019			23			
1/31/2019	4					
6/25/2019				1.3	82	5.8
6/26/2019	4.2	3.2	21			
9/11/2019			23			
9/12/2019				1	190	
9/16/2019		3.1				
9/17/2019	3.6					2.8
3/12/2020				1.3		
3/16/2020		0.81 (J)				9.5
3/17/2020	3.7				120	
3/18/2020			22			
9/10/2020	4.6	4.2	25	1.4	140	3.7
3/16/2021			27			
3/17/2021		2.8		1.4	140	
3/18/2021	3.2					6.3
8/19/2021			27			
8/20/2021	4.8					
8/23/2021		2.7		1.3	99	
8/24/2021						5.1

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	1.4751	1.3046	1.9012	2.2278	2.0074	3.9326
5/25/2016	1.43	1.31				
5/26/2016			1.78	1.53	2	3.59
7/25/2016			1.7	1.5	2.1	
7/26/2016						3.3
7/27/2016	1.7	1.4				
9/16/2016	1.5					
9/19/2016		1.3	1.6	1.4		
9/20/2016					2	3.1
11/17/2016	1.4	1.3	1.5	1.4	1.9	3
2/1/2017	1.4	1.2	1.9			
2/2/2017				3.1	1.9	<1
3/24/2017	1.3	1.1	1.8	2.1		
3/28/2017					1.8	3.4
5/3/2017	1.3	1.2	1.6	1.8		
5/4/2017					1.9	3.4
10/4/2017		1.1				
10/5/2017	1.3		1.5	1.6		
10/6/2017					1.8	3.2
1/25/2018	1.2	0.99 (J)	1.6	1.7		
1/26/2018					1.6	3.3
6/20/2018	1.3					3.5
6/21/2018			1.5	1.6	1.9	
6/26/2018		1.1				
9/27/2018				1.3	1.8	3.1
9/28/2018			1.6			
10/1/2018	1.4					
10/2/2018		1.2				
1/24/2019		1.2				4.1
1/25/2019	1.5					
1/28/2019			1.7	2.2	2	
6/25/2019	1.5	1.2			1.9	3.5
6/26/2019				1.5		
6/27/2019			1.6			
9/11/2019	1.6	1.1	1.5		1.9	2.9
9/12/2019				1.3		
3/17/2020	1.9	1.3	1.9			
3/18/2020				2.5	2.1	3.8
9/11/2020	1.7					
9/14/2020		1.3	1.8			
9/15/2020				1.4	2	3.2
3/16/2021		1.2	1.8		2	3.5
3/17/2021	1.6			2.2		
8/19/2021						15
8/20/2021	1.8	1.4				
8/24/2021			2	1.9	2.5	

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.0825
3/24/2016					2.8217	
3/28/2016				5.992		
3/29/2016		1.9463				
3/30/2016			4.6264			
3/31/2016	1.8479					
5/24/2016						1.08
5/25/2016		1.96	4.6		2.93	
5/26/2016	1.71			8.14		
7/26/2016	1.8				3	1.1
7/27/2016		2.1	4.9	6.3		
9/16/2016			3.6			
9/19/2016				5.1	2.9	1
9/20/2016	1.7	1.9				
11/11/2016						0.97 (J)
11/14/2016					2.8	
11/15/2016				3.9		
11/17/2016	1.7					
11/18/2016		1.8	3.4			
1/19/2017					2.8	
1/20/2017						0.99 (J)
1/24/2017				3.6		
2/3/2017	1.6	1.9	3.6			
3/16/2017					2.7	1
3/23/2017				3.2		
3/28/2017	1.5	1.8				
3/29/2017			3.2			
4/28/2017						0.96 (J)
5/1/2017					2.8	
5/2/2017				3.5		
5/3/2017	1.5					
5/4/2017		1.8	3.2			
10/3/2017						0.96 (J)
10/4/2017					2.8	
10/5/2017	1.5	1.8	3.3	3.5		
1/19/2018						0.91 (J)
1/22/2018					2.6	
1/25/2018	1.3	1.6	3.1	3.6		
6/20/2018	1.5	1.9				
6/27/2018			3.8	5.2	2.8	0.92 (J)
9/26/2018				5.6		
9/27/2018					3	1
9/28/2018			3.8			
10/1/2018	1.6	1.9				
1/24/2019	1.6			8.7	3.1	1.1
1/25/2019		2				
1/31/2019			4.1			
6/25/2019	1.7			9	3	
6/26/2019		2	4.4			1.1
9/10/2019	1.6					
9/11/2019			4.2	7.9		
9/12/2019		1.9			2.3	0.88 (J)

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			4.2	6.9		1.3
3/13/2020					3.1	
3/18/2020	1.8	2.1				
9/9/2020						1.1
9/10/2020	1.6	2.1				
9/14/2020				8.2		
9/15/2020			4.9		3.1	
3/15/2021	1.5					
3/17/2021				5.9	3	
3/18/2021		2	4.4			1.2
8/19/2021	1.8		5.2	5.9	3.1	
8/23/2021		2.2				1.1

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	1.3598		1.0533	2.2604		
3/24/2016					1.2259	4.4998
3/30/2016		1.9069				
5/20/2016	1.4					
5/23/2016					1.19	4.19
5/24/2016			1.1			
5/25/2016		1.89				
7/21/2016	1.4				1.3	4.4
7/22/2016			1.1			
9/15/2016					1.2	4
9/16/2016			1.1			
9/20/2016	1.3					
11/14/2016	1.3					
11/15/2016			1.1		1.2	4.2
11/17/2016				2.5		
1/24/2017	1.3					
1/25/2017		1.9		2.1	1.2	
1/26/2017			1.1			4.2
3/17/2017	1.3					
3/22/2017					1.1	3.9
3/23/2017				2		
3/24/2017			1.1			
5/1/2017	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		
10/3/2017					1.1	3.8
10/4/2017	1.2					
10/5/2017				2.1		
10/6/2017		1.7	1.1			
1/23/2018		1.4	<1	2	0.95 (J)	3.5
1/24/2018	1.1					
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		1.5				
10/1/2018						3.6
10/2/2018			1	2.2	1.1	
10/3/2018	1.4	1.7				
1/21/2019						3.5
1/28/2019					1.3	
1/30/2019	1.2		0.98 (J)	2.2		
1/31/2019		1.3				
6/26/2019		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			0.99 (J)	2.1		3.2
3/11/2020	1.5				1.4	3.5
3/12/2020				2.4		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		1.6				
3/18/2020			1.4			
9/10/2020	1.4					
9/11/2020		1.7			1.2	3.9
9/15/2020			1.1			
9/16/2020				2.2		
3/16/2021		1.4			1.1	4.2
3/17/2021			1.2			
3/18/2021	1.4			2.2		
8/18/2021						4.5
8/23/2021	1.5					
8/24/2021			1.3	2.6	1.4	
8/25/2021		1.5				

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	9.818	5.312			
3/29/2016			8.5125 (O)	3.5914	7.395
5/23/2016	10.4				
5/24/2016		6.21	32.8	3.16	16.4
7/21/2016	11	6.6			
7/22/2016			31		
7/25/2016					55
7/26/2016				5.9	
9/15/2016	10	6.1	29		
9/19/2016				5.4	73
11/15/2016	11				
11/16/2016		6.2	32	6.2	83
1/26/2017	9.2	5.8	29	3.6	
1/31/2017					17
3/22/2017	8.7	5.2	28		
3/23/2017				3.9	8.2
5/2/2017	13	5.1	26		11
5/3/2017				6.1	
10/3/2017	12	5.4	23		10
10/5/2017				6.4	
1/23/2018	13	5.1	18		
1/24/2018				3.5	5.6
6/21/2018				4.5	4.5
6/25/2018	12	5.5	19		
9/25/2018		6.3			
9/26/2018				5.4	19
10/2/2018			19		
10/3/2018	17				
1/21/2019			17		
1/22/2019				2.8	2.3
1/30/2019	15	5.3			
6/25/2019			16	3.9	7.7
6/26/2019	10	6			
9/10/2019			15	6	
9/12/2019	13	7.7			
9/16/2019					29
3/12/2020			13	2.9	
3/16/2020	9.5	9.7			2.3
9/9/2020	10				
9/11/2020		8.1			17
9/14/2020			12	5.5	
3/16/2021			13	3.7	3.3
3/17/2021	9.7	7.8			
8/18/2021		7.5			
8/19/2021	10		12		
8/20/2021				4.1	
8/25/2021					7.4

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	0.0014
9/16/2011	0.0015		<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<0.002
1/25/2012			<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					
7/23/2012		<0.002				0.0014
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	<0.002		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		0.0013		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	0.002	<0.002		
6/25/2014	<0.002				<0.002	<0.002
7/1/2014		<0.002	<0.002			
7/8/2014				<0.002 (D)		
1/14/2015	<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		
1/19/2016				<0.002 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
3/22/2016			<0.002	<0.002		
3/23/2016	<0.002	<0.002				<0.002
3/31/2016					<0.002	
5/19/2016				0.00684 (JO)		<0.002
5/20/2016	<0.002					
5/23/2016			<0.002			
5/24/2016		<0.002				
5/25/2016					<0.002	
7/21/2016	<0.002			<0.002		<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)			
9/16/2016		0.0019 (J)				
11/9/2016			0.0044			

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.002				<0.002
11/11/2016	<0.002					
1/17/2017			<0.002	<0.002		<0.002
1/19/2017	<0.002	<0.002				
3/16/2017	<0.002		<0.002			<0.002
3/17/2017		<0.002				
4/27/2017			<0.002	<0.002		<0.002
4/28/2017	<0.002	<0.002				
7/18/2017				<0.002		
8/1/2017			<0.002	0.0015 (J)	<0.002	
8/2/2017		<0.002				<0.002
8/3/2017	<0.002					
10/3/2017					0.0013 (J)	
1/19/2018	<0.002	<0.002	<0.002	<0.002		
1/22/2018						<0.002
6/19/2018	<0.002	0.0011 (J)	<0.002	<0.002		<0.002
6/20/2018					<0.002	
1/17/2019	0.0012 (J)	0.0016 (J)				0.0013 (J)
1/18/2019				0.002 (J)	0.0017 (J)	
1/21/2019			0.0014 (J)			
6/24/2019	0.0042	0.0022				0.0022
6/25/2019			0.0024	0.003	0.0027	
9/9/2019	0.0017 (J)					
9/10/2019		0.0019 (J)	0.0018 (J)	0.0019 (J)		<0.002
9/11/2019					<0.002	
3/10/2020	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002		<0.002	<0.002	<0.002	<0.002
9/10/2020		<0.002				
3/15/2021	<0.002	<0.002	0.0028	0.021	<0.002	<0.002
8/16/2021	<0.002		<0.002			
8/18/2021		<0.002		<0.002	<0.002	<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.0031	<0.002	0.0019	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		0.0032	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		0.0031	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/8/2012						<0.002
2/9/2012		<0.002				
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		0.0013	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<0.002	<0.002	<0.002	
1/15/2014		0.0013				
1/21/2014			<0.002	<0.002	<0.002	<0.002
6/24/2014						<0.002
6/25/2014		0.002				
7/1/2014			<0.002	<0.002	<0.002	
1/14/2015					<0.002	<0.002
1/21/2015		0.0013	<0.002	<0.002		
7/22/2015					<0.002	<0.002
7/28/2015		0.0017	<0.002	<0.002		
1/25/2016	<0.002					
1/26/2016		0.0012 (J)	<0.002			
1/27/2016				<0.002	<0.002	<0.002
3/29/2016		<0.002	<0.002	<0.002		
3/30/2016	<0.002				<0.002	<0.002
5/25/2016	<0.002	0.00213 (J)	<0.002	<0.002	<0.002	<0.002
7/22/2016			<0.002			
7/25/2016		0.0015 (J)				
7/26/2016				<0.002	<0.002	<0.002
7/27/2016	0.0029					
9/15/2016			<0.002	<0.002	<0.002	
9/16/2016	<0.002					
9/19/2016		0.0022 (J)				
9/20/2016						<0.002
11/16/2016		0.002 (JB)	<0.002			
11/17/2016	<0.002			<0.002	<0.002	<0.002
1/31/2017		0.0022 (J)	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
3/23/2017		0.002 (J)	<0.002	<0.002	<0.002	<0.002
3/24/2017	<0.002					
5/2/2017		0.0019 (J)				
5/3/2017	<0.002		<0.002	<0.002	<0.002	<0.002
8/4/2017				<0.002		<0.002
8/7/2017		0.0023 (J)	<0.002		<0.002	
8/8/2017	<0.002					
1/24/2018		0.0019 (J)	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		0.002 (J)		<0.002	<0.002	<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	<0.002					
6/26/2018			<0.002			
1/22/2019				0.0013 (J)	0.0013 (J)	0.0013 (J)
1/24/2019		0.003				
1/25/2019			0.0011 (J)			
1/31/2019	0.0018 (J)					
6/25/2019				0.0022	0.0023	0.0022
6/26/2019	0.0021	0.0041	0.0021			
9/11/2019			0.0023			
9/12/2019				0.0027	0.002	
9/16/2019		0.0035				
9/17/2019	<0.002					<0.002
3/12/2020				<0.002		
3/16/2020		0.0019 (J)				<0.002
3/17/2020	<0.002				<0.002	
3/18/2020			<0.002			
9/10/2020	<0.002	0.0018 (J)	<0.002	<0.002	<0.002	<0.002
3/16/2021			0.0022			
3/17/2021		0.0016 (J)		<0.002	<0.002	
3/18/2021	<0.002					<0.002
8/19/2021			<0.002			
8/20/2021	<0.002					
8/23/2021		0.0017 (J)		<0.002	<0.002	
8/24/2021						<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0028	0.0014	0.0014	0.0014		
8/31/2011					0.0016	0.0014
10/26/2011	0.0023	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<0.002				
2/8/2012			<0.002	<0.002	<0.002	<0.002
7/11/2012	0.0022	<0.002	<0.002	<0.002	<0.002	
7/17/2012						<0.002
1/8/2013	0.0023	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	0.0024					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	0.0023	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	0.0024	<0.002				
1/13/2015	0.0024		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	0.0023					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		<0.002				
1/26/2016						<0.002
1/27/2016	0.0022	<0.002	<0.002	<0.002	<0.002	
3/30/2016	0.00261 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
5/25/2016	0.00238 (J)	<0.002				
5/26/2016			<0.002	<0.002	<0.002	<0.002
7/25/2016			<0.002	<0.002	<0.002	
7/26/2016						<0.002
7/27/2016	0.0025	<0.002				
9/16/2016	0.0023 (J)					
9/19/2016		<0.002	<0.002	<0.002		
9/20/2016					<0.002	<0.002
11/17/2016	0.0022 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
2/1/2017	0.0024 (J)	<0.002	0.0014 (J)			
2/2/2017				<0.002	<0.002	<0.002
3/24/2017	0.0026	<0.002	<0.002	<0.002		
3/28/2017					<0.002	<0.002
5/3/2017	0.0022 (J)	<0.002	<0.002	<0.002		
5/4/2017					<0.002	<0.002
8/7/2017	0.0023 (J)	<0.002	<0.002	<0.002	0.0017 (J)	<0.002
1/25/2018	0.0023 (J)	<0.002	<0.002	<0.002		
1/26/2018					<0.002	<0.002
6/20/2018	0.0025					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		0.0014 (J)				0.0012 (J)
1/25/2019	0.0038					
1/28/2019			0.0012 (J)	<0.002	0.0011 (J)	
6/25/2019	0.0045	0.0042			0.0023	0.0021
6/26/2019				0.0023		

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/27/2019			0.0022			
9/11/2019	0.0043	<0.002	<0.002		0.0027	0.0022
9/12/2019				0.0024		
3/17/2020	0.0024	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	0.0022					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	<0.002
3/17/2021	0.0027			<0.002		
8/19/2021						<0.002
8/20/2021	0.0021	<0.002				
8/24/2021			<0.002	<0.002	<0.002	

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		0.0019				
9/17/2011				0.0015	0.0018	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				0.0065 (O)	<0.002	
7/17/2012				0.0025	<0.002	<0.002
7/18/2012	0.0016	<0.002				
1/22/2013	0.0019	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		0.0013				
7/24/2013				0.0017	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				<0.002	<0.002	<0.002
6/25/2014	0.0011 (J)					
7/1/2014		0.0011 (J)				
7/8/2014			<0.002	<0.002	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	0.0015					
7/29/2015		0.0012 (J)				
7/30/2015				<0.002		<0.002
7/31/2015			<0.002		<0.002	
1/20/2016			<0.002			
1/21/2016		<0.002		0.002		
1/22/2016						<0.002
1/25/2016					<0.002	
1/26/2016	<0.002					
3/23/2016						<0.002
3/24/2016					<0.002	
3/28/2016				<0.002		
3/29/2016		0.00226 (J)				
3/30/2016			<0.002			
3/31/2016	<0.002					
5/24/2016						<0.002
5/25/2016		<0.002	<0.002	<0.002	<0.002	
5/26/2016	<0.002					
7/26/2016	<0.002				<0.002	<0.002
7/27/2016		<0.002	<0.002	<0.002		
9/16/2016			<0.002			
9/19/2016				<0.002	<0.002	<0.002
9/20/2016	0.0011 (J)	<0.002				
11/11/2016						<0.002
11/14/2016					<0.002	
11/15/2016				<0.002		

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.002					
11/18/2016		<0.002	<0.002			
1/19/2017					<0.002	
1/20/2017						<0.002
1/24/2017				0.0043		
2/3/2017	0.0011 (J)	<0.002	0.0011 (J)			
3/16/2017					<0.002	<0.002
3/23/2017				<0.002		
3/28/2017	0.0027	<0.002				
3/29/2017			<0.002			
4/28/2017						<0.002
5/1/2017					<0.002	
5/2/2017				0.015 (O)		
5/3/2017	0.0018 (J)					
5/4/2017		<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	0.0015 (J)	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	0.0021 (J)			0.0026	0.0018 (J)	0.0015 (J)
1/25/2019		0.0017 (J)				
1/31/2019			0.0022 (J)			
6/25/2019	0.003			0.003	0.003	
6/26/2019		0.0023	0.0027			0.0022
9/10/2019	0.0026					
9/11/2019			0.0023	0.0034		
9/12/2019		0.0024			0.0033	0.0024
3/12/2020			<0.002	<0.002		<0.002
3/13/2020					<0.002	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				<0.002		
9/15/2020			<0.002		<0.002	
3/15/2021	<0.002					
3/17/2021				<0.002	<0.002	
3/18/2021		<0.002	<0.002			<0.002
8/19/2021	<0.002		<0.002	0.0016 (J)	<0.002	
8/23/2021		<0.002				<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.0052				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						<0.002
1/23/2014	<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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	0.0013		
1/21/2015		0.0026				
7/28/2015						<0.002
7/29/2015				0.0028	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	<0.002
1/25/2016		0.0014	<0.002	0.001 (J)		
3/23/2016	<0.002		<0.002	<0.002		
3/24/2016					<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		
5/25/2016		0.00321 (J)				
7/21/2016	<0.002				<0.002	<0.002
7/22/2016			<0.002	<0.002		
7/27/2016		0.0043				
9/15/2016					<0.002	<0.002
9/16/2016			<0.002	<0.002		
9/20/2016	0.0011 (J)					
11/14/2016	<0.002					
11/15/2016			<0.002		<0.002	<0.002
11/17/2016				0.0034		
1/24/2017	<0.002					
1/25/2017		0.0027		<0.002	<0.002	
1/26/2017			<0.002			<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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			
5/1/2017	<0.002			<0.002	<0.002	
5/2/2017		0.0027	<0.002			<0.002
7/19/2017		0.0019 (J)				
8/3/2017			0.0053 (O)		<0.002	<0.002
8/4/2017	<0.002	0.0021 (J)		<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		0.0017 (J)				
1/21/2019						0.0013 (J)
1/28/2019					0.00076 (J)	
1/30/2019	0.0018 (J)		0.0017 (J)	0.0026		
1/31/2019		0.0031				
6/26/2019		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			0.0024	0.0032		0.0026
3/11/2020	<0.002				<0.002	<0.002
3/12/2020				0.0018 (J)		
3/17/2020		<0.002				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		0.0018 (J)			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				<0.002		
3/16/2021		0.002			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		
8/18/2021						<0.002
8/23/2021	<0.002					
8/24/2021			<0.002	<0.002	<0.002	
8/25/2021		<0.002				

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	0.0013
10/27/2011	<0.002				
10/30/2011		0.0016	<0.002	<0.002	<0.002
12/4/2011					0.0021
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			0.0019
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	0.002
7/17/2013	<0.002				
1/14/2014			<0.002	<0.002	<0.002
1/15/2014	<0.002	<0.002			
6/24/2014			0.0018	<0.002	0.0029
6/25/2014	<0.002	<0.002			
1/13/2015	0.0012 (J)				
1/20/2015		<0.002	<0.002	<0.002	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	0.0013
1/20/2016	<0.002	<0.002			
1/26/2016			<0.002	<0.002	<0.002
3/28/2016	<0.002	<0.002			
3/29/2016			<0.002	<0.002	<0.002
5/23/2016	<0.002				
5/24/2016		<0.002	<0.002	<0.002	<0.002
7/21/2016	0.0011 (J)	<0.002			
7/22/2016			<0.002		
7/25/2016					<0.002
7/26/2016				<0.002	
9/15/2016	<0.002	<0.002	<0.002		
9/19/2016				<0.002	<0.002
11/15/2016	<0.002				
11/16/2016		<0.002	<0.002	<0.002	<0.002
1/26/2017	0.0013 (J)	<0.002	<0.002	<0.002	
1/31/2017					0.0015 (J)
3/22/2017	0.024 (O)	<0.002	<0.002		
3/23/2017				<0.002	0.0021 (J)
5/2/2017	<0.002	<0.002	<0.002		0.0016 (J)
5/3/2017				<0.002	
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				<0.002	0.0024 (J)
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	0.0019 (J)
6/21/2018				<0.002	0.0023 (J)
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			0.0012 (J)		
1/22/2019				0.0014 (J)	0.0027

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.0021 (J)	0.002 (J)			
6/25/2019			0.0021	0.0024	0.0048
6/26/2019	0.0029	0.0027			
9/10/2019			<0.002	0.0018 (J)	
9/12/2019	0.0033	0.0049			
9/16/2019					0.0027
3/12/2020			<0.002	<0.002	
3/16/2020	0.0017 (J)	<0.002			0.0015 (J)
9/9/2020	<0.002				
9/11/2020		<0.002			0.0017 (J)
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	0.0027	0.0073
3/17/2021	0.0015 (J)	<0.002			
8/18/2021		<0.002			
8/19/2021	<0.002		<0.002		
8/20/2021				<0.002	
8/25/2021					0.0024

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.0028	0.0028
9/16/2011	<0.0025		<0.0025			
9/17/2011		<0.0025		<0.0025		
10/27/2011	<0.0025	<0.0025				<0.0025
10/28/2011			<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			
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					
7/23/2012		<0.0025				0.0073
1/23/2013		<0.0025				0.0029
1/24/2013	<0.0025		<0.0025	<0.0025		
7/17/2013	<0.0025					0.0033
7/23/2013			<0.0025			
7/24/2013		<0.0025		<0.0025		
1/15/2014						0.0076
1/21/2014	<0.0025					
1/22/2014		<0.0025	<0.0025	<0.0025		
6/25/2014	<0.0025				0.00075 (J)	0.0044
7/1/2014		0.00056 (J)	<0.0025			
7/8/2014				<0.0025		
1/14/2015	0.00068 (J)					0.015
1/21/2015			<0.0025	<0.0025		
1/22/2015		0.00067 (J)				
7/21/2015	<0.0025		<0.0025		0.00066 (J)	0.0053
7/22/2015		<0.0025		<0.0025		
1/19/2016				<0.0025 (D)		
1/20/2016		<0.0025				0.0034
1/21/2016	<0.0025					
1/22/2016			<0.0025			
3/22/2016			<0.0025	<0.0025		
3/23/2016	<0.0025	<0.0025				0.00443 (J)
3/31/2016					<0.0025	
5/19/2016				<0.0025		0.00361 (J)
5/20/2016	<0.0025					
5/23/2016			<0.0025			
5/24/2016		<0.0025				
5/25/2016					<0.0025	
7/21/2016	<0.0025			<0.0025		0.0058
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			
9/16/2016		0.0011 (J)				
11/9/2016			<0.0025			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0025				0.01
11/11/2016	<0.0025					
1/17/2017			<0.0025	<0.0025		0.013
1/19/2017	<0.0025	<0.0025				
3/16/2017	<0.0025		<0.0025			0.0059
3/17/2017		<0.0025				
4/27/2017			<0.0025	<0.0025		0.0052
4/28/2017	0.00044 (J)	0.00045 (J)				
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					
10/3/2017					<0.0025	
1/19/2018	<0.0025	<0.0025	<0.0025	<0.0025		
1/22/2018						0.0046
6/19/2018	<0.0025	0.00061 (J)	<0.0025	<0.0025		0.005
6/20/2018					<0.0025	
1/17/2019	0.00033 (J)	0.00018 (J)				0.0038
1/18/2019				<0.0025	0.00011 (J)	
1/21/2019			<0.0025			
6/24/2019	0.00019 (J)	0.00019 (J)				0.006
6/25/2019			<0.0025	0.00012 (J)	0.00042 (J)	
9/9/2019	0.00019 (J)					
9/10/2019		0.00029 (J)	<0.0025	8.9E-05 (J)		0.0062
9/11/2019					0.00017 (J)	
3/10/2020	0.00017 (J)	0.00017 (J)	<0.0025	<0.0025	0.00081 (J)	0.0035
9/9/2020	<0.0025		<0.0025	<0.0025	0.00076 (J)	0.0047
9/10/2020		0.00019 (J)				
3/15/2021	0.00022 (J)	0.00021 (J)	<0.0025	<0.0025	0.0015 (J)	0.0073
8/16/2021	<0.0025		<0.0025			
8/18/2021		0.0002 (J)		<0.0025	0.00024 (J)	0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.013	<0.0025	<0.0025	<0.0025	
9/16/2011						<0.0025
10/27/2011					0.044 (O)	<0.0025
10/28/2011		0.014	<0.0025	<0.0025		
12/3/2011					0.0037	<0.0025
12/4/2011		0.011	<0.0025	<0.0025		
1/24/2012			<0.0025	<0.0025	0.021	
2/9/2012		0.0091				<0.0025
7/11/2012			<0.0025	<0.0025	<0.005	<0.0025
7/18/2012		0.0061				
1/8/2013		0.0035	<0.0025	<0.0025	<0.0013	<0.0025
7/2/2013						<0.0025
7/9/2013		0.0044				
7/10/2013			<0.0025	<0.0025	0.0014	
1/15/2014		0.0043				
1/21/2014			<0.0025	<0.0025	0.043	<0.0025
6/24/2014						<0.0025
6/25/2014		0.011				
7/1/2014			<0.0025	<0.0025	0.0011 (J)	
1/14/2015					0.019	0.00063 (J)
1/21/2015		0.0057	<0.0025	<0.0025		
7/22/2015					0.016	0.00065 (J)
7/28/2015		0.009	<0.0025	<0.0025		
1/25/2016	0.0048					
1/26/2016		0.0025	<0.0025			
1/27/2016				<0.0025	0.45	0.0016
3/29/2016		0.00664 (J)	<0.0025	<0.0025		
3/30/2016	0.0025 (J)				0.176	<0.0025
4/20/2016					0.13	
5/25/2016	0.00272 (J)	0.0102	<0.0025	<0.0025	0.0616	<0.0025
7/22/2016			<0.0025			
7/25/2016		0.0059				
7/26/2016				<0.0025	0.32	<0.0025
7/27/2016	0.0052					
9/15/2016			<0.0025	<0.0025	0.014	
9/16/2016	0.0048					
9/19/2016		0.0061				
9/20/2016						<0.0025
11/16/2016		0.005	<0.0025			
11/17/2016	0.0095			<0.0025	0.01	0.001 (J)
1/31/2017		0.012	<0.0025	<0.0025		
2/1/2017	0.009				0.2	<0.0025
3/23/2017		0.013	<0.0025	<0.0025	0.14	0.0013 (J)
3/24/2017	0.0026					
5/2/2017		0.013				
5/3/2017	0.0073		<0.0025	<0.0025	0.23	0.00055 (J)
8/4/2017				<0.0025		0.0018 (J)
8/7/2017		0.0099	<0.0025		0.026	
8/8/2017	0.0037					
1/24/2018		0.0047	<0.0025			
1/25/2018	0.01			<0.0025	0.23	0.00072 (J)
6/20/2018		0.0063		<0.0025	0.048	<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	0.012					
6/26/2018			<0.0025			
1/22/2019				<0.0025	0.22	0.00016 (J)
1/24/2019		0.0015 (J)				
1/25/2019			0.00032 (J)			
1/31/2019	0.0063					
6/25/2019				<0.0025	0.23	0.00012 (J)
6/26/2019	0.0051	0.0037	0.00039 (J)			
9/11/2019			0.00017 (J)			
9/12/2019				<0.0025	0.013	
9/16/2019		0.0034				
9/17/2019	0.006					<0.0025
3/12/2020				<0.0025		
3/16/2020		0.0014 (J)				<0.0025
3/17/2020	0.0038				0.16	
3/18/2020			0.0012 (J)			
9/10/2020	0.0046	0.0026	0.0043	<0.0025	0.078	<0.0025
3/16/2021			0.0013 (J)			
3/17/2021		0.0034		<0.0025	0.15	
3/18/2021	0.0018 (J)					<0.0025
8/19/2021			0.00044 (J)			
8/20/2021	0.0041					
8/23/2021		0.0019 (J)		<0.0025	0.31	
8/24/2021						0.00018 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0033 (O)	<0.0025	<0.0025	0.0042		
8/31/2011					<0.0025	0.0047
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025		
10/27/2011					<0.0025	0.0032
12/3/2011	<0.0025	<0.0025	<0.0025	0.0036		
12/4/2011					<0.0025	0.003
1/25/2012	<0.0025	<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	<0.0025	
7/17/2012						0.0043
1/8/2013	<0.0025	<0.0025	<0.0025	0.0017	<0.0025	
1/9/2013						0.0019
7/2/2013	<0.0025					
7/16/2013		<0.0025	<0.0025	<0.0025	<0.0025	0.0043
1/14/2014	<0.0025	<0.0025	<0.0025			
1/21/2014				0.00055 (J)	<0.0025	0.00093 (J)
6/24/2014			<0.0025	0.00071 (J)	0.00071 (J)	<0.0025
6/25/2014	<0.0025	<0.0025				
1/13/2015	<0.0025		<0.0025	0.00085 (J)	<0.0025	0.00058 (J)
1/14/2015		<0.0025				
7/22/2015	<0.0025					
7/23/2015			<0.0025	0.00099 (J)	0.0011 (J)	<0.0025
7/28/2015		<0.0025				
1/26/2016						0.0015
1/27/2016	<0.0025	<0.0025	<0.0025	0.00077 (J)	<0.0025	
3/30/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/25/2016	<0.0025	<0.0025				
5/26/2016			<0.0025	<0.0025	<0.0025	<0.0025
7/25/2016			<0.0025	<0.0025	0.00042 (J)	
7/26/2016						<0.0025
7/27/2016	<0.0025	<0.0025				
9/16/2016	<0.0025					
9/19/2016		<0.0025	<0.0025	<0.0025		
9/20/2016					0.00064 (J)	<0.0025
11/17/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/1/2017	<0.0025	<0.0025	<0.0025			
2/2/2017				0.011 (O)	<0.0025	0.0004 (J)
3/24/2017	<0.0025	<0.0025	<0.0025	0.0016 (J)		
3/28/2017					<0.0025	0.00047 (J)
5/3/2017	<0.0025	<0.0025	<0.0025	0.0017 (J)		
5/4/2017					<0.0025	0.00043 (J)
8/7/2017	<0.0025	<0.0025	<0.0025	0.00081 (J)	<0.0025	0.0024 (J)
1/25/2018	<0.0025	<0.0025	<0.0025	0.00047 (J)		
1/26/2018					0.00058 (J)	0.0048
6/20/2018	<0.0025					0.0031
6/21/2018			<0.0025	0.0009 (J)	<0.0025	
6/26/2018		<0.0025				
1/24/2019		<0.0025				0.0028
1/25/2019	0.00013 (J)					
1/28/2019			<0.0025	0.00043 (J)	<0.0025	
6/25/2019	<0.0025	<0.0025			0.00012 (J)	0.0028

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				0.00042 (J)		
6/27/2019			<0.0025			
9/11/2019	<0.0025	<0.0025	<0.0025		<0.0025	0.0017
9/12/2019				0.00035 (J)		
3/17/2020	<0.0025	<0.0025	<0.0025			
3/18/2020				0.0016 (J)	<0.0025	0.0006 (J)
9/11/2020	<0.0025					
9/14/2020		<0.0025	<0.0025			
9/15/2020				0.0003 (J)	<0.0025	0.0027
3/16/2021		<0.0025	<0.0025		<0.0025	0.0022 (J)
3/17/2021	<0.0025			0.00038 (J)		
8/19/2021						0.0049
8/20/2021	<0.0025	<0.0025				
8/24/2021			<0.0025	0.00053 (J)	<0.0025	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0025					
9/16/2011		0.0037 (O)				
9/17/2011				<0.0025	<0.0025	<0.0025
10/29/2011	<0.0025	<0.0025			<0.0025	<0.0025
10/31/2011				0.0042		
12/13/2011	<0.0025	0.003 (O)				
12/14/2011				0.0047	<0.0025	<0.0025
1/25/2012	<0.0025					<0.0025
1/31/2012		0.0027				
2/7/2012				<0.0025	<0.0025	
7/17/2012				0.044	<0.0025	0.0023
7/18/2012	<0.0025	0.0021				
1/22/2013	<0.0025	0.002				
1/24/2013					0.0018	0.0033
7/16/2013	<0.0025					
7/23/2013		0.0013				
7/24/2013				0.041	<0.0025	0.0046
1/21/2014	<0.0025					
1/22/2014		0.00035 (J)				
1/23/2014				0.0077	0.00041 (J)	0.0024
6/25/2014	<0.0025					
7/1/2014		0.00088 (J)				
7/8/2014			0.0023	0.028	<0.0025	0.0027
1/14/2015	<0.0025					
1/21/2015				0.0063	<0.0025	0.0025
1/22/2015		<0.0025				
7/23/2015	<0.0025					
7/29/2015		0.00052 (J)				
7/30/2015				0.01		0.003
7/31/2015			0.0018		<0.0025	
1/20/2016			0.0023			
1/21/2016		<0.0025		0.0094		
1/22/2016						0.0018
1/25/2016					<0.0025	
1/26/2016	<0.0025					
3/23/2016						0.00275 (J)
3/24/2016					<0.0025	
3/28/2016				0.0117		
3/29/2016		<0.0025				
3/30/2016			<0.0025			
3/31/2016	<0.0025					
5/24/2016						0.0024 (J)
5/25/2016		<0.0025	<0.0025	0.0122	<0.0025	
5/26/2016	<0.0025					
7/26/2016	<0.0025				<0.0025	0.0043
7/27/2016		<0.0025	0.00095 (J)	0.0065		
9/16/2016			0.0053			
9/19/2016				0.0071	<0.0025	0.0024 (J)
9/20/2016	<0.0025	<0.0025				
11/11/2016						0.0018 (J)
11/14/2016					0.00061 (J)	
11/15/2016				0.029		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0025					
11/18/2016		<0.0025	0.0011 (J)			
1/19/2017					<0.0025	
1/20/2017						0.0027
1/24/2017				0.033		
2/3/2017	<0.0025	<0.0025	0.00097 (J)			
3/16/2017					<0.0025	0.0024 (J)
3/23/2017				0.022		
3/28/2017	<0.0025	<0.0025				
3/29/2017			0.00059 (J)			
4/28/2017						0.0026
5/1/2017					<0.0025	
5/2/2017				0.036		
5/3/2017	<0.0025					
5/4/2017		<0.0025	0.0011 (J)			
8/3/2017				0.00041 (J)	<0.0025	0.0024 (J)
8/8/2017	<0.0025	<0.0025	0.0011 (J)			
1/19/2018						0.0019 (J)
1/22/2018					<0.0025	
1/25/2018	<0.0025	<0.0025	0.00088 (J)	0.01		
6/20/2018	<0.0025	<0.0025				
6/27/2018			0.00086 (J)	0.01	<0.0025	0.002 (J)
1/24/2019	<0.0025			0.0014 (J)	0.00012 (J)	0.0019 (J)
1/25/2019		8.4E-05 (J)				
1/31/2019			0.0029			
6/25/2019	<0.0025			0.001	0.00017 (J)	
6/26/2019		<0.0025	0.001			0.0023
9/10/2019	<0.0025					
9/11/2019			0.0013	0.013		
9/12/2019		9.3E-05 (J)			0.00012 (J)	0.0022
3/12/2020			0.002 (J)	0.0066		0.0009 (J)
3/13/2020					0.00015 (J)	
3/18/2020	0.00027 (J)	0.00022 (J)				
9/9/2020						0.0034
9/10/2020	<0.0025	0.00016 (J)				
9/14/2020				0.0074		
9/15/2020			0.0018 (J)		<0.0025	
3/15/2021	0.00013 (J)					
3/17/2021				0.004	<0.0025	
3/18/2021		0.00024 (J)	0.0028			0.0017 (J)
8/19/2021	<0.0025		0.0028	0.0041	<0.0025	
8/23/2021		<0.0025				0.0014 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0025	<0.0025	<0.0025	<0.0025
2/7/2012		<0.0025				
2/8/2012	<0.0025					
7/16/2012					<0.0025	0.0017
7/17/2012			<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	<0.0025					
7/2/2013						<0.0025
7/17/2013				0.0013	<0.0025	
7/24/2013	<0.0025		<0.0025			
1/21/2014						0.00076 (J)
1/23/2014	<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			
1/14/2015					<0.0025	0.00069 (J)
1/20/2015	<0.0025		<0.0025	0.0013		
1/21/2015		<0.0025				
7/28/2015						0.00053 (J)
7/29/2015				0.00054 (J)	<0.0025	
7/30/2015	<0.0025		<0.0025			
1/19/2016	<0.0025					
1/21/2016					<0.0025	0.0005 (J)
1/25/2016		<0.0025	<0.0025	0.00082 (J)		
3/23/2016	<0.0025		<0.0025	<0.0025		
3/24/2016					<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	0.0136		
5/25/2016		<0.0025				
7/21/2016	<0.0025				<0.0025	<0.0025
7/22/2016			0.00058 (J)	0.01		
7/27/2016		0.0015				
9/15/2016					<0.0025	<0.0025
9/16/2016			0.00088 (J)	0.011		
9/20/2016	<0.0025					
11/14/2016	<0.0025					
11/15/2016			<0.0025		0.00043 (J)	<0.0025
11/17/2016				0.0032		
1/24/2017	<0.0025					
1/25/2017		<0.0025		<0.0025	<0.0025	
1/26/2017			0.0013 (J)			<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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)			
5/1/2017	<0.0025			0.0085	<0.0025	
5/2/2017		<0.0025	0.00095 (J)			<0.0025
7/19/2017		<0.0025				
8/3/2017			0.00045 (J)		0.027 (O)	<0.0025
8/4/2017	<0.0025	<0.0025		0.0023 (J)		
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				
1/21/2019						0.00025 (J)
1/28/2019					<0.0025	
1/30/2019	<0.0025		0.00012 (J)	0.00012 (J)		
1/31/2019		<0.0025				
6/26/2019		<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			0.00087	0.00083		0.00027 (J)
3/11/2020	<0.0025				<0.0025	0.00022 (J)
3/12/2020				0.0013 (J)		
3/17/2020		0.00017 (J)				
3/18/2020			0.001 (J)			
9/10/2020	<0.0025					
9/11/2020		<0.0025			<0.0025	0.00028 (J)
9/15/2020			<0.0025			
9/16/2020				0.0019 (J)		
3/16/2021		0.00013 (J)			<0.0025	0.00026 (J)
3/17/2021			0.00021 (J)			
3/18/2021	<0.0025			0.00015 (J)		
8/18/2021						0.00022 (J)
8/23/2021	<0.0025					
8/24/2021			<0.0025	<0.0025	<0.0025	
8/25/2021		<0.0025				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	0.02	0.013			
9/7/2011			<0.0025	0.14 (O)	0.27 (O)
10/27/2011	0.038				
10/30/2011		0.037	<0.0025	0.021	<0.0025
12/4/2011					0.14
12/5/2011	0.04	0.029	<0.0025	0.17 (O)	
1/19/2012				0.028	0.13
1/25/2012	0.043	0.018	<0.0025		
7/18/2012	0.028		0.017	0.037	0.12
7/24/2012		0.011			
1/7/2013			0.03	0.037	
1/8/2013		0.012			0.056
1/9/2013	0.037				
7/9/2013		0.017	0.028	0.065	0.042
7/17/2013	0.018				
1/14/2014			0.021	0.026	0.038
1/15/2014	0.018	0.017			
6/24/2014			0.011	0.034	0.039
6/25/2014	0.019	0.0099			
1/13/2015	0.012				
1/20/2015		0.0098	0.0088	0.031	0.037
7/24/2015	0.013	0.012			
7/27/2015			0.0061	0.031	0.04
1/20/2016	0.012	0.01			
1/26/2016			0.002	0.021	0.028
3/28/2016	0.0101	0.0104			
3/29/2016			0.00652 (J)	0.0208	0.0328
5/23/2016	0.00701 (J)				
5/24/2016		0.00926 (J)	0.00462 (J)	0.0649	0.0334
7/21/2016	0.0079	0.01			
7/22/2016			0.0042		
7/25/2016					0.051
7/26/2016				0.044	
9/15/2016	0.02	0.014	0.0036		
9/19/2016				0.059	0.055
11/15/2016	0.011				
11/16/2016		0.015	0.0044	0.064	0.061
1/26/2017	0.0075	0.011	0.00091 (J)	0.0017 (J)	
1/31/2017					0.15
3/22/2017	0.0063	0.012	0.0016 (J)		
3/23/2017				0.025	0.091
5/2/2017	0.0036	0.0094	0.011		0.049
5/3/2017				0.047	
8/3/2017	0.0061	0.014			
8/4/2017			0.0033		
8/7/2017				0.042	0.057
1/23/2018	0.01	0.013	0.0028		
1/24/2018				0.014	0.044
6/21/2018				0.04	0.049
6/25/2018	0.0049	0.014	0.0057		
1/21/2019			0.00051 (J)		
1/22/2019				0.013	0.028

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.00068 (J)	0.017			
6/25/2019			0.0039	0.035	0.043
6/26/2019	0.0054	0.012			
9/10/2019			0.0035	0.041	
9/12/2019	0.0062	0.019			
9/16/2019					0.042
3/12/2020			0.00066 (J)	0.0047	
3/16/2020	0.0049	0.012			0.026
9/9/2020	0.0048				
9/11/2020		0.017			0.045
9/14/2020			0.0028	0.028	
3/16/2021			0.00057 (J)	0.0052	0.035
3/17/2021	0.0042	0.015			
8/18/2021		0.013			
8/19/2021	0.0045		0.0023 (J)		
8/20/2021				0.013	
8/25/2021					0.027

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.002	<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		
12/12/2011			<0.002	<0.002		
12/13/2011	<0.002					
12/14/2011		<0.002				<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					
7/23/2012		<0.002				<0.002
1/23/2013		<0.002				<0.002
1/24/2013	<0.002		<0.002	0.015		
7/17/2013	<0.002					<0.002
7/23/2013			<0.002			
7/24/2013		<0.002		0.015		
1/15/2014						<0.002
1/21/2014	<0.002					
1/22/2014		<0.002	0.0012 (J)	0.015		
6/25/2014	<0.002				0.0016 (J)	<0.002
7/1/2014		0.0011 (J)	<0.002			
7/8/2014				0.0081 (D)		
1/14/2015	<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		
1/19/2016				0.0083 (D)		
1/20/2016		<0.002				<0.002
1/21/2016	<0.002					
1/22/2016			<0.002			
1/17/2017			<0.002	0.0065		<0.002
1/19/2017	<0.002	<0.002				
8/1/2017			<0.002	0.0044	<0.002	
8/2/2017		<0.002				<0.002
8/3/2017	<0.002					
1/19/2018	<0.002	<0.002	<0.002	0.0046		
1/22/2018						<0.002
6/19/2018	<0.002	<0.002	<0.002	0.0063		<0.002
6/20/2018					<0.002	
1/17/2019	<0.002	<0.002				<0.002
1/18/2019				0.0059	<0.002	
1/21/2019			<0.002			
6/24/2019	<0.002	0.0011 (J)				<0.002
6/25/2019			<0.002	0.0085	0.004	
9/9/2019	<0.002					
9/10/2019		0.0014 (J)	<0.002	0.0074		<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0015 (J)	
3/10/2020	<0.002	<0.002	<0.002	0.004	0.0025	<0.002
9/9/2020	<0.002		<0.002	0.0055	0.0029	<0.002
9/10/2020		0.00099 (J)				
3/15/2021	<0.002	0.001 (J)	<0.002	0.0062	0.0031	<0.002
8/16/2021	<0.002		<0.002			
8/18/2021		0.0011 (J)		0.006	0.0017 (J)	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.002	<0.002	<0.002	<0.002	
9/16/2011						<0.002
10/27/2011					<0.002	<0.002
10/28/2011		<0.002	<0.002	<0.002		
12/3/2011					<0.002	<0.002
12/4/2011		<0.002	<0.002	<0.002		
1/24/2012			<0.002	<0.002	<0.002	
2/9/2012		<0.002				<0.002
7/11/2012			<0.002	<0.002	<0.002	<0.002
7/18/2012		<0.002				
1/8/2013		<0.002	<0.002	<0.002	<0.002	<0.002
7/2/2013						<0.002
7/9/2013		<0.002				
7/10/2013			<0.002	<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
6/25/2014		0.0012 (J)				
7/1/2014			<0.002	<0.002	0.0014 (J)	
1/14/2015					<0.002	<0.002
1/21/2015		<0.002	<0.002	<0.002		
7/22/2015					<0.002	<0.002
7/28/2015		<0.002	<0.002	<0.002		
1/25/2016	<0.002					
1/26/2016		0.001 (J)	<0.002			
1/27/2016				0.0021 (J)	0.0068 (O)	<0.002
1/31/2017		<0.002	<0.002	<0.002		
2/1/2017	<0.002				<0.002	<0.002
8/4/2017				<0.002		<0.002
8/7/2017		<0.002	<0.002		<0.002	
8/8/2017	<0.002					
1/24/2018		<0.002	<0.002			
1/25/2018	<0.002			<0.002	<0.002	<0.002
6/20/2018		<0.002		<0.002	<0.002	<0.002
6/21/2018	<0.002					
6/26/2018			<0.002			
1/22/2019				<0.002	<0.002	0.003
1/24/2019		<0.002				
1/25/2019			<0.002			
1/31/2019	<0.002					
6/25/2019				<0.002	0.0008 (J)	<0.002
6/26/2019	0.00064 (J)	<0.002	<0.002			
9/11/2019			0.00096 (J)			
9/12/2019				<0.002	0.0017 (J)	
9/16/2019		<0.002				
9/17/2019	0.0007 (J)					<0.002
3/12/2020				<0.002		
3/16/2020		<0.002				<0.002
3/17/2020	<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
3/16/2021			<0.002			

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/17/2021				0.00064 (J)	<0.002	
3/18/2021	<0.002	<0.002				<0.002
8/19/2021			<0.002			
8/20/2021	<0.002					
8/23/2021		<0.002		<0.002	<0.002	
8/24/2021						<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.002	<0.002	<0.002	<0.002		
8/31/2011					<0.002	<0.002
10/26/2011	<0.002	<0.002	<0.002	<0.002		
10/27/2011					<0.002	<0.002
12/3/2011	<0.002	<0.002	<0.002	<0.002		
12/4/2011					<0.002	<0.002
1/25/2012	<0.002	<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	<0.002	
7/17/2012						<0.002
1/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002	
1/9/2013						<0.002
7/2/2013	<0.002					
7/16/2013		<0.002	<0.002	<0.002	<0.002	<0.002
1/14/2014	<0.002	<0.002	<0.002			
1/21/2014				<0.002	<0.002	<0.002
6/24/2014			<0.002	<0.002	<0.002	<0.002
6/25/2014	<0.002	<0.002				
1/13/2015	<0.002		<0.002	<0.002	<0.002	<0.002
1/14/2015		<0.002				
7/22/2015	<0.002					
7/23/2015			<0.002	<0.002	<0.002	<0.002
7/28/2015		0.00081 (J)				
1/26/2016						<0.002
1/27/2016	<0.002	<0.002	<0.002	<0.002	<0.002	
2/1/2017	<0.002	<0.002	<0.002			
2/2/2017				<0.002	<0.002	<0.002
8/7/2017	<0.002	<0.002	<0.002	<0.002	0.0054 (O)	<0.002
1/25/2018	<0.002	<0.002	<0.002	<0.002		
1/26/2018					0.0025	<0.002
6/20/2018	<0.002					<0.002
6/21/2018			<0.002	<0.002	<0.002	
6/26/2018		<0.002				
1/24/2019		<0.002				<0.002
1/25/2019	<0.002					
1/28/2019			<0.002	<0.002	<0.002	
6/25/2019	<0.002	<0.002			<0.002	<0.002
6/26/2019				<0.002		
6/27/2019			<0.002			
9/11/2019	0.00065 (J)	0.00066 (J)	<0.002		0.00085 (J)	<0.002
9/12/2019				<0.002		
3/17/2020	<0.002	<0.002	<0.002			
3/18/2020				<0.002	<0.002	<0.002
9/11/2020	<0.002					
9/14/2020		<0.002	<0.002			
9/15/2020				<0.002	<0.002	<0.002
3/16/2021		<0.002	<0.002		<0.002	0.0012 (J)
3/17/2021	<0.002			<0.002		
8/19/2021						<0.002
8/20/2021	<0.002	<0.002				
8/24/2021			<0.002	0.00094 (J)	<0.002	

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.002					
9/16/2011		<0.002				
9/17/2011				<0.002	<0.002	<0.002
10/29/2011	<0.002	<0.002			<0.002	<0.002
10/31/2011				<0.002		
12/13/2011	<0.002	<0.002				
12/14/2011				<0.002	<0.002	<0.002
1/25/2012	<0.002					<0.002
1/31/2012		<0.002				
2/7/2012				<0.002	<0.002	
7/17/2012				<0.002	<0.002	<0.002
7/18/2012	<0.002	<0.002				
1/22/2013	<0.002	<0.002				
1/24/2013					<0.002	<0.002
7/16/2013	<0.002					
7/23/2013		<0.002				
7/24/2013				<0.002	<0.002	<0.002
1/21/2014	<0.002					
1/22/2014		<0.002				
1/23/2014				0.0034 (J)	0.0027 (J)	<0.002
6/25/2014	<0.002					
7/1/2014		0.0015 (J)				
7/8/2014			<0.002	0.0017 (J)	<0.002	<0.002
1/14/2015	<0.002					
1/21/2015				<0.002	<0.002	<0.002
1/22/2015		<0.002				
7/23/2015	<0.002					
7/29/2015		0.0012 (J)				
7/30/2015				0.0028 (J)		0.002 (J)
7/31/2015			0.0028 (J)		0.0024 (J)	
1/20/2016			0.0012 (J)			
1/21/2016		<0.002		0.0029 (J)		
1/22/2016						0.0038 (JO)
1/25/2016					<0.002	
1/26/2016	<0.002					
1/19/2017					<0.002	
1/20/2017						<0.002
1/24/2017				<0.002		
2/3/2017	<0.002	<0.002	<0.002			
8/3/2017				<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			
1/19/2018						<0.002
1/22/2018					<0.002	
1/25/2018	<0.002	<0.002	<0.002	<0.002		
6/20/2018	<0.002	<0.002				
6/27/2018			<0.002	<0.002	<0.002	<0.002
1/24/2019	<0.002			0.003	0.0017 (J)	<0.002
1/25/2019		<0.002				
1/31/2019			0.00063 (J)			
6/25/2019	<0.002			0.0029	0.002	
6/26/2019		<0.002	0.00094 (J)			<0.002
9/10/2019	0.001 (J)					

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0013 (J)	0.0072		
9/12/2019		0.00068 (J)			0.001 (J)	0.0011 (J)
1/14/2020				0.0025		
3/12/2020			0.0012 (J)	0.0022		<0.002
3/13/2020					0.00078 (J)	
3/18/2020	<0.002	<0.002				
9/9/2020						<0.002
9/10/2020	<0.002	<0.002				
9/14/2020				0.0034		
9/15/2020			0.0023		<0.002	
3/15/2021	<0.002					
3/17/2021				0.0018 (J)	<0.002	
3/18/2021		0.00066 (J)	0.0022			0.00066 (J)
8/19/2021	<0.002		0.001 (J)	0.0016 (J)	0.0011 (J)	
8/23/2021		0.0011 (J)				<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.002	<0.002	<0.002	<0.002
2/7/2012		<0.002				
2/8/2012	<0.002					
7/16/2012					<0.002	<0.002
7/17/2012			<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					
7/2/2013						<0.002
7/17/2013				<0.002	<0.002	
7/24/2013	<0.002		<0.002			
1/21/2014						0.0017 (J)
1/23/2014	<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			
1/14/2015					<0.002	<0.002
1/20/2015	<0.002		<0.002	<0.002		
1/21/2015		<0.002				
7/28/2015						0.0008 (J)
7/29/2015				0.0012 (J)	<0.002	
7/30/2015	<0.002		<0.002			
1/19/2016	<0.002					
1/21/2016					<0.002	0.00095 (J)
1/25/2016		<0.002	<0.002	<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
8/4/2017	<0.002	0.003		<0.002		
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		0.0036				
1/21/2019						<0.002
1/28/2019					<0.002	
1/30/2019	<0.002		<0.002	<0.002		
1/31/2019		0.00064 (J)				
6/26/2019		0.0019 (J)		<0.002	<0.002	<0.002
6/27/2019	<0.002		<0.002			
9/10/2019	<0.002					

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0063			0.0013 (J)	
9/12/2019			<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		
3/17/2020		0.0014 (J)				
3/18/2020			<0.002			
9/10/2020	<0.002					
9/11/2020		0.0013 (J)			<0.002	<0.002
9/15/2020			<0.002			
9/16/2020				0.00079 (J)		
3/16/2021		0.0029			<0.002	<0.002
3/17/2021			<0.002			
3/18/2021	<0.002			<0.002		
8/18/2021						<0.002
8/23/2021	<0.002					
8/24/2021			<0.002	<0.002	<0.002	
8/25/2021		0.0019 (J)				

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.002	<0.002			
9/7/2011			<0.002	<0.002	<0.002
10/27/2011	<0.002				
10/30/2011		<0.002	<0.002	<0.002	<0.002
12/4/2011					<0.002
12/5/2011	<0.002	<0.002	<0.002	<0.002	
1/19/2012				<0.002	<0.002
1/25/2012	<0.002	<0.002	<0.002		
7/18/2012	<0.002		<0.002	<0.002	<0.002
7/24/2012		<0.002			
1/7/2013			<0.002	<0.002	
1/8/2013		<0.002			<0.002
1/9/2013	<0.002				
7/9/2013		<0.002	<0.002	<0.002	<0.002
7/17/2013	<0.002				
1/14/2014			<0.002	0.001 (J)	<0.002
1/15/2014	0.0012 (J)	0.0031 (J)			
6/24/2014			<0.002	<0.002	<0.002
6/25/2014	0.00098 (J)	<0.002			
1/13/2015	0.00095 (J)				
1/20/2015		<0.002	<0.002	0.0014 (J)	<0.002
7/24/2015	<0.002	<0.002			
7/27/2015			<0.002	<0.002	<0.002
1/20/2016	<0.002	0.0011 (J)			
1/26/2016			<0.002	0.0013 (J)	0.0022 (J)
1/26/2017	<0.002	<0.002	<0.002	0.0021 (J)	
1/31/2017					0.0021 (J)
8/3/2017	<0.002	<0.002			
8/4/2017			<0.002		
8/7/2017				0.0035	<0.002
1/23/2018	<0.002	<0.002	<0.002		
1/24/2018				<0.002	<0.002
6/21/2018				0.0024 (J)	0.0026
6/25/2018	<0.002	<0.002	<0.002		
1/21/2019			<0.002		
1/22/2019				<0.002	<0.002
1/30/2019	<0.002	<0.002			
6/25/2019			<0.002	0.00074 (J)	<0.002
6/26/2019	<0.002	<0.002			
9/10/2019			<0.002	0.00065 (J)	
9/12/2019	<0.002	<0.002			
9/16/2019					<0.002
3/12/2020			<0.002	0.0014 (J)	
3/16/2020	<0.002	<0.002			0.00077 (J)
9/9/2020	<0.002				
9/11/2020		<0.002			<0.002
9/14/2020			<0.002	<0.002	
3/16/2021			<0.002	0.001 (J)	<0.002
3/17/2021	<0.002	<0.002			
8/18/2021		<0.002			
8/19/2021	<0.002		<0.002		
8/20/2021				0.0013 (J)	

Time Series

Constituent: Copper (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/25/2021					<0.002

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.4375	2.2163		
3/23/2016	0.019 (J)	0.0276 (J)				0.0713 (J)
3/31/2016					0.0551 (J)	
5/19/2016				2.35		0.078 (J)
5/20/2016	0.02 (J)					
5/23/2016			1.62			
5/24/2016		0.023 (J)				
5/25/2016					0.0485 (J)	
7/21/2016	<0.1			3.2		<0.1
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			
9/16/2016		<0.1				
11/9/2016			1.7			
11/10/2016		<0.1				<0.1
11/11/2016	<0.1					
1/17/2017			1.6	2.6		<0.1
1/19/2017	<0.1	<0.1				
3/16/2017	<0.1		1.7			<0.1
3/17/2017		<0.1				
4/27/2017			1.4	2.5		<0.1
4/28/2017	<0.1	<0.1				
7/18/2017				2.2		
8/1/2017				2.5		
10/3/2017		<0.1	1.7	2.3	<0.1	<0.1
10/4/2017	<0.1					
1/19/2018	<0.1	<0.1	1.4	2.1		
1/22/2018						<0.1
6/19/2018	<0.1	<0.1	1.6	2.3		0.084 (J)
6/20/2018					<0.1	
9/25/2018	<0.1	<0.1	1.7	2.3		<0.1
1/17/2019	<0.1	<0.1				0.06 (J)
1/18/2019				2	0.028 (J)	
1/21/2019			1.6			
6/24/2019	0.031 (J)	0.032 (J)				0.08 (J)
6/25/2019			1.9	0.034 (J)	0.03 (J)	
9/9/2019	<0.1					
9/10/2019		<0.1	1.8	2.6		0.091 (J)
9/11/2019					0.033 (J)	
3/10/2020	<0.1	<0.1	2	1.7	0.035 (J)	0.056 (J)
9/9/2020	<0.1		1.8	1.9	0.032 (J)	0.06 (J)
9/10/2020		<0.1				
3/15/2021	0.036 (J)	<0.1	1.3	1.7	0.027 (J)	0.046 (J)
8/16/2021	<0.1		1.6			
8/18/2021		<0.1		2	0.035 (J)	0.079 (J)

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		0.1377 (J)	0.1936 (J)	0.1084 (J)		
3/30/2016	1.2013				0.0355 (J)	0.0785 (J)
5/25/2016	1.34	0.1521 (J)	0.1797 (J)	0.1002 (J)	0.0265 (J)	0.0757 (J)
7/22/2016			0.22			
7/25/2016		0.21				
7/26/2016				0.12 (J)	0.1 (J)	0.11 (J)
7/27/2016	1.5					
9/15/2016			0.18 (J)	0.1 (J)	<0.1	
9/16/2016	1.3					
9/19/2016		0.15 (J)				
9/20/2016						<0.1
11/16/2016		0.14 (J)	0.16 (J)			
11/17/2016	0.76			0.092 (J)	<0.1	<0.1
1/31/2017		<0.1	0.19 (J)	0.11 (J)		
2/1/2017	1.3				<0.1	0.086 (J)
3/23/2017		0.097 (J)	0.17 (J)	0.088 (J)	<0.1	<0.1
3/24/2017	1.3					
5/2/2017		0.11 (J)				
5/3/2017	1.1		0.19 (J)	0.098 (J)	<0.1	<0.1
10/4/2017	1.2	0.16 (J)	0.2		<0.1	<0.1
10/5/2017				0.1 (J)		
1/24/2018		0.11 (J)	0.16 (J)			
1/25/2018	0.75			0.1 (J)	<0.1	<0.1
6/20/2018		0.13 (J)		0.11 (J)	<0.1	0.093 (J)
6/21/2018	0.76					
6/26/2018			0.18 (J)			
9/27/2018	0.59	0.12 (J)				
9/28/2018			0.2			
10/1/2018					0.083 (J)	0.1 (J)
10/2/2018				0.13 (J)		
1/22/2019				0.1 (J)	0.057 (J)	0.071 (J)
1/24/2019		0.076 (J)				
1/25/2019			0.21			
1/31/2019	0.78					
6/25/2019				0.084 (J)	0.054 (J)	0.068 (J)
6/26/2019	0.68	0.096 (J)	0.16 (J)			
9/11/2019			0.17			
9/12/2019				0.065 (J)	<0.1	
9/16/2019		0.12 (J)				
9/17/2019	0.29					0.071 (J)
3/12/2020				0.044 (J)		
3/16/2020		0.051 (J)				0.07 (J)
3/17/2020	0.74				0.046 (J)	
3/18/2020			0.058 (J)			
9/10/2020	0.81	0.14	0.16	0.1	0.038 (J)	0.08 (J)
3/16/2021			0.14			
3/17/2021		0.08 (J)		0.1	0.036 (J)	
3/18/2021	1.1					0.073 (J)
8/19/2021			0.26			
8/20/2021	0.89					
8/23/2021		0.21		0.12	0.068 (J)	
8/24/2021						0.13

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	0.0391 (J)	0.0422 (J)	0.0362 (J)	0.0369 (J)	0.04 (J)	0.0137 (J)
5/25/2016	0.034 (J)	0.045 (J)				
5/26/2016			0.038 (J)	0.031 (J)	0.041 (J)	0.014 (J)
7/25/2016			<0.1	<0.1	<0.1	
7/26/2016						<0.1
7/27/2016	<0.1	<0.1				
9/16/2016	<0.1					
9/19/2016		<0.1	<0.1	<0.1		
9/20/2016					<0.1	<0.1
11/17/2016	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2/1/2017	<0.1	<0.1	<0.1			
2/2/2017				<0.1	<0.1	<0.1
3/24/2017	<0.1	<0.1	<0.1	<0.1		
3/28/2017					<0.1	<0.1
5/3/2017	<0.1	<0.1	<0.1	<0.1		
5/4/2017					<0.1	<0.1
10/4/2017		<0.1				
10/5/2017	<0.1		<0.1	<0.1		
10/6/2017					<0.1	<0.1
1/25/2018	<0.1	<0.1	<0.1	<0.1		
1/26/2018					<0.1	<0.1
6/20/2018	<0.1					<0.1
6/21/2018			<0.1	<0.1	<0.1	
6/26/2018		<0.1				
9/27/2018				<0.1	<0.1	<0.1
9/28/2018			<0.1			
10/1/2018	<0.1					
10/2/2018		<0.1				
1/24/2019		<0.1				<0.1
1/25/2019	0.027 (J)					
1/28/2019			<0.1	<0.1	<0.1	
6/25/2019	0.052 (J)	0.051 (J)			0.049 (J)	0.032 (J)
6/26/2019				0.046 (J)		
6/27/2019			0.046 (J)			
9/11/2019	0.038 (J)	0.043 (J)	0.036 (J)		0.039 (J)	<0.1
9/12/2019				0.031 (J)		
3/17/2020	<0.1	<0.1	<0.1			
3/18/2020				0.068 (J)	0.048 (J)	0.034 (J)
9/11/2020	0.04 (J)					
9/14/2020		0.056 (J)	0.033 (J)			
9/15/2020				<0.1	0.033 (J)	<0.1
3/16/2021		0.034 (J)	0.029 (J)		0.031 (J)	<0.1
3/17/2021	0.031 (J)			<0.1		
8/19/2021						0.48 (J)
8/20/2021	0.065 (J)	0.091 (J)				
8/24/2021			0.083 (J)	0.078 (J)	0.077 (J)	

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						0.4759
3/24/2016					0.0318 (J)	
3/28/2016				0.0542 (J)		
3/29/2016		0.0308 (J)				
3/30/2016			0.0255 (J)			
3/31/2016	0.0429 (J)					
5/24/2016						0.198 (J)
5/25/2016		0.0285 (J)	0.0182 (J)		0.0282 (J)	
5/26/2016	0.048 (J)			0.034 (J)		
7/26/2016	<0.1				<0.1	1.2
7/27/2016		<0.1	<0.1	<0.1		
9/16/2016			<0.1			
9/19/2016				<0.1	<0.1	0.64
9/20/2016	<0.1	<0.1				
11/11/2016						1.2
11/14/2016					<0.1	
11/15/2016				<0.1		
11/17/2016	<0.1					
11/18/2016		<0.1	<0.1			
1/19/2017					<0.1	
1/20/2017						0.83
1/24/2017				<0.1		
2/3/2017	<0.1	<0.1	<0.1			
3/16/2017					<0.1	0.32
3/23/2017				<0.1		
3/28/2017	<0.1	<0.1				
3/29/2017			<0.1			
4/28/2017						0.83
5/1/2017					<0.1	
5/2/2017				<0.1		
5/3/2017	<0.1					
5/4/2017		<0.1	<0.1			
10/3/2017						0.18 (J)
10/4/2017					<0.1	
10/5/2017	<0.1	<0.1	<0.1	<0.1		
1/19/2018						0.6
1/22/2018					<0.1	
1/25/2018	<0.1	<0.1	<0.1	<0.1		
6/20/2018	<0.1	<0.1				
6/27/2018			<0.1	<0.1	<0.1	0.73
9/26/2018				<0.1		
9/27/2018					<0.1	0.91
9/28/2018			<0.1			
10/1/2018	<0.1	<0.1				
1/24/2019	<0.1			<0.1	<0.1	0.039 (J)
1/25/2019		<0.1				
1/31/2019			<0.1			
6/25/2019	0.052 (J)			0.033 (J)	0.047 (J)	
6/26/2019		0.042 (J)	0.04 (J)			0.85
9/10/2019	<0.1					
9/11/2019			<0.1	0.039 (J)		
9/12/2019		0.033 (J)			<0.1	0.18

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			<0.1	0.032 (J)		0.044 (J)
3/13/2020					0.026 (J)	
3/18/2020	0.056 (J)	0.034 (J)				
9/9/2020						0.8
9/10/2020	0.043 (J)	0.029 (J)				
9/14/2020				0.031 (J)		
9/15/2020			<0.1		<0.1	
3/15/2021	0.045 (J)					
3/17/2021				0.03 (J)	<0.1	
3/18/2021		<0.1	<0.1			0.72
8/19/2021	0.031 (J)		0.089 (J)	0.11	0.1	
8/23/2021		0.051 (J)				0.27

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	0.0999 (J)		2.1209	2.8158		
3/24/2016					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			2.71			
5/25/2016		1.65				
7/21/2016	0.11 (J)				0.19 (J)	<0.1
7/22/2016			3.5			
9/15/2016					0.16 (J)	<0.1
9/16/2016			3.5			
9/20/2016	0.092 (J)					
11/14/2016	<0.1					
11/15/2016			3.2		0.14 (J)	<0.1
11/17/2016				4.1		
1/24/2017	0.094 (J)					
1/25/2017		1.4		5.6	0.16 (J)	
1/26/2017			3.9			<0.1
3/17/2017	0.084 (J)					
3/22/2017					0.14 (J)	<0.1
3/23/2017				3.1		
3/24/2017			3.2			
5/1/2017	0.092 (J)			4.2	0.16 (J)	
5/2/2017			3.5			<0.1
7/19/2017		1.6		3.4		
8/4/2017				4		
8/24/2017				4.2		
10/3/2017					0.17 (J)	<0.1
10/4/2017	0.091 (J)					
10/5/2017				3.9		
10/6/2017		1.6	3.5			
1/23/2018		1.5	3.1	3.4	0.13 (J)	<0.1
1/24/2018	<0.1					
6/19/2018						<0.1
6/20/2018					0.18 (J)	
6/21/2018	<0.1					
6/26/2018			2.6	2.1		
6/27/2018		1.6				
10/1/2018						<0.1
10/2/2018			2.4	2.1	0.18 (J)	
10/3/2018	0.13 (J)	1.7				
1/21/2019						0.031 (J)
1/28/2019					0.19 (J)	
1/30/2019	0.1 (J)		2.3	2.3		
1/31/2019		1.3				
6/26/2019		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			2.8	2.4		0.038 (J)
3/11/2020	0.066 (J)				0.18 (J)	0.035 (J)
3/12/2020				2.1		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		1.2				
3/18/2020			2.8			
9/10/2020	0.081 (J)					
9/11/2020		1.5			0.15	0.034 (J)
9/15/2020			2.2			
9/16/2020				1.4		
3/16/2021		1.3			0.13	0.03 (J)
3/17/2021			2.3			
3/18/2021	0.072 (J)			2.1		
8/18/2021						0.11
8/23/2021	0.12					
8/24/2021			2.1	1.1	0.22	
8/25/2021		1.5				

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	0.1116 (J)	0.0752 (J)			
3/29/2016			0.2179 (J)	0.0698 (J)	0.0671 (J)
5/23/2016	0.1022 (J)				
5/24/2016		0.081 (J)	0.216 (J)	0.072 (J)	0.06 (J)
7/21/2016	0.11 (J)	0.088 (J)			
7/22/2016			0.23		
7/25/2016					0.096 (J)
7/26/2016				0.092 (J)	
9/15/2016	0.084 (J)	0.084 (J)	0.22		
9/19/2016				<0.1	<0.1
11/15/2016	<0.1				
11/16/2016		<0.1	0.22	<0.1	<0.1
1/26/2017	<0.1	<0.1	0.23	<0.1	
1/31/2017					<0.1
3/22/2017	<0.1	<0.1	0.2		
3/23/2017				<0.1	0.12 (J)
5/2/2017	0.1 (J)	<0.1	0.21		<0.1
5/3/2017				<0.1	
10/3/2017	0.089 (J)	<0.1	0.23		<0.1
10/5/2017				0.085 (J)	
1/23/2018	0.085 (J)	<0.1	0.17 (J)		
1/24/2018				<0.1	<0.1
6/21/2018				<0.1	<0.1
6/25/2018	0.097 (J)	<0.1	0.25		
9/25/2018		<0.1			
9/26/2018				<0.1	0.082 (J)
10/2/2018			0.25		
10/3/2018	0.13 (J)				
1/21/2019			0.22		
1/22/2019				0.062 (J)	0.065 (J)
1/30/2019	0.11 (J)	0.078 (J)			
6/25/2019			0.21	0.055 (J)	0.066 (J)
6/26/2019	0.081 (J)	0.059 (J)			
9/10/2019			0.28	0.1 (J)	
9/12/2019	0.078 (J)	0.076 (J)			
9/16/2019					0.062 (J)
3/12/2020			0.16	0.043 (J)	
3/16/2020	0.076 (J)	0.073 (J)			0.08 (J)
9/9/2020	0.096 (J)				
9/11/2020		0.079 (J)			0.082 (J)
9/14/2020			0.19	0.062 (J)	
3/16/2021			0.21	0.044 (J)	0.043 (J)
3/17/2021	0.094 (J)	0.073 (J)			
8/18/2021		0.14			
8/19/2021	0.19		0.35		
8/20/2021				0.1	
8/25/2021					0.1

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<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		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		<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			
9/16/2016		<0.001				
11/9/2016			<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.001				<0.001
11/11/2016	<0.001					
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
3/16/2017	<0.001		<0.001			<0.001
3/17/2017		<0.001				
4/27/2017			<0.001	<0.001		<0.001
4/28/2017	<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					
10/3/2017					<0.001	
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	<0.001		<0.001
6/20/2018					<0.001	
1/17/2019	<0.001	<0.001				<0.001
1/18/2019				<0.001	0.00011 (J)	
1/21/2019			<0.001			
6/24/2019	<0.001	<0.001				<0.001
6/25/2019			<0.001	0.00029 (J)	<0.001	
9/9/2019	<0.001					
9/10/2019		0.00014 (J)	<0.001	0.00028 (J)		<0.001
9/11/2019					0.00017 (J)	
3/10/2020	<0.001	<0.001	<0.001	<0.001	0.002	<0.001
9/9/2020	<0.001		0.00024 (J)	0.00013 (J)	0.00014 (J)	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.00013 (J)	<0.001	<0.001
8/16/2021	<0.001		<0.001			
8/18/2021		<0.001		0.00021 (J)	<0.001	0.00031 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					<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			
1/27/2016				<0.001	<0.001	<0.001
3/29/2016		<0.001	<0.001	<0.001		
3/30/2016	<0.001				<0.001	<0.001
5/25/2016	<0.001	<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	<0.001	<0.001
7/27/2016	0.0013					
9/15/2016			<0.001	<0.001	<0.001	
9/16/2016	<0.001					
9/19/2016		<0.001				
9/20/2016						<0.001
11/16/2016		<0.001	<0.001			
11/17/2016	<0.001			<0.001	<0.001	<0.001
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	<0.001				<0.001	<0.001
3/23/2017		<0.001	<0.001	<0.001	<0.001	<0.001
3/24/2017	<0.001					
5/2/2017		<0.001				
5/3/2017	<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	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	<0.001			<0.001	<0.001	<0.001
6/20/2018		<0.001		<0.001	<0.001	<0.001
6/21/2018	<0.001					

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.001			
1/22/2019				<0.001	<0.001	<0.001
1/24/2019		<0.001				
1/25/2019			<0.001			
1/31/2019	0.00013 (J)					
6/25/2019				<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001	<0.001			
9/11/2019			<0.001			
9/12/2019				<0.001	<0.001	
9/16/2019		<0.001				
9/17/2019	0.00014 (J)					<0.001
3/12/2020				<0.001		
3/16/2020		0.00037 (J)				0.00014 (J)
3/17/2020	0.00015 (J)				<0.001	
3/18/2020			0.0002 (J)			
9/10/2020	0.0022	0.00023 (J)	<0.001	<0.001	<0.001	<0.001
12/2/2020	<0.001					
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	<0.001	
3/18/2021	0.00013 (J)					<0.001
8/19/2021			<0.001			
8/20/2021	<0.001					
8/23/2021		<0.001		<0.001	<0.001	
8/24/2021						<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		0.0026 (JO)	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<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	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	0.0009 (J)	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	0.0013		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	0.011 (O)	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			0.00016 (J)	0.00011 (J)	0.00014 (J)	
6/25/2019	<0.001	<0.001			<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00017 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00014 (J)	0.00019 (J)
3/17/2021	<0.001			0.00017 (J)		
8/19/2021						0.00018 (J)
8/20/2021	<0.001	<0.001				
8/24/2021			<0.001	0.00019 (J)	<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	<0.001
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	<0.001
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.001					
11/18/2016		<0.001	<0.001			
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				<0.001		
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	<0.001
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						<0.001
5/1/2017					<0.001	
5/2/2017				0.0021 (O)		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	<0.001			0.00021 (J)	9.8E-05 (J)	9.8E-05 (J)
1/25/2019		<0.001				
1/31/2019			0.00013 (J)			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	0.00016 (J)			<0.001
9/10/2019	<0.001					
9/11/2019			0.00015 (J)	0.00024 (J)		
9/12/2019		<0.001			<0.001	0.00016 (J)
3/12/2020			0.00013 (J)	0.00018 (J)		<0.001
3/13/2020					0.00013 (J)	
3/18/2020	0.00067 (J)	0.00022 (J)				
9/9/2020						0.00023 (J)
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.00025 (J)					
3/17/2021				0.00013 (J)	<0.001	
3/18/2021		0.00029 (J)	0.00022 (J)			<0.001
8/19/2021	<0.001		0.0015	0.00028 (J)	0.0015	
8/23/2021		0.00033 (J)				0.00027 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.0012 (J)	<0.001	<0.001	<0.001	<0.001
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	<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				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	<0.001		
7/27/2016		0.00078 (J)				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	<0.001		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				<0.001		
1/24/2017	<0.001					
1/25/2017		0.00042 (J)		<0.001	<0.001	
1/26/2017			<0.001			<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.001					
3/22/2017					<0.001	<0.001
3/23/2017		<0.001		<0.001		
3/24/2017			<0.001			
5/1/2017	<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
8/4/2017	<0.001	0.00037 (J)		<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				
1/21/2019						<0.001
1/28/2019					0.00022 (J)	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		0.00015 (J)				
6/26/2019		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	0.00031 (J)		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				0.00015 (J)		
3/17/2020		0.00051 (J)				
3/18/2020			<0.001			
9/10/2020	0.00016 (J)					
9/11/2020		0.00026 (J)			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		0.00046 (J)			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		
8/18/2021						<0.001
8/23/2021	<0.001					
8/24/2021			<0.001	0.00027 (J)	<0.001	
8/25/2021		0.00031 (J)				

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	<0.001			
1/26/2016			<0.001	<0.001	<0.001
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			<0.001		
7/25/2016					<0.001
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	<0.001
11/15/2016	<0.001				
11/16/2016		<0.001	<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					<0.001
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	<0.001
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				<0.001	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				0.00036 (J)	<0.001
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	0.00014 (J)	<0.001			
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	<0.001			
9/16/2019					<0.001
3/12/2020			<0.001	0.00028 (J)	
3/16/2020	<0.001	<0.001			0.00025 (J)
9/9/2020	<0.001				
9/11/2020		<0.001			<0.001
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			
8/18/2021		<0.001			
8/19/2021	<0.001		<0.001		
8/20/2021				0.00031 (J)	
8/25/2021					<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.0002	<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
10/28/2011			<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			
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					
7/23/2012		<0.0002				<0.0002
1/23/2013		<0.0002				<0.0002
1/24/2013	<0.0002		<0.0002	<0.0002		
7/17/2013	<0.0002					<0.0002
7/23/2013			<0.0002			
7/24/2013		<0.0002		<0.0002		
1/15/2014						<0.0002
1/21/2014	<0.0002					
1/22/2014		<0.0002	<0.0002	<0.0002		
6/25/2014	<0.0002				<0.0002	<0.0002
7/1/2014		<0.0002	<0.0002			
7/8/2014				<0.0002 (D)		
1/14/2015	<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		
1/19/2016				<0.0002 (D)		
1/20/2016		<0.0002				<0.0002
1/21/2016	<0.0002					
1/22/2016			<0.0002			
3/22/2016			<0.0002	<0.0002		
3/23/2016	<0.0002	<0.0002				<0.0002
3/31/2016					<0.0002	
5/19/2016				<0.0002		<0.0002
5/20/2016	<0.0002					
5/23/2016			<0.0002			
5/24/2016		<0.0002				
5/25/2016					<0.0002	
7/21/2016	9.7E-05 (J)			<0.0002		8.7E-05 (J)
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			
9/16/2016		<0.0002				
11/9/2016			<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.0002				<0.0002
11/11/2016	<0.0002					
1/17/2017			<0.0002	<0.0002		<0.0002
1/19/2017	<0.0002	<0.0002				
3/16/2017	0.00015 (J)		0.00016 (J)			0.00016 (J)
3/17/2017		0.00015 (J)				
4/27/2017			<0.0002	<0.0002		<0.0002
4/28/2017	<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					
10/3/2017					<0.0002	
1/19/2018	<0.0002	<0.0002	<0.0002	<0.0002		
1/22/2018						<0.0002
6/19/2018	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/20/2018					<0.0002	
1/17/2019	<0.0002	<0.0002				<0.0002
1/18/2019				<0.0002	<0.0002	
1/21/2019			<0.0002			
6/24/2019	<0.0002	<0.0002				<0.0002
6/25/2019			<0.0002	<0.0002	<0.0002	
9/9/2019	<0.0002					
9/10/2019		<0.0002	<0.0002	0.00021		<0.0002
9/11/2019					<0.0002	
3/10/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020		<0.0002				
3/15/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/16/2021	<0.0002		<0.0002			
8/18/2021		<0.0002		<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.0002	<0.0002	<0.0002	<0.0002	
9/16/2011						<0.0002
10/27/2011					<0.0002	<0.0002
10/28/2011		<0.0002	<0.0002	<0.0002		
12/3/2011					<0.0002	<0.0002
12/4/2011		<0.0002	<0.0002	<0.0002		
1/24/2012			<0.0002	<0.0002	<0.0002	
2/9/2012		<0.0002				<0.0002
7/11/2012			<0.0002	<0.0002	<0.0002	<0.0002
7/18/2012		<0.0002				
1/8/2013		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/2/2013						<0.0002
7/9/2013		<0.0002				
7/10/2013			<0.0002	<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
6/25/2014		<0.0002				
7/1/2014			<0.0002	<0.0002	<0.0002	
1/14/2015					<0.0002	<0.0002
1/21/2015		<0.0002	<0.0002	<0.0002		
7/22/2015					3.99E-05 (J)	<0.0002
7/28/2015		<0.0002	<0.0002	<0.0002		
1/25/2016	<0.0002					
1/26/2016		<0.0002	<0.0002			
1/27/2016				<0.0002	<0.0002	<0.0002
3/29/2016		<0.0002	<0.0002	<0.0002		
3/30/2016	<0.0002				<0.0002	<0.0002
5/25/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/22/2016			<0.0002			
7/25/2016		9.6E-05 (J)				
7/26/2016				0.00012 (J)	0.00012 (J)	0.00012 (J)
7/27/2016	9.4E-05 (J)					
9/15/2016			<0.0002	<0.0002	<0.0002	
9/16/2016	<0.0002					
9/19/2016		<0.0002				
9/20/2016						<0.0002
11/16/2016		<0.0002	<0.0002			
11/17/2016	<0.0002			<0.0002	8.7E-05 (J)	<0.0002
1/31/2017		7.1E-05 (J)	0.00013 (J)	9.6E-05 (J)		
2/1/2017	0.00011 (J)				9.2E-05 (J)	0.00013 (J)
3/23/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/24/2017	<0.0002					
5/2/2017		<0.0002				
5/3/2017	<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	
8/8/2017	<0.0002					
1/24/2018		<0.0002	<0.0002			
1/25/2018	<0.0002			<0.0002	<0.0002	<0.0002
6/20/2018		<0.0002		<0.0002	8.5E-05 (J)	<0.0002
6/21/2018	<0.0002					

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/26/2018			<0.0002			
1/22/2019				<0.0002	<0.0002	<0.0002
1/24/2019		<0.0002				
1/25/2019			<0.0002			
1/31/2019	<0.0002					
6/25/2019				<0.0002	<0.0002	<0.0002
6/26/2019	<0.0002	<0.0002	<0.0002			
9/11/2019			<0.0002			
9/12/2019				<0.0002	<0.0002	
9/16/2019		<0.0002				
9/17/2019	<0.0002					<0.0002
3/12/2020				<0.0002		
3/16/2020		<0.0002				<0.0002
3/17/2020	<0.0002				<0.0002	
3/18/2020			<0.0002			
9/10/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/16/2021			<0.0002			
3/17/2021		<0.0002		<0.0002	<0.0002	
3/18/2021	<0.0002					<0.0002
8/19/2021			<0.0002			
8/20/2021	<0.0002					
8/23/2021		<0.0002		<0.0002	<0.0002	
8/24/2021						<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.0002	<0.0002	<0.0002	<0.0002		
8/31/2011					<0.0002	<0.0002
10/26/2011	<0.0002	<0.0002	<0.0002	<0.0002		
10/27/2011					<0.0002	<0.0002
12/3/2011	<0.0002	<0.0002	<0.0002	<0.0002		
12/4/2011					<0.0002	<0.0002
1/25/2012	<0.0002	<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	<0.0002	
7/17/2012						<0.0002
1/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
1/9/2013						<0.0002
7/2/2013	<0.0002					
7/16/2013		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
1/14/2014	<0.0002	<0.0002	<0.0002			
1/21/2014				<0.0002	<0.0002	<0.0002
6/24/2014			<0.0002	<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002	<0.0002				
1/13/2015	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
1/14/2015		<0.0002				
7/22/2015	<0.0002					
7/23/2015			<0.0002	<0.0002	<0.0002	<0.0002
7/28/2015		<0.0002				
1/26/2016						<0.0002
1/27/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/30/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/25/2016	<0.0002	<0.0002				
5/26/2016			<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)
7/27/2016	8.9E-05 (J)	9.7E-05 (J)				
9/16/2016	<0.0002					
9/19/2016		<0.0002	<0.0002	<0.0002		
9/20/2016					<0.0002	7.2E-05 (J)
11/17/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	8.4E-05 (J)
2/1/2017	0.00015 (J)	0.0002	9.8E-05 (J)			
2/2/2017				0.00011 (J)	8.6E-05 (J)	0.00011 (J)
3/24/2017	<0.0002	<0.0002	<0.0002	<0.0002		
3/28/2017					<0.0002	<0.0002
5/3/2017	<0.0002	<0.0002	<0.0002	<0.0002		
5/4/2017					<0.0002	<0.0002
8/7/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
1/25/2018	<0.0002	<0.0002	<0.0002	<0.0002		
1/26/2018					<0.0002	<0.0002
6/20/2018	<0.0002					<0.0002
6/21/2018			<0.0002	<0.0002	<0.0002	
6/26/2018		<0.0002				
1/24/2019		<0.0002				<0.0002
1/25/2019	<0.0002					
1/28/2019			<0.0002	<0.0002	<0.0002	
6/25/2019	<0.0002	<0.0002			<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.0002		
6/27/2019			<0.0002			
9/11/2019	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019				<0.0002		
3/17/2020	<0.0002	<0.0002	<0.0002			
3/18/2020				<0.0002	<0.0002	<0.0002
9/11/2020	<0.0002					
9/14/2020		<0.0002	<0.0002			
9/15/2020				<0.0002	<0.0002	<0.0002
3/16/2021		<0.0002	<0.0002		<0.0002	<0.0002
3/17/2021	<0.0002			<0.0002		
8/19/2021						<0.0002
8/20/2021	<0.0002	<0.0002				
8/24/2021			<0.0002	<0.0002	<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.0002					
9/16/2011		<0.0002				
9/17/2011				<0.0002	<0.0002	<0.0002
10/29/2011	<0.0002	<0.0002			<0.0002	<0.0002
10/31/2011				<0.0002		
12/13/2011	<0.0002	<0.0002				
12/14/2011				<0.0002	<0.0002	<0.0002
1/25/2012	<0.0002					<0.0002
1/31/2012		<0.0002				
2/7/2012				<0.0002	<0.0002	
7/17/2012				<0.0002	<0.0002	<0.0002
7/18/2012	<0.0002	<0.0002				
1/22/2013	<0.0002	<0.0002				
1/24/2013					<0.0002	<0.0002
7/16/2013	<0.0002					
7/23/2013		<0.0002				
7/24/2013				<0.0002	<0.0002	<0.0002
1/21/2014	<0.0002					
1/22/2014		<0.0002				
1/23/2014				<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002					
7/1/2014		<0.0002				
7/8/2014			<0.0002	<0.0002	<0.0002	<0.0002
1/14/2015	<0.0002					
1/21/2015				<0.0002	<0.0002	<0.0002
1/22/2015		<0.0002				
7/23/2015	<0.0002					
7/29/2015		<0.0002				
7/30/2015				<0.0002		<0.0002
7/31/2015			<0.0002		<0.0002	
1/20/2016			<0.0002			
1/21/2016		<0.0002		<0.0002		
1/22/2016						<0.0002
1/25/2016					<0.0002	
1/26/2016	<0.0002					
3/23/2016						<0.0002
3/24/2016					<0.0002	
3/28/2016				<0.0002		
3/29/2016		<0.0002				
3/30/2016			<0.0002			
3/31/2016	<0.0002					
5/24/2016						<0.0002
5/25/2016		<0.0002	<0.0002	<0.0002	<0.0002	
5/26/2016	<0.0002					
7/26/2016	0.00012 (J)				0.00012 (J)	0.00012 (J)
7/27/2016		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
9/20/2016	0.00013 (J)	<0.0002				
11/11/2016						<0.0002
11/14/2016					<0.0002	
11/15/2016				<0.0002		

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.0002					
11/18/2016		<0.0002	<0.0002			
1/19/2017					<0.0002	
1/20/2017						<0.0002
1/24/2017				<0.0002		
2/3/2017	<0.0002	<0.0002	<0.0002			
3/16/2017					0.00014 (J)	0.00015 (J)
3/23/2017				<0.0002		
3/28/2017	<0.0002	<0.0002				
3/29/2017			<0.0002			
4/28/2017						<0.0002
5/1/2017					<0.0002	
5/2/2017				<0.0002		
5/3/2017	<0.0002					
5/4/2017		<0.0002	<0.0002			
8/3/2017				<0.0002	<0.0002	<0.0002
8/8/2017	<0.0002	<0.0002	<0.0002			
1/19/2018						<0.0002
1/22/2018					<0.0002	
1/25/2018	<0.0002	<0.0002	<0.0002	<0.0002		
6/20/2018	<0.0002	<0.0002				
6/27/2018			<0.0002	<0.0002	<0.0002	<0.0002
1/24/2019	<0.0002			<0.0002	<0.0002	<0.0002
1/25/2019		<0.0002				
1/31/2019			<0.0002			
6/25/2019	<0.0002			<0.0002	<0.0002	
6/26/2019		<0.0002	<0.0002			<0.0002
9/10/2019	<0.0002					
9/11/2019			<0.0002	<0.0002		
9/12/2019		<0.0002			<0.0002	<0.0002
3/12/2020			<0.0002	<0.0002		<0.0002
3/13/2020					<0.0002	
3/18/2020	<0.0002	<0.0002				
9/9/2020						<0.0002
9/10/2020	<0.0002	<0.0002				
9/14/2020				<0.0002		
9/15/2020			<0.0002		<0.0002	
3/15/2021	<0.0002					
3/17/2021				<0.0002	<0.0002	
3/18/2021		<0.0002	<0.0002			<0.0002
8/19/2021	<0.0002		<0.0002	<0.0002	<0.0002	
8/23/2021		<0.0002				<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.0002	<0.0002	<0.0002	<0.0002
2/7/2012		<0.0002				
2/8/2012	<0.0002					
7/16/2012					<0.0002	<0.0002
7/17/2012			<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					
7/2/2013						<0.0002
7/17/2013				<0.0002	<0.0002	
7/24/2013	<0.0002		<0.0002			
1/21/2014						<0.0002
1/23/2014	<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			
1/14/2015					<0.0002	<0.0002
1/20/2015	<0.0002		<0.0002	<0.0002		
1/21/2015		<0.0002				
7/28/2015						<0.0002
7/29/2015				<0.0002	<0.0002	
7/30/2015	<0.0002		<0.0002			
1/19/2016	<0.0002					
1/21/2016					<0.0002	<0.0002
1/25/2016		<0.0002	<0.0002	<0.0002		
3/23/2016	<0.0002		<0.0002	<0.0002		
3/24/2016					<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		
5/25/2016		<0.0002				
7/21/2016	8.6E-05 (J)				8.4E-05 (J)	<0.0002
7/22/2016			<0.0002	<0.0002		
7/27/2016		0.0001 (J)				
9/15/2016					<0.0002	<0.0002
9/16/2016			<0.0002	<0.0002		
9/20/2016	<0.0002					
11/14/2016	<0.0002					
11/15/2016			<0.0002		<0.0002	9.6E-05 (J)
11/17/2016				<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

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
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			
5/1/2017	<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
8/4/2017	<0.0002	<0.0002		<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				
1/21/2019						<0.0002
1/28/2019					<0.0002	
1/30/2019	<0.0002		<0.0002	<0.0002		
1/31/2019		<0.0002				
6/26/2019		<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
3/11/2020	<0.0002				<0.0002	<0.0002
3/12/2020				<0.0002		
3/17/2020		<0.0002				
3/18/2020			<0.0002			
9/10/2020	<0.0002					
9/11/2020		<0.0002			<0.0002	<0.0002
9/15/2020			<0.0002			
9/16/2020				<0.0002		
3/16/2021		<0.0002			<0.0002	<0.0002
3/17/2021			<0.0002			
3/18/2021	<0.0002			<0.0002		
8/18/2021						<0.0002
8/23/2021	<0.0002					
8/24/2021			<0.0002	<0.0002	<0.0002	
8/25/2021		0.00016 (J)				

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.0002	<0.0002			
9/7/2011			<0.0002	<0.0002	<0.0002
10/27/2011	<0.0002				
10/30/2011		<0.0002	<0.0002	<0.0002	<0.0002
12/4/2011					<0.0002
12/5/2011	<0.0002	<0.0002	<0.0002	<0.0002	
1/19/2012				<0.0002	<0.0002
1/25/2012	<0.0002	<0.0002	<0.0002		
7/18/2012	<0.0002		<0.0002	<0.0002	<0.0002
7/24/2012		<0.0002			
1/7/2013			<0.0002	<0.0002	
1/8/2013		<0.0002			<0.0002
1/9/2013	<0.0002				
7/9/2013		<0.0002	<0.0002	<0.0002	<0.0002
7/17/2013	<0.0002				
1/14/2014			<0.0002	0.000153 (J)	<0.0002
1/15/2014	<0.0002	<0.0002			
6/24/2014			<0.0002	<0.0002	<0.0002
6/25/2014	<0.0002	<0.0002			
1/13/2015	<0.0002				
1/20/2015		<0.0002	<0.0002	<0.0002	<0.0002
7/24/2015	<0.0002	<0.0002			
7/27/2015			<0.0002	<0.0002	<0.0002
1/20/2016	<0.0002	<0.0002			
1/26/2016			<0.0002	<0.0002	<0.0002
3/28/2016	<0.0002	<0.0002			
3/29/2016			<0.0002	<0.0002	<0.0002
5/23/2016	<0.0002				
5/24/2016		<0.0002	<0.0002	<0.0002	<0.0002
7/21/2016	7.6E-05 (J)	9.1E-05 (J)			
7/22/2016			<0.0002		
7/25/2016					0.00012 (J)
7/26/2016				0.00012 (J)	
9/15/2016	<0.0002	<0.0002	<0.0002		
9/19/2016				<0.0002	<0.0002
11/15/2016	<0.0002				
11/16/2016		<0.0002	<0.0002	<0.0002	<0.0002
1/26/2017	<0.0002	<0.0002	8.8E-05 (J)	<0.0002	
1/31/2017					8.6E-05 (J)
3/22/2017	<0.0002	7.3E-05 (J)	<0.0002		
3/23/2017				7.2E-05 (J)	<0.0002
5/2/2017	<0.0002	<0.0002	<0.0002		<0.0002
5/3/2017				<0.0002	
8/3/2017	<0.0002	<0.0002			
8/4/2017			<0.0002		
8/7/2017				<0.0002	<0.0002
1/23/2018	<0.0002	<0.0002	<0.0002		
1/24/2018				<0.0002	<0.0002
6/21/2018				<0.0002	<0.0002
6/25/2018	<0.0002	<0.0002	<0.0002		
1/21/2019			<0.0002		
1/22/2019				<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.0002	<0.0002			
6/25/2019			<0.0002	<0.0002	<0.0002
6/26/2019	<0.0002	<0.0002			
9/10/2019			<0.0002	0.0004	
9/12/2019	<0.0002	<0.0002			
9/16/2019					<0.0002
1/13/2020				<0.0002	
3/12/2020			<0.0002	<0.0002	
3/16/2020	<0.0002	<0.0002			<0.0002
9/9/2020	<0.0002				
9/11/2020		<0.0002			<0.0002
9/14/2020			<0.0002	<0.0002	
3/16/2021			<0.0002	<0.0002	<0.0002
3/17/2021	<0.0002	<0.0002			
8/18/2021		<0.0002			
8/19/2021	<0.0002		<0.0002		
8/20/2021				<0.0002	
8/25/2021					0.00014 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<0.001
9/16/2011	<0.001		<0.001			
9/17/2011		<0.001		0.0053		
10/27/2011	<0.001	<0.001				<0.001
10/28/2011			<0.001	0.0042		
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			0.0043		
2/1/2012						<0.001
2/7/2012		0.0028				
7/16/2012			<0.001			
7/17/2012				<0.001		
7/18/2012	<0.001					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	0.0052		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		0.0052		
1/15/2014						<0.001
1/21/2014	<0.001					
1/22/2014		0.0013 (J)	0.00092 (J)	0.0031		
6/25/2014	<0.001				0.0044	<0.001
7/1/2014		0.0014 (J)	<0.001			
7/8/2014				0.0036 (D)		
1/14/2015	<0.001					0.0073 (O)
1/21/2015			<0.001	0.0026		
1/22/2015		0.0017 (J)				
7/21/2015	<0.001		<0.001		0.0056	<0.001
7/22/2015		0.0013 (J)		0.0028		
1/19/2016				0.0021 (JD)		
1/20/2016		<0.001				0.002 (J)
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	0.0022 (J)		0.007
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	0.0018 (J)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	0.0024 (J)		0.0022 (J)
6/20/2018					<0.001	
1/17/2019	0.00094 (J)	0.0011				0.0017
1/18/2019				0.0022	0.00087 (J)	
1/21/2019			0.0004 (J)			
6/24/2019	0.00095 (J)	0.0013				0.0022
6/25/2019			0.00088 (J)	0.0028	0.0021	
9/9/2019	0.00099 (J)					
9/10/2019		0.0014	0.00047 (J)	0.0024		0.0017

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0022	
3/10/2020	0.00067 (J)	0.0012	0.00069 (J)	0.0012	0.0019	0.0019
9/9/2020	0.00071 (J)		0.0004 (J)	0.0016	0.0015	0.0012
9/10/2020		0.0011				
3/15/2021	0.00059 (J)	0.00076 (J)	<0.001	0.0019	0.0022	0.0027
8/16/2021	0.00076 (J)		<0.001			
8/18/2021		0.001		0.0014	0.0039	0.0032

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.0025	
9/16/2011						<0.001
10/27/2011					<0.0025	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.0025	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.0025	
2/9/2012		<0.001				<0.001
7/11/2012			<0.001	<0.001	<0.005	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.0025	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<0.001	<0.001	<0.0025	
1/15/2014		<0.001				
1/21/2014			<0.001	<0.001	0.0041	<0.001
6/24/2014						<0.001
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	0.0017 (J)	
1/14/2015					0.0064	<0.001
1/21/2015		<0.001	<0.001	<0.001		
7/22/2015					0.0089	<0.001
7/28/2015		<0.001	<0.001	<0.001		
1/25/2016	0.0017 (J)					
1/26/2016		<0.001	<0.001			
1/27/2016				<0.001	0.014	<0.001
4/20/2016					0.013	
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	0.0043				0.013	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		<0.001	<0.001		0.018	
8/8/2017	0.0022 (J)					
1/24/2018		<0.001	<0.001			
1/25/2018	0.0046			<0.001	0.013	<0.001
6/20/2018		<0.001		<0.001	0.015	<0.001
6/21/2018	0.0046					
6/26/2018			<0.001			
1/22/2019				0.00033 (J)	0.014	<0.001
1/24/2019		0.00035 (J)				
1/25/2019			<0.001			
1/31/2019	0.0018					
6/25/2019				0.00068 (J)	0.016	0.00031 (J)
6/26/2019	0.0014	<0.001	<0.001			
9/11/2019			0.00088 (J)			
9/12/2019				0.00055 (J)	0.016	
9/16/2019		<0.001				
9/17/2019	0.0013					<0.001
3/12/2020				<0.001		
3/16/2020		0.0004 (J)				<0.001
3/17/2020	0.0013				0.017	
3/18/2020			<0.001			
9/10/2020	0.0045	0.0011	0.00039 (J)	0.00037 (J)	0.015	0.00037 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		<0.001		0.00066 (J)	0.018	
3/18/2021	0.00097 (J)					<0.001
8/19/2021			<0.001			
8/20/2021	0.0014					
8/23/2021		<0.001		<0.001	0.021	
8/24/2021						<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001	<0.001	<0.001	<0.001		
10/27/2011					<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<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	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				0.00051 (J)
1/25/2019	<0.001					
1/28/2019			<0.001	0.0009 (J)	<0.001	
6/25/2019	0.00067 (J)	0.00092 (J)			0.00048 (J)	0.00085 (J)
6/26/2019				0.00051 (J)		
6/27/2019			<0.001			
9/11/2019	0.00077 (J)	0.00092 (J)	0.00066 (J)		0.001	0.00066 (J)
9/12/2019				0.00044 (J)		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				0.0011	<0.001	0.0004 (J)
9/11/2020	<0.001					
9/14/2020		0.00041 (J)	0.0015			
9/15/2020				0.0005 (J)	<0.001	0.00076 (J)
3/16/2021		<0.001	<0.001		<0.001	0.00097 (J)
3/17/2021	<0.001			0.001		
8/19/2021						0.00071 (J)
8/20/2021	<0.001	<0.001				
8/24/2021			<0.001	0.0005 (J)	<0.001	

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				0.014	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				0.019	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				0.0036	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			0.0022 (J)	0.011	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				0.0033	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				0.0054		<0.001
7/31/2015			0.0018 (J)		<0.001	
1/20/2016			0.0027			
1/21/2016		<0.001		0.0054		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.012		
2/3/2017	<0.001	<0.001	0.0025			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	0.0036			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	0.0022 (J)	0.0071		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	0.0072	<0.001	<0.001
1/24/2019	<0.001			0.0027	0.00087 (J)	0.00035 (J)
1/25/2019		0.00044 (J)				
1/31/2019			0.0018			
6/25/2019	0.00031 (J)			0.0021	0.0031	
6/26/2019		<0.001	0.0016			<0.001
9/10/2019	<0.001					

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0018	0.024		
9/12/2019		0.00044 (J)			0.00081 (J)	0.00044 (J)
3/12/2020			0.0025	0.0054		<0.001
3/13/2020					0.00097 (J)	
3/18/2020	0.00042 (J)	0.00079 (J)				
9/9/2020						0.00052 (J)
9/10/2020	<0.001	0.00058 (J)				
9/14/2020				0.015		
9/15/2020			0.0022		0.00072 (J)	
3/15/2021	<0.001					
3/17/2021				0.0053	0.0014	
3/18/2021		0.00052 (J)	0.0017			<0.001
8/19/2021	<0.001		0.0017	0.0035	0.00059 (J)	
8/23/2021		0.00059 (J)				<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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	0.0037
9/17/2011		0.0041				
10/28/2011	<0.001					
10/30/2011				<0.001		
10/31/2011		0.003	<0.001		<0.001	0.0047
12/12/2011					<0.001	0.0048
12/13/2011	<0.001		<0.001	<0.001		
2/1/2012			<0.001	<0.001	<0.001	0.0027
2/7/2012		0.0029				
2/8/2012	<0.001					
7/16/2012					<0.001	0.0035
7/17/2012			<0.001	<0.001		
7/18/2012	<0.001					
1/22/2013					<0.001	0.003
1/23/2013		0.0027	<0.001	<0.001		
1/24/2013	<0.001					
7/2/2013						0.0027
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						0.002 (J)
1/23/2014	<0.001	0.0016 (J)	0.00094 (J)	0.00078 (J)	0.00062 (J)	
6/25/2014					<0.001	0.0026
7/1/2014	<0.001	0.0021 (J)	<0.001			
1/14/2015					<0.001	0.0021 (J)
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						0.0016 (J)
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	0.0017 (J)
1/25/2016		<0.001	<0.001	<0.001		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001
8/3/2017			0.0018 (J)		0.012 (O)	<0.001
8/4/2017	<0.001	0.0029		<0.001		
1/23/2018		0.012	<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		0.0065				
1/21/2019						0.0011
1/28/2019					0.00047 (J)	
1/30/2019	<0.001		0.00064 (J)	0.00054 (J)		
1/31/2019		0.0011				
6/26/2019		0.00034 (J)		0.00068 (J)	0.00047 (J)	0.0013
6/27/2019	<0.001		0.00059 (J)			
9/10/2019	<0.001					

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.01			0.0014	
9/12/2019			0.0013	0.00078 (J)		0.0012
3/11/2020	<0.001				0.0005 (J)	0.001
3/12/2020				0.0012		
3/17/2020		0.0029				
3/18/2020			0.0011			
9/10/2020	<0.001					
9/11/2020		0.0019			0.00053 (J)	0.00095 (J)
9/15/2020			0.00095 (J)			
9/16/2020				0.0012		
3/16/2021		0.0014			0.00059 (J)	0.0011
3/17/2021			0.00082 (J)			
3/18/2021	<0.001			<0.001		
8/18/2021						0.00094 (J)
8/23/2021	<0.001					
8/24/2021			<0.001	<0.001	0.00043 (J)	
8/25/2021		0.00064 (J)				

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	0.0072			
9/7/2011			<0.001	<0.001	0.029 (O)
10/27/2011	<0.001				
10/30/2011		0.0055	<0.001	<0.001	<0.001
12/4/2011					0.0072
12/5/2011	<0.001	0.0026	<0.001	<0.001	
1/19/2012				<0.001	0.0053
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	0.0043		0.013	<0.001	0.012
7/24/2012		0.003			
1/7/2013			0.019	0.0025	
1/8/2013		0.0036			0.014
1/9/2013	0.0082				
7/9/2013		0.0038	0.018	0.0027	0.015
7/17/2013	0.0076				
1/14/2014			0.017	0.0039	0.015
1/15/2014	0.0083	0.0049			
6/24/2014			0.016	0.0014 (J)	0.0091
6/25/2014	0.0079	0.0037			
1/13/2015	0.0072				
1/20/2015		0.0035	0.015	0.0026	0.014
7/24/2015	0.0083	0.0048			
7/27/2015			0.013	<0.001	0.011
1/20/2016	0.007	0.0044			
1/26/2016			0.012	0.002 (J)	0.0096
1/26/2017	0.0066	0.005	0.011	0.0034	
1/31/2017					0.055 (O)
8/3/2017	0.0088	0.0051			
8/4/2017			0.011		
8/7/2017				0.011	0.0093
1/23/2018	0.0074	0.0054	0.0071		
1/24/2018				0.0023 (J)	0.01
6/21/2018				0.0031	0.0083
6/25/2018	0.0053	0.0056	0.011		
1/21/2019			0.0077		
1/22/2019				0.0025	0.008
1/30/2019	0.0032	0.0057			
6/25/2019			0.01	0.0053	0.01
6/26/2019	0.0051	0.0052			
9/10/2019			0.0089	0.0026	
9/12/2019	0.0085	0.0099			
9/16/2019					0.0091
3/12/2020			0.0074	0.0019	
3/16/2020	0.0049	0.0043			0.0091
9/9/2020	0.0051				
9/11/2020		0.0063			0.016
9/14/2020			0.0094	0.0041	
3/16/2021			0.0067	0.0026	0.012
3/17/2021	0.0035	0.006			
8/18/2021		0.0058			
8/19/2021	0.0037		0.0093		
8/20/2021				0.0041	

Time Series

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/25/2021					0.0041

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
1/19/2016				5.92		
1/20/2016		5.47				
1/21/2016	5.03					
1/22/2016			6.27			
3/22/2016			6.72	5.92		
3/23/2016	5.56	5.85				
5/19/2016				5.95		6.45
5/20/2016	5.62					
5/23/2016			6.29			
5/24/2016		5.86				
5/25/2016					6.48	
7/21/2016	5.500376			6.049508		6.449699
7/25/2016			6.178217			
7/26/2016		5.808275				
7/27/2016					6.43219	
9/14/2016						6.396439
9/15/2016	5.31	7.195292 (O)		6.444541		
9/16/2016			6.545359			
11/9/2016			6			
11/10/2016		5.63				6.19
11/11/2016	5.4					
1/17/2017			6.09			6.18
1/19/2017	5.73	5.63				
3/15/2017				5.86		
3/16/2017	5.25		5.98			6.1
3/17/2017		5.68				
4/27/2017			5.96	5.85		
4/28/2017	5.35	5.77				6.51
8/1/2017			6.01 (D)	5.86 (D)	6.35 (D)	
8/2/2017		5.67 (D)				6.23 (D)
8/3/2017	5.32 (D)					
1/19/2018	5.39 (D)	5.68 (D)	6.15 (D)	5.83 (D)		
1/22/2018						6.3 (D)
6/19/2018	5.27	5.84	5.96	5.77		6.2
6/20/2018					6.28	
9/25/2018	5.27	5.52	5.94	5.92		6.21
1/17/2019	5.43	5.81			6.06	6.29
1/18/2019				5.86		
1/21/2019			5.92			
6/24/2019	5.3	5.75			5.68	6.12
6/25/2019			6.03	5.96	5.58	
9/9/2019	5.37					
9/10/2019		5.63	5.79	5.94		6.18
9/11/2019					5.49	
3/10/2020	5.42	5.72	6.05	5.75	5.53	6.24
9/9/2020	5.62		5.9	5.63	5.39	6.19
9/10/2020		5.41				
3/15/2021	5.55	5.44	6.09	5.51	5.28	6
8/16/2021	5.48		6.21			
8/18/2021		5.58		5.79	5.32	6.22

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
1/25/2016	6.27					
1/26/2016		6.11	7.37			
1/27/2016				6.52	5.88	6.67
3/29/2016		6.59	7.53	7.49		
3/30/2016					6.01	6.7
5/25/2016	6.44	6.31	7.44	6.76	5.52	6.52
7/25/2016		6.287783				
7/26/2016				6.859244	6.066915	6.719922
7/27/2016	6.364588					
9/15/2016			6.283325	7.565879	5.220961	
9/16/2016	6.202937					
9/19/2016		6.027665				
9/20/2016						6.519229
11/16/2016		6.04	6.99			
11/17/2016	5.95			6.63	5.05	6.54
1/31/2017	6.47	5.94	7.065 (D)			
2/1/2017					5.5	6.56
3/23/2017		6.06	7.41	6.85	5.41	
5/2/2017	6.69	5.95				
5/3/2017			7.32	6.57	5.71	6.5
8/4/2017				6.77 (D)		6.55 (D)
8/7/2017		6.11 (D)	7.25 (D)		5.03 (D)	
8/8/2017	6.67 (D)					
1/24/2018	6.47 (D)	6.17 (D)	7.02 (D)			
1/25/2018				6.63 (D)	5.64 (D)	6.45 (D)
6/20/2018		5.92		6.66	5.05	7.24
6/21/2018	5.76					
6/26/2018			7.43			
9/27/2018	5.5	5.97				
9/28/2018			7.3			
10/1/2018					5.59	6.5
10/2/2018				6.91		
1/22/2019				6.61	5.72	6.48
1/24/2019		6.25				
1/25/2019			7.49			
1/31/2019	5.75					
6/25/2019				6.54	5.49	6.43
6/26/2019	5.78	5.97	7.28			
9/11/2019			7.47			
9/12/2019				6.73	4.92	
9/16/2019		6.07				
9/17/2019	5.55					6.54
3/12/2020				6.68		
3/16/2020		5.92				6.58
3/17/2020	5.96				5.63	
3/18/2020			7.55			
9/10/2020	5.31	5.82	7.15	6.69	5	6.31
12/2/2020	5.72					
3/16/2021			7.62			
3/17/2021		6.23		7.19	5.31	
3/18/2021	6.13					6.92
8/19/2021			7.26			

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
8/20/2021	5.68					
8/23/2021		6.02		6.52	5.48	
8/24/2021						6.43

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
1/26/2016						5.39
1/27/2016	6.03	6.27		6.14	6.08	
3/30/2016		6.22	6.03	6.1	6.27	5.88
5/25/2016	6.22	6.24				
5/26/2016			6.03	5.99	6.23	5.55
7/25/2016			6.066342	6.063209	6.3145	
7/26/2016						5.64011
7/27/2016	6.30178	6.321385				
9/16/2016	7.5561 (O)					
9/19/2016		7.948709 (O)	6.040669	6.276656		
9/20/2016					7.120962	6.575025
11/17/2016	5.9	6.11		5.97		5.56
2/1/2017	6.14	6.18	5.98			
2/2/2017					6.17	
3/24/2017	5.99	6.34	5.85	5.82		
3/28/2017						5.36
5/3/2017	6.06	6.09	5.92	5.89		
5/4/2017					6.38	5.55
8/7/2017	6.12 (D)	6.16 (D)	5.98 (D)	5.93 (D)	6.19 (D)	5.61 (D)
1/25/2018	6.1 (D)	6.2 (D)	6.03 (D)	5.89 (D)		
1/26/2018					6.16 (D)	5.65 (D)
6/20/2018	6.08					5.48
6/21/2018			5.87	5.78	6.65	
6/26/2018		6.1				
9/27/2018				5.82	6.29	5.38
9/28/2018			5.77			
10/1/2018	6.12					
10/2/2018		6.16				
1/24/2019		6.31				6.01
1/25/2019	6.05					
1/28/2019			6.03	5.96	6.31	
6/25/2019	6.08	6.12			6.15	5.35
6/26/2019				5.78		
6/27/2019			5.78			
9/11/2019	6.22	6.39	6.02		6.27	5.71
9/12/2019				5.92		
3/17/2020	6.35	6.09	5.88			
3/18/2020				5.71	6.16	5.45
9/11/2020	5.85					
9/14/2020		6.37	5.77			
9/15/2020				5.72	6.28	5.3
3/16/2021		6.22	6.03		6.33	5.47
3/17/2021	6.16			5.95		
8/19/2021						5.54
8/20/2021	5.98	6.05				
8/24/2021			5.9	5.78	6.17	

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
1/20/2016			5.41	5.98		
1/21/2016		6.24				
1/22/2016						5.35
1/26/2016	6.46					
3/23/2016						5.57
3/24/2016					5.64	
3/28/2016				5.1		
3/29/2016		4.87				
3/31/2016	6.53					
5/24/2016					5.78	5.58
5/25/2016		6.11	6.46	5.7		
5/26/2016	6.69					
7/26/2016	6.620398				6.038068	5.614371
7/27/2016			6.119047	5.966094		
9/16/2016			6.310241			
9/19/2016				6.070052		5.506855
9/20/2016	6.696588	7.295281			5.701864	
11/11/2016						5.88
11/14/2016					5.64	
11/15/2016				6.35		
11/17/2016	6.52					
11/18/2016		6.32	5.62			
1/19/2017					5.7	
1/20/2017				6.54		5.71
1/23/2017				6.59		
2/3/2017		5.91				
2/6/2017			5.36			
3/16/2017					5.58	5.37
3/23/2017				7.25		
3/24/2017				6.56		
3/28/2017	6.87	5.86	5.87			
4/28/2017						5.89
5/1/2017					5.78	
5/3/2017	6.59		7.5			
5/4/2017		6.2				
8/3/2017				6.33 (D)	5.61 (D)	5.65 (D)
8/8/2017	6.59 (D)	6.07 (D)				
1/19/2018						5.53 (D)
1/22/2018					6 (D)	
1/24/2018				6.12 (D)		
1/25/2018	6.49 (D)	6.06 (D)	5.74 (D)			
6/20/2018	6.42	5.84				
6/27/2018			5.51	6.28	5.59	5.58
9/26/2018				6.4		
9/27/2018					5.68	5.7
9/28/2018			5.28			
10/1/2018	6.7	5.96				
1/24/2019	6.69			6	5.78	5.39
1/25/2019		5.97				
1/31/2019			5.28			
6/25/2019	6.59			5.66	5.63	
6/26/2019		5.86	5.59			5.72

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/10/2019	6.44					
9/11/2019			5.21	5.99		
9/12/2019		5.93			5.63	5.36
1/14/2020				6.18		
3/12/2020			5.33	6.4		5.36
3/13/2020					5.52	
3/18/2020	6.85	6.06				
9/9/2020						5.63
9/10/2020	6.86	5.8				
9/14/2020				5.47		
9/15/2020			4.97		5.63	
3/15/2021	6.78					
3/17/2021				5.97	5.61	
3/18/2021		6.02	5.16			5.39
8/19/2021	6.58		5.1	5.97	5.69	
8/23/2021		5.9				5.35

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
1/19/2016	5.9					
1/21/2016					5.51	5.19
1/25/2016		5.98	6.13	6.23		
3/23/2016	6.78		6.22	6.7		
3/24/2016					6.66	6.32
5/20/2016	6.05					
5/23/2016			5.99		5.92	
5/24/2016				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		
7/27/2016		6.327805				
9/15/2016					5.982305	5.629095
9/16/2016			6.260319	6.411956		
9/20/2016	6.075727					
11/14/2016	5.93					
11/15/2016			6.22		6.03	5.66
11/16/2016				6.15		
1/24/2017	6.03 (D)	5.93				
1/25/2017			6.17	6.09	5.92	
1/26/2017						5.61
2/6/2017		6.04				
3/17/2017	5.94					
3/22/2017				6.18	5.66	5.42
3/28/2017		6.06				
5/1/2017	6	6.24	6.18	6.45	5.88	
5/2/2017						5.72
8/3/2017		5.98 (D)	6.32 (D)	6.52 (D)	5.98 (D)	5.65 (D)
8/4/2017	6.01 (D)					
1/22/2018		5.99 (D)	6.19 (D)	6.22 (D)		
1/23/2018					6.11 (D)	5.64 (D)
1/24/2018	6.29 (D)					
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		5.99				
10/1/2018						5.55
10/2/2018			6.06	6.47	5.86	
10/3/2018	6.38	6.2				
1/21/2019						5.53
1/28/2019					6.08	
1/30/2019	6.08		6.12	6.41		
1/31/2019		6.03				
6/26/2019		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			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				6.37		

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		6.15				
3/18/2020			6.13			
9/10/2020	6.59					
9/11/2020		6.01			5.68	5.4
9/15/2020			5.88			
9/16/2020				5.71		
3/16/2021		5.89			5.78	5.44
3/17/2021			6.14			
3/18/2021	5.77			6.41		
8/18/2021						5.53
8/23/2021	5.96					
8/24/2021			6.12	6.32	5.93	
8/25/2021		6.01				

Time Series

Constituent: pH, Field (S.U.) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/20/2016	6.15	5.97	6.23		
1/26/2016				5.99	
3/28/2016	7.05	6.5			
3/29/2016			6.42	6.45	5.86
5/23/2016	6.47				
5/24/2016		6	6.38	6.17	5.81
7/21/2016	6.424029	6.08222			
7/22/2016			6.438562		
7/25/2016					5.876175
7/26/2016				6.291124	
9/15/2016	7.042684	6.383623	6.347438		
9/19/2016				6.550086	6.323668
11/15/2016	6.29				
11/16/2016		5.99	6.35	5.96	
1/26/2017	6.29	6.12	6.45	6.14	
1/31/2017					5.75
3/23/2017				5.95	5.97
5/2/2017	6.98	5.86	6.32	6.11	6.11
8/3/2017	6.18 (D)	5.92 (D)			
8/4/2017			6.35 (D)		
8/7/2017				6.02 (D)	5.78 (D)
1/23/2018	6.44 (D)	6.08 (D)	6.55 (D)		
1/24/2018				5.91 (D)	5.98 (D)
6/21/2018				5.9	5.68
6/25/2018	6.42	5.86	6.26		
9/25/2018		5.87			
9/26/2018				5.9	5.71
10/2/2018			6.31		
10/3/2018	6.33				
1/21/2019			6.33		
1/22/2019				5.95	5.8
1/30/2019	6.94	5.99			
6/25/2019			6.23	5.85	5.71
6/26/2019	6.42	5.82			
9/10/2019			6.3	5.9	
9/12/2019	6.34	6			
9/16/2019					5.69
1/13/2020				5.89	
3/12/2020			6.45	5.86	
3/16/2020	6.35	5.86			5.8
9/9/2020	6.4				
9/11/2020		5.71			5.4
9/14/2020			6.14	5.64	
3/16/2021			6.5	5.99	5.78
3/17/2021	6.22	6.1			
8/18/2021		5.9			
8/19/2021	6.42		6.38		
8/20/2021				5.91	
8/25/2021					5.55

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.005	<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
10/28/2011			<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			
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					
7/23/2012		<0.005				<0.005
1/23/2013		<0.005				<0.005
1/24/2013	<0.005		<0.005	<0.005		
7/17/2013	<0.005					<0.005
7/23/2013			<0.005			
7/24/2013		<0.005		<0.005		
1/15/2014						<0.005
1/21/2014	<0.005					
1/22/2014		<0.005	<0.005	<0.005		
6/25/2014	<0.005				<0.005	<0.005
7/1/2014		<0.005	<0.005			
7/8/2014				<0.005 (D)		
1/14/2015	<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		
1/19/2016				<0.005 (D)		
1/20/2016		<0.005				<0.005
1/21/2016	<0.005					
1/22/2016			<0.005			
3/22/2016			<0.005	<0.005		
3/23/2016	<0.005	<0.005				<0.005
3/31/2016					<0.005	
5/19/2016				<0.005		<0.005
5/20/2016	<0.005					
5/23/2016			<0.005			
5/24/2016		<0.005				
5/25/2016					<0.005	
7/21/2016	<0.005			0.00045 (J)		<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			
9/16/2016		<0.005				
11/9/2016			<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
11/10/2016		<0.005				<0.005
11/11/2016	<0.005					
1/17/2017			<0.005	<0.005		<0.005
1/19/2017	<0.005	<0.005				
3/16/2017	<0.005		<0.005			<0.005
3/17/2017		<0.005				
4/27/2017			<0.005	<0.005		<0.005
4/28/2017	<0.005	<0.005				
7/18/2017				<0.005		
8/1/2017			<0.005	<0.005 (*)	<0.005 (*)	
8/2/2017		<0.005				<0.005
8/3/2017	<0.005					
10/3/2017					<0.005	
1/19/2018	<0.005	<0.005	0.00073 (J)	0.00027 (J)		
1/22/2018						<0.005
6/19/2018	0.00054 (J)	<0.005	<0.005	0.00051 (J)		0.00086 (J)
6/20/2018					<0.005	
1/17/2019	<0.005	<0.005				<0.005
1/18/2019				<0.005	<0.005	
1/21/2019			<0.005			
6/24/2019	<0.005	<0.005				<0.005
6/25/2019			<0.005	<0.005	<0.005	
9/9/2019	<0.005					
9/10/2019		<0.005	<0.005	<0.005		<0.005
9/11/2019					<0.005	
3/10/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005		<0.005	<0.005	<0.005	<0.005
9/10/2020		<0.005				
3/15/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/16/2021	<0.005		<0.005			
8/18/2021		<0.005		<0.005	<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.005	<0.005	<0.005	<0.005	
9/16/2011						<0.005
10/27/2011					<0.005	<0.005
10/28/2011		<0.005	<0.005	<0.005		
12/3/2011					<0.005	<0.005
12/4/2011		<0.005	<0.005	<0.005		
1/24/2012			<0.005	<0.005	<0.005	
2/9/2012		<0.005				<0.005
7/11/2012			<0.005	<0.005	<0.005	<0.005
7/18/2012		<0.005				
1/8/2013		<0.005	<0.005	<0.005	<0.005	<0.005
7/2/2013						<0.005
7/9/2013		<0.005				
7/10/2013			<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
6/25/2014		<0.005				
7/1/2014			<0.005	<0.005	<0.005	
1/14/2015					<0.005	<0.005
1/21/2015		<0.005	<0.005	<0.005		
7/22/2015					<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			
1/27/2016				<0.005	0.0071	<0.005
3/29/2016		<0.005	<0.005	<0.005		
3/30/2016	<0.005				0.00273 (J)	<0.005
4/20/2016					<0.005	
5/25/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/22/2016			<0.005			
7/25/2016		0.00041 (J)				
7/26/2016				<0.005	<0.005	<0.005
7/27/2016	<0.005					
9/15/2016			<0.005	<0.005	<0.005	
9/16/2016	<0.005					
9/19/2016		0.00084 (J)				
9/20/2016						<0.005
11/16/2016		<0.005	<0.005			
11/17/2016	<0.005			<0.005	0.00047 (J)	<0.005
1/31/2017		0.00033 (J)	<0.005	<0.005		
2/1/2017	<0.005				<0.005	<0.005
3/23/2017		<0.005	<0.005	0.0021	<0.005	<0.005
3/24/2017	<0.005					
5/2/2017		<0.005				
5/3/2017	<0.005		<0.005	<0.005	<0.005	<0.005
8/4/2017				<0.005		<0.005
8/7/2017		<0.005	0.00032 (J)		0.00088 (J)	
8/8/2017	<0.005					
1/24/2018		<0.005	<0.005			
1/25/2018	<0.005			<0.005	0.00025 (J)	<0.005
6/20/2018		0.00026 (J)		<0.005	0.0017	0.00027 (J)

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
6/21/2018	<0.005					
6/26/2018			<0.005			
1/22/2019				<0.005	<0.005	<0.005
1/24/2019		<0.005				
1/25/2019			<0.005			
1/31/2019	<0.005					
6/25/2019				<0.005	<0.005	<0.005
6/26/2019	<0.005	<0.005	<0.005			
9/11/2019			<0.005			
9/12/2019				<0.005	0.0032 (J)	
9/16/2019		<0.005				
9/17/2019	<0.005					<0.005
3/12/2020				<0.005		
3/16/2020		<0.005				<0.005
3/17/2020	<0.005				0.0023 (J)	
3/18/2020			<0.005			
9/10/2020	<0.005	<0.005	<0.005	<0.005	0.0022 (J)	<0.005
3/16/2021			<0.005			
3/17/2021		<0.005		<0.005	0.0025 (J)	
3/18/2021	<0.005					<0.005
8/19/2021			<0.005			
8/20/2021	<0.005					
8/23/2021		<0.005		<0.005	<0.005	
8/24/2021						<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.005	<0.005	<0.005	<0.005		
8/31/2011					<0.005	<0.005
10/26/2011	<0.005	<0.005	<0.005	<0.005		
10/27/2011					<0.005	<0.005
12/3/2011	<0.005	<0.005	<0.005	<0.005		
12/4/2011					<0.005	<0.005
1/25/2012	<0.005	<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	<0.005	
7/17/2012						<0.005
1/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005	
1/9/2013						<0.005
7/2/2013	<0.005					
7/16/2013		<0.005	<0.005	<0.005	<0.005	<0.005
1/14/2014	<0.005	<0.005	<0.005			
1/21/2014				<0.005	<0.005	<0.005
6/24/2014			<0.005	<0.005	<0.005	<0.005
6/25/2014	<0.005	<0.005				
1/13/2015	<0.005		<0.005	<0.005	<0.005	<0.005
1/14/2015		<0.005				
7/22/2015	<0.005					
7/23/2015			<0.005	<0.005	<0.005	<0.005
7/28/2015		<0.005				
1/26/2016						<0.005
1/27/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
3/30/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/25/2016	<0.005	<0.005				
5/26/2016			<0.005	<0.005	<0.005	<0.005
7/25/2016			0.00073 (J)	<0.005	<0.005	
7/26/2016						<0.005
7/27/2016	0.00029 (J)	<0.005				
9/16/2016	<0.005					
9/19/2016		<0.005	<0.005	<0.005		
9/20/2016					<0.005	<0.005
11/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017	<0.005	<0.005	<0.005			
2/2/2017				<0.005	<0.005	<0.005
3/24/2017	<0.005	<0.005	<0.005	<0.005		
3/28/2017					<0.005	<0.005
5/3/2017	<0.005	<0.005	<0.005	<0.005		
5/4/2017					<0.005	<0.005
8/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1/25/2018	<0.005	<0.005	<0.005	<0.005		
1/26/2018					<0.005	<0.005
6/20/2018	<0.005					0.00046 (J)
6/21/2018			<0.005	<0.005	<0.005	
6/26/2018		<0.005				
1/24/2019		<0.005				<0.005
1/25/2019	<0.005					
1/28/2019			<0.005	<0.005	<0.005	
6/25/2019	<0.005	<0.005			<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
6/26/2019				<0.005		
6/27/2019			<0.005			
9/11/2019	<0.005	<0.005	<0.005		<0.005	<0.005
9/12/2019				<0.005		
3/17/2020	<0.005	<0.005	<0.005			
3/18/2020				<0.005	<0.005	<0.005
9/11/2020	<0.005					
9/14/2020		<0.005	<0.005			
9/15/2020				<0.005	<0.005	<0.005
3/16/2021		<0.005	<0.005		<0.005	<0.005
3/17/2021	<0.005			<0.005		
8/19/2021						<0.005
8/20/2021	<0.005	<0.005				
8/24/2021			<0.005	<0.005	<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.005					
9/16/2011		<0.005				
9/17/2011				<0.005	<0.005	<0.005
10/29/2011	<0.005	<0.005			<0.005	<0.005
10/31/2011				<0.005		
12/13/2011	<0.005	<0.005				
12/14/2011				<0.005	<0.005	<0.005
1/25/2012	<0.005					<0.005
1/31/2012		<0.005				
2/7/2012				<0.005	<0.005	
7/17/2012				<0.005	<0.005	<0.005
7/18/2012	<0.005	<0.005				
1/22/2013	<0.005	<0.005				
1/24/2013					<0.005	<0.005
7/16/2013	<0.005					
7/23/2013		<0.005				
7/24/2013				<0.005	<0.005	<0.005
1/21/2014	<0.005					
1/22/2014		<0.005				
1/23/2014				<0.005	<0.005	<0.005
6/25/2014	<0.005					
7/1/2014		<0.005				
7/8/2014			<0.005	<0.005	<0.005	<0.005
1/14/2015	<0.005					
1/21/2015				<0.005	<0.005	<0.005
1/22/2015		<0.005				
7/23/2015	<0.005					
7/29/2015		<0.005				
7/30/2015				<0.005		<0.005
7/31/2015			<0.005		<0.005	
1/20/2016			<0.005			
1/21/2016		<0.005		<0.005		
1/22/2016						<0.005
1/25/2016					<0.005	
1/26/2016	<0.005					
3/23/2016						<0.005
3/24/2016					<0.005	
3/28/2016				<0.005		
3/29/2016		<0.005				
3/30/2016			<0.005			
3/31/2016	<0.005					
5/24/2016						<0.005
5/25/2016		<0.005	<0.005	<0.005	<0.005	
5/26/2016	<0.005					
7/26/2016	<0.005				<0.005	<0.005
7/27/2016		<0.005	<0.005	0.00033 (J)		
9/16/2016			<0.005			
9/19/2016				<0.005	<0.005	<0.005
9/20/2016	<0.005	<0.005				
11/11/2016						<0.005
11/14/2016					<0.005	
11/15/2016				<0.005		

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
11/17/2016	<0.005					
11/18/2016		<0.005	<0.005			
1/19/2017					<0.005	
1/20/2017						0.00045 (J)
1/24/2017				<0.005		
2/3/2017	<0.005	<0.005	<0.005			
3/16/2017					<0.005	<0.005
3/23/2017				<0.005		
3/28/2017	<0.005	<0.005				
3/29/2017			<0.005			
4/28/2017						<0.005
5/1/2017					0.0018	
5/2/2017				<0.005		
5/3/2017	<0.005					
5/4/2017		<0.005	<0.005			
8/3/2017				<0.005	<0.005	<0.005
8/8/2017	<0.005	<0.005	<0.005			
1/19/2018						<0.005
1/22/2018					0.0003 (J)	
1/25/2018	<0.005	<0.005	<0.005	<0.005		
6/20/2018	0.0003 (J)	<0.005				
6/27/2018			<0.005	<0.005	<0.005	<0.005
1/24/2019	<0.005			<0.005	<0.005	<0.005
1/25/2019		<0.005				
1/31/2019			<0.005			
6/25/2019	<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			<0.005	<0.005
3/12/2020			<0.005	<0.005		<0.005
3/13/2020					<0.005	
3/18/2020	<0.005	<0.005				
9/9/2020						<0.005
9/10/2020	<0.005	<0.005				
9/14/2020				<0.005		
9/15/2020			<0.005		<0.005	
3/15/2021	<0.005					
3/17/2021				<0.005	<0.005	
3/18/2021		<0.005	<0.005			<0.005
8/19/2021	<0.005		<0.005	<0.005	<0.005	
8/23/2021		<0.005				<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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		
2/1/2012			<0.005	<0.005	<0.005	<0.005
2/7/2012		<0.005				
2/8/2012	<0.005					
7/16/2012					<0.005	<0.005
7/17/2012			<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					
7/2/2013						<0.005
7/17/2013				<0.005	<0.005	
7/24/2013	<0.005		<0.005			
1/21/2014						<0.005
1/23/2014	<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			
1/14/2015					<0.005	<0.005
1/20/2015	<0.005		<0.005	<0.005		
1/21/2015		<0.005				
7/28/2015						<0.005
7/29/2015				<0.005	<0.005	
7/30/2015	<0.005		<0.005			
1/19/2016	<0.005					
1/21/2016					<0.005	<0.005
1/25/2016		<0.005	<0.005	<0.005		
3/23/2016	<0.005		<0.005	<0.005		
3/24/2016					<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		
5/25/2016		<0.005				
7/21/2016	0.0003 (J)				<0.005	<0.005
7/22/2016			0.00025 (J)	0.00074 (J)		
7/27/2016		0.00095 (J)				
9/15/2016					<0.005	<0.005
9/16/2016			<0.005	<0.005		
9/20/2016	<0.005					
11/14/2016	<0.005					
11/15/2016			<0.005		<0.005	<0.005
11/17/2016				<0.005		
1/24/2017	<0.005					
1/25/2017		0.00035 (J)		<0.005	<0.005	
1/26/2017			<0.005			<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2017	<0.005					
3/22/2017					<0.005	<0.005
3/23/2017		<0.005		<0.005		
3/24/2017			<0.005			
5/1/2017	<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
8/4/2017	<0.005 (*)	<0.005 (*)		<0.005 (*)		
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		0.00044 (J)				
1/21/2019						<0.005
1/28/2019					<0.005	
1/30/2019	<0.005		<0.005	<0.005		
1/31/2019		<0.005				
6/26/2019		<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
3/11/2020	<0.005				<0.005	<0.005
3/12/2020				<0.005		
3/17/2020		<0.005				
3/18/2020			<0.005			
9/10/2020	<0.005					
9/11/2020		<0.005			<0.005	<0.005
9/15/2020			<0.005			
9/16/2020				<0.005		
3/16/2021		<0.005			<0.005	<0.005
3/17/2021			<0.005			
3/18/2021	<0.005			<0.005		
8/18/2021						<0.005
8/23/2021	<0.005					
8/24/2021			<0.005	<0.005	<0.005	
8/25/2021		<0.005				

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.005	<0.005			
9/7/2011			<0.005	<0.005	0.015 (O)
10/27/2011	<0.005				
10/30/2011		<0.005	<0.005	<0.005	<0.005
12/4/2011					<0.005
12/5/2011	<0.005	<0.005	<0.005	<0.005	
1/19/2012				<0.005	<0.005
1/25/2012	<0.005	<0.005	<0.005		
7/18/2012	<0.005		<0.005	<0.005	<0.005
7/24/2012		<0.005			
1/7/2013			<0.005	<0.005	
1/8/2013		<0.005			<0.005
1/9/2013	<0.005				
7/9/2013		<0.005	<0.005	<0.005	<0.005
7/17/2013	<0.005				
1/14/2014			<0.005	<0.005	<0.005
1/15/2014	<0.005	<0.005			
6/24/2014			<0.005	<0.005	<0.005
6/25/2014	<0.005	<0.005			
1/13/2015	<0.005				
1/20/2015		<0.005	<0.005	<0.005	<0.005
7/24/2015	<0.005	<0.005			
7/27/2015			<0.005	<0.005	<0.005
1/20/2016	<0.005	<0.005			
1/26/2016			<0.005	<0.005	<0.005
3/28/2016	<0.005	<0.005			
3/29/2016			<0.005	<0.005	<0.005
5/23/2016	<0.005				
5/24/2016		<0.005	<0.005	<0.005	<0.005
7/21/2016	0.00025 (J)	<0.005			
7/22/2016			<0.005		
7/25/2016					<0.005
7/26/2016				<0.005	
9/15/2016	<0.005	<0.005	<0.005		
9/19/2016				<0.005	<0.005
11/15/2016	<0.005				
11/16/2016		0.00031 (J)	<0.005	<0.005	<0.005
1/26/2017	<0.005	<0.005	<0.005	<0.005	
1/31/2017					0.00053 (J)
3/22/2017	<0.005	<0.005	<0.005		
3/23/2017				<0.005	<0.005
5/2/2017	<0.005	<0.005	<0.005		<0.005
5/3/2017				0.0018	
8/3/2017	<0.005	<0.005			
8/4/2017			<0.005 (*)		
8/7/2017				0.00068 (J)	0.0009 (J)
1/23/2018	<0.005	<0.005	<0.005		
1/24/2018				0.00025 (J)	0.00052 (J)
6/21/2018				0.00029 (J)	0.00063 (J)
6/25/2018	0.0008 (J)	0.0008 (J)	<0.005		
1/21/2019			<0.005		
1/22/2019				<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
1/30/2019	<0.005	<0.005			
6/25/2019			<0.005	<0.005	<0.005
6/26/2019	<0.005	<0.005			
9/10/2019			<0.005	<0.005	
9/12/2019	<0.005	<0.005			
9/16/2019					<0.005
3/12/2020			<0.005	<0.005	
3/16/2020	<0.005	<0.005			<0.005
9/9/2020	<0.005				
9/11/2020		<0.005			<0.005
9/14/2020			<0.005	<0.005	
3/16/2021			<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005			
8/18/2021		<0.005			
8/19/2021	<0.005		<0.005		
8/20/2021				<0.005	
8/25/2021					<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<0.001		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		0.003		
1/15/2014						<0.001
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	0.0011 (J)		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				0.0013 (JD)		
1/14/2015	<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)		
1/19/2016				0.0011 (JD)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	0.0015		<0.001
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	0.00098 (J)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	0.00081 (J)		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	0.0009 (J)		<0.001
6/20/2018					<0.001	
1/17/2019	<0.001	<0.001				<0.001
1/18/2019				0.00061 (J)	<0.001	
1/21/2019			<0.001			
6/24/2019	<0.001	<0.001				<0.001
6/25/2019			<0.001	0.0017	<0.001	
9/9/2019	<0.001					
9/10/2019		<0.001	<0.001	0.0015		<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					<0.001	
3/10/2020	<0.001	<0.001	<0.001	0.00099 (J)	<0.001	<0.001
9/9/2020	<0.001		<0.001	0.00094 (J)	<0.001	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.00085 (J)	<0.001	<0.001
8/16/2021	<0.001		<0.001			
8/18/2021		<0.001		0.0013	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	<0.001	
3/18/2021	<0.001					<0.001
8/19/2021			<0.001			
8/20/2021	<0.001					
8/23/2021		<0.001		<0.001	<0.001	
8/24/2021						<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
7/28/2015		<0.001				
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		0.00047 (J)				0.00063 (J)
1/25/2019	0.00035 (J)					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	<0.001			<0.001	<0.001
6/26/2019				<0.001		
6/27/2019			<0.001			
9/11/2019	<0.001	<0.001	<0.001		<0.001	<0.001
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		<0.001	<0.001
3/17/2021	<0.001			<0.001		
8/19/2021						<0.001
8/20/2021	<0.001	<0.001				
8/24/2021			<0.001	<0.001	<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	<0.001
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	<0.001					
1/21/2015				<0.001	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	<0.001					
7/29/2015		<0.001				
7/30/2015				<0.001		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	<0.001					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				<0.001		
2/3/2017	<0.001	<0.001	<0.001			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	0.00038 (J)			0.00034 (J)	0.00019 (J)	0.00061 (J)
1/25/2019		0.00039 (J)				
1/31/2019			0.00069 (J)			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	<0.001			<0.001
9/10/2019	<0.001					

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			<0.001	<0.001		
9/12/2019		<0.001			<0.001	<0.001
3/12/2020			<0.001	<0.001		<0.001
3/13/2020					<0.001	
3/18/2020	<0.001	<0.001				
9/9/2020						<0.001
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	<0.001					
3/17/2021				<0.001	<0.001	
3/18/2021		<0.001	<0.001			<0.001
8/19/2021	<0.001		<0.001	<0.001	<0.001	
8/23/2021		<0.001				<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.00034 (J)	<0.001	<0.001	<0.001	<0.001
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	0.0039 (O)	<0.001			
1/14/2015					<0.001	<0.001
1/20/2015	<0.001		<0.001	<0.001		
1/21/2015		<0.001				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<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
8/4/2017	<0.001	0.0005 (J)		<0.001		
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		0.00016 (J)				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		0.00019 (J)	0.00035 (J)		
1/31/2019		0.00036 (J)				
6/26/2019		<0.001		<0.001	<0.001	<0.001
6/27/2019	<0.001		<0.001			
9/10/2019	<0.001					

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0078			<0.001	
9/12/2019			<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		
3/17/2020		0.00018 (J)				
3/18/2020			<0.001			
9/10/2020	<0.001					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		0.00024 (J)			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		
8/18/2021						<0.001
8/23/2021	<0.001					
8/24/2021			<0.001	<0.001	<0.001	
8/25/2021		<0.001				

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
1/20/2015		<0.001	<0.001	<0.001	<0.001
7/24/2015	<0.001	<0.001			
7/27/2015			<0.001	<0.001	<0.001
1/20/2016	<0.001	0.00051 (J)			
1/26/2016			<0.001	<0.001	<0.001
1/26/2017	<0.001	<0.001	<0.001	<0.001	
1/31/2017					<0.001
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				<0.001	<0.001
6/25/2018	<0.001	<0.001	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001
1/30/2019	0.00016 (J)	0.0032			
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	<0.001			
9/16/2019					<0.001
3/12/2020			<0.001	<0.001	
3/16/2020	<0.001	<0.001			<0.001
9/9/2020	<0.001				
9/11/2020		<0.001			<0.001
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001			
8/18/2021		<0.001			
8/19/2021	<0.001		<0.001		
8/20/2021				<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/25/2021					<0.001

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			1.1423	8.4662		
3/23/2016	<1	1.001				9.0208
3/31/2016					202.982	
5/19/2016				10		10
5/20/2016	<1					
5/23/2016			1.44			
5/24/2016		0.576 (J)				
5/25/2016					95.7	
7/21/2016	<1			13		10
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)			
9/16/2016		0.87 (J)				
11/9/2016			1.1			
11/10/2016		0.79 (J)				8.1
11/11/2016	<1					
1/17/2017			0.85 (J)	7.6		15
1/19/2017	<1	0.87 (J)				
3/16/2017	<1		1.2			9.1
3/17/2017		1.8				
4/27/2017			<1	8		9.6
4/28/2017	<1	1.7				
7/18/2017				6		
8/1/2017				7.7		
10/3/2017		1.9	1.4	7	150	9.8
10/4/2017	<1					
1/19/2018	<1	1.8	1.1	5.7		
1/22/2018						10
6/19/2018	<1	1	0.94 (J)	7		10
6/20/2018					100	
9/25/2018	<1	0.78 (J)	1.3	9.1		9.7
1/17/2019	0.5 (J)	2.5				9.4
1/18/2019				6.4	34	
1/21/2019			1.6			
6/24/2019	<1	0.91 (J)				10
6/25/2019			2.2	26	<1	
9/9/2019	<1					
9/10/2019		0.9 (J)	1.3	9.2		11
9/11/2019					43	
3/10/2020	1.7	2.5	3	6	16	12
9/9/2020	<1		1.4	6.5	29	9.4
9/10/2020		1				
3/15/2021	<1	1.5	0.95 (J)	6.8	36	7.7
8/16/2021	<1		1.1			
8/18/2021		0.9 (J)		6.7	51	9.7

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		<1	19.1889	2.8316		
3/30/2016	24.0688				7.2023	1.7296
5/25/2016	20.1	<1	19.8	2.62	10.5	1.52
7/22/2016			20			
7/25/2016		<1				
7/26/2016				2.7	38	1.2
7/27/2016	28					
9/15/2016			20	2.6	13	
9/16/2016	29					
9/19/2016		<1				
9/20/2016						0.85 (J)
11/16/2016		<1	19			
11/17/2016	40			2.2	18	0.83 (J)
1/31/2017		3.7 (o)	23	2.6		
2/1/2017	40				8.2	1.9
3/23/2017		1.5	23	2.6	10	1.6
3/24/2017	28					
5/2/2017		<1				
5/3/2017	38		22	2.6	10	1.3
10/4/2017	45	<1	22		22	1.4
10/5/2017				2.5		
1/24/2018		<1	22			
1/25/2018	33			2.5	9.9	1.4
6/20/2018		<1		2.5	18	2.1
6/21/2018	21					
6/26/2018			23			
9/27/2018	28	<1				
9/28/2018			24			
10/1/2018					11	1.4
10/2/2018				2.7		
1/22/2019				2.8	13	2
1/24/2019		0.77 (J)				
1/25/2019			25			
1/31/2019	20					
6/25/2019				3	13	2
6/26/2019	13	0.47 (J)	25			
9/11/2019			26			
9/12/2019				2.2	22	
9/16/2019		<1				
9/17/2019	12					1.4
3/12/2020				4.5		
3/16/2020		0.44 (J)				2.3
3/17/2020	16				12	
3/18/2020			25			
9/10/2020	17	<1	26	2.3	17	1.2
3/16/2021			29			
3/17/2021		<1		2.5	16	
3/18/2021	11					1.7
8/19/2021			33			
8/20/2021	10					
8/23/2021		<1		2	8.6	
8/24/2021						2

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	0.5433 (J)	0.8313 (J)	0.6239 (J)	2.3237	1.0356	0.3269 (J)
5/25/2016	0.4393 (J)	0.195 (J)				
5/26/2016			0.598 (J)	0.574 (J)	0.979 (J)	<1
7/25/2016			<1	<1	0.94 (J)	
7/26/2016						<1
7/27/2016	<1	0.7 (J)				
9/16/2016	<1					
9/19/2016		<1	<1	<1		
9/20/2016					0.83 (J)	<1
11/17/2016	<1	0.75 (J)	<1	<1	0.71 (J)	<1
2/1/2017	<1	<1	<1			
2/2/2017				8.6 (o)	0.82 (J)	<1
3/24/2017	<1	<1	<1	2.5		
3/28/2017					0.75 (J)	<1
5/3/2017	<1	<1	<1	0.88 (J)		
5/4/2017					1.1	<1
10/4/2017		<1				
10/5/2017	<1		<1	0.81 (J)		
10/6/2017					0.79 (J)	<1
1/25/2018	<1	<1	<1	0.77 (J)		
1/26/2018					<1	<1
6/20/2018	<1					<1
6/21/2018			<1	<1	1.3	
6/26/2018		<1				
9/27/2018				<1	1.2	<1
9/28/2018			<1			
10/1/2018	<1					
10/2/2018		<1				
1/24/2019		0.88 (J)				<1
1/25/2019	0.66 (J)					
1/28/2019			0.69 (J)	1.2	0.9 (J)	
6/25/2019	0.84 (J)	1.1			0.99 (J)	<1
6/26/2019				0.88 (J)		
6/27/2019			0.85 (J)			
9/11/2019	0.6 (J)	0.99 (J)	0.7 (J)		1.1	0.42 (J)
9/12/2019				0.39 (J)		
3/17/2020	0.84 (J)	1.2	1			
3/18/2020				1.1	0.72 (J)	<1
9/11/2020	0.4 (J)					
9/14/2020		0.92 (J)	0.7 (J)			
9/15/2020				0.53 (J)	0.83 (J)	<1
3/16/2021		<1	<1		<1	<1
3/17/2021	<1			<1		
8/19/2021						<1
8/20/2021	1	1.1				
8/24/2021			0.89 (J)	2.5	0.88 (J)	

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						1.3897
3/24/2016					0.4337 (J)	
3/28/2016				8.3151		
3/29/2016		0.5302 (J)				
3/30/2016			1.0189			
3/31/2016	0.3648 (J)					
5/24/2016						0.598 (J)
5/25/2016		0.3659 (J)	0.6811 (J)		0.3421 (J)	
5/26/2016	0.562 (J)			4.31		
7/26/2016	<1				<1	3
7/27/2016		<1	<1	6.1		
9/16/2016			<1			
9/19/2016				11	<1	1.6
9/20/2016	<1	<1				
11/11/2016						3
11/14/2016					<1	
11/15/2016				18		
11/17/2016	<1					
11/18/2016		<1	<1			
1/19/2017					<1	
1/20/2017						2.2
1/24/2017				26		
2/3/2017	<1	<1	<1			
3/16/2017					<1	0.95 (J)
3/23/2017				23		
3/28/2017	<1	<1				
3/29/2017			<1			
4/28/2017						2.1
5/1/2017					<1	
5/2/2017				27		
5/3/2017	<1					
5/4/2017		<1	<1			
10/3/2017						<1
10/4/2017					<1	
10/5/2017	<1	<1	<1	16		
1/19/2018						1.4
1/22/2018					<1	
1/25/2018	<1	<1	<1	15		
6/20/2018	<1	<1				
6/27/2018			<1	12	<1	1.7
9/26/2018				12		
9/27/2018					<1	2.5
9/28/2018			<1			
10/1/2018	<1	<1				
1/24/2019	0.81 (J)			1.4	0.57 (J)	0.39 (J)
1/25/2019		0.38 (J)				
1/31/2019			<1			
6/25/2019	0.76 (J)			1.6	0.78 (J)	
6/26/2019		0.64 (J)	0.71 (J)			3.2
9/10/2019	<1					
9/11/2019			0.59 (J)	5.7		
9/12/2019		0.54 (J)			<1	0.82 (J)

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			2.3	9.7		2
3/13/2020					1.8	
3/18/2020	0.65 (J)	<1				
9/9/2020						2.4
9/10/2020	0.54 (J)	<1				
9/14/2020				3.8		
9/15/2020			0.53 (J)		0.45 (J)	
3/15/2021	<1					
3/17/2021				7.2	<1	
3/18/2021		<1	<1			2.3
8/19/2021	1.2		0.77 (J)	7.2	0.82 (J)	
8/23/2021		<1				0.78 (J)

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	1.3729		12.8473	19.6956		
3/24/2016					1.8782	2.7482
3/30/2016		15.0114				
5/20/2016	1.31					
5/23/2016					1.44	2.76
5/24/2016			13.5			
5/25/2016		19.1				
7/21/2016	1.3				1.6	2.8
7/22/2016			12			
9/15/2016					1.6	2.4
9/16/2016			12			
9/20/2016	1.3					
11/14/2016	1.1					
11/15/2016			13		1.3	2.3
11/17/2016				22		
1/24/2017	1.3					
1/25/2017		13		50 (o)	1.5	
1/26/2017			9.2			2.7
3/17/2017	1.3					
3/22/2017					1.5	2.4
3/23/2017				28		
3/24/2017			9.2			
5/1/2017	1.2			25	1.4	
5/2/2017			9			2.5
7/19/2017		15		22		
8/4/2017				25		
8/24/2017				19		
10/3/2017					1.4	2.5
10/4/2017	1.2					
10/5/2017				18		
10/6/2017		19	8.8			
1/23/2018		15	9.4	14	1.2	2.4
1/24/2018	1					
6/19/2018						2.7
6/20/2018					1.7	
6/21/2018	1					
6/26/2018			12	9.2		
6/27/2018		14				
10/1/2018						2.8
10/2/2018			9.7	11	1.4	
10/3/2018	1.2	18				
1/21/2019						2.7
1/28/2019					1.6	
1/30/2019	1.2		11	14		
1/31/2019		10				
6/26/2019		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			9.7	12		2.3
3/11/2020	3.3				3.8	4.7
3/12/2020				11		

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		7.3				
3/18/2020			8.8			
9/10/2020	1					
9/11/2020		15			1.2	2
9/15/2020			9.9			
9/16/2020				7		
3/16/2021		11			1.3	2.2
3/17/2021			9.1			
3/18/2021	1.1			9.1		
8/18/2021						2.7
8/23/2021	1.2					
8/24/2021			10	8.1	1.4	
8/25/2021		12				

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	19.9405	11.0351			
3/29/2016			22.385 (JO)	15.2958	14.6203
5/23/2016	21				
5/24/2016		12.8	85.8	18.5	14.7
7/21/2016	17	16			
7/22/2016			86		
7/25/2016					20
7/26/2016				19	
9/15/2016	16	15	84		
9/19/2016				31	22
11/15/2016	15				
11/16/2016		15	89	36	22
1/26/2017	13	16	85	49 (o)	
1/31/2017					44
3/22/2017	13	13	81		
3/23/2017				21	29
5/2/2017	25	10	76		18
5/3/2017				17	
10/3/2017	21	11	74		17
10/5/2017				16	
1/23/2018	26	10	57		
1/24/2018				10	14
6/21/2018				11	13
6/25/2018	30	11	62		
9/25/2018		14			
9/26/2018				20	17
10/2/2018			60		
10/3/2018	29				
1/21/2019			64		
1/22/2019				12	12
1/30/2019	31	9.7			
6/25/2019			59	14	11
6/26/2019	31	9.3			
9/10/2019			52	14	
9/12/2019	34	14			
9/16/2019					16
3/12/2020			52	18	
3/16/2020	29	30			11
9/9/2020	27				
9/11/2020		12			16
9/14/2020			45	15	
3/16/2021			45	17	9.2
3/17/2021	26	12			
8/18/2021		13			
8/19/2021	29		45		
8/20/2021				17	
8/25/2021					14

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<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
1/21/2014	<0.001					
1/22/2014		<0.001	<0.001	<0.001		
6/25/2014	<0.001				<0.001	<0.001
7/1/2014		<0.001	<0.001			
7/8/2014				<0.001		
1/14/2015	<0.001					0.0001 (J)
7/21/2015	<0.001		<0.001		<0.001	0.0001 (J)
7/22/2015		<0.001		<0.001		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
3/22/2016			<0.001	<0.001		
3/23/2016	<0.001	<0.001				<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	
7/21/2016	<0.001			<0.001		<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			
9/16/2016		<0.001				
11/9/2016			<0.001			
11/10/2016		<0.001				<0.001
11/11/2016	<0.001					

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
3/16/2017	<0.001		<0.001			<0.001
3/17/2017		<0.001				
4/27/2017			<0.001	<0.001		<0.001
4/28/2017	<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					
10/3/2017					<0.001	
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						<0.001
6/19/2018	<0.001	<0.001	<0.001	<0.001		<0.001
6/20/2018					<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			
6/24/2019	0.0002 (J)	<0.001				<0.001
6/25/2019			<0.001	<0.001	<0.001	
9/9/2019	0.00015 (J)					
9/10/2019		<0.001	<0.001	<0.001		<0.001
9/11/2019					<0.001	
3/10/2020	0.00029 (J)	0.00018 (J)	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001		<0.001	<0.001	<0.001	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/16/2021	<0.001		<0.001			
8/18/2021		<0.001		<0.001	<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.001	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/8/2012						<0.001
2/9/2012		<0.001				
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		<0.001				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		<0.001				
7/10/2013			<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
6/25/2014		<0.001				
7/1/2014			<0.001	<0.001	0.0001	
1/14/2015					0.0002 (J)	<0.001
7/22/2015					0.003 (JO)	<0.001
1/25/2016	<0.001					
1/26/2016		<0.001	<0.001			
1/27/2016				<0.001	0.000616 (J)	<0.001
3/29/2016		<0.001	<0.001	<0.001		
3/30/2016	<0.001				0.000411 (J)	<0.001
5/25/2016	<0.001	<0.001	<0.001	<0.001	0.000445 (J)	<0.001
7/22/2016			<0.001			
7/25/2016		<0.001				
7/26/2016				<0.001	0.0013	<0.001
7/27/2016	<0.001					
9/15/2016			<0.001	<0.001	0.00033 (J)	
9/16/2016	<0.001					
9/19/2016		<0.001				
9/20/2016						<0.001
11/16/2016		<0.001	<0.001			
11/17/2016	<0.001			<0.001	0.00041 (J)	<0.001
1/31/2017		<0.001	<0.001	<0.001		
2/1/2017	<0.001				0.00041 (J)	<0.001
3/23/2017		<0.001	<0.001	<0.001	0.0004 (J)	<0.001
3/24/2017	<0.001					
5/2/2017		<0.001				
5/3/2017	<0.001		<0.001	<0.001	0.00058	<0.001
8/4/2017				<0.001		<0.001
8/7/2017		<0.001	<0.001		0.00046 (J)	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	<0.001			<0.001	0.00049 (J)	<0.001
6/20/2018		<0.001		<0.001	0.00038 (J)	<0.001
6/21/2018	<0.001					
6/26/2018			<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
1/22/2019				<0.001	0.00047 (J)	<0.001
1/24/2019		<0.001				
1/25/2019			<0.001			
1/31/2019	<0.001					
6/25/2019				<0.001	0.00046 (J)	<0.001
6/26/2019	<0.001	<0.001	<0.001			
9/11/2019			<0.001			
9/12/2019				<0.001	0.00047 (J)	
9/16/2019		<0.001				
9/17/2019	<0.001					<0.001
3/12/2020				<0.001		
3/16/2020		0.00067 (J)				0.00025 (J)
3/17/2020	<0.001				0.00055 (J)	
3/18/2020			0.00037 (J)			
9/10/2020	<0.001	<0.001	<0.001	0.00022 (J)	0.00053 (J)	0.00034 (J)
3/16/2021			<0.001			
3/17/2021		<0.001		<0.001	0.00043 (J)	
3/18/2021	<0.001					<0.001
8/19/2021			0.00032 (J)			
8/20/2021	<0.001					
8/23/2021		<0.001		<0.001	0.00055 (J)	
8/24/2021						<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	<0.001	<0.001	<0.001	<0.001		
8/31/2011					<0.001	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	<0.001	<0.001	<0.001			
1/21/2014				0.0001 (J)	<0.001	<0.001
6/24/2014			<0.001	<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001				
1/13/2015	<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001				
7/22/2015	<0.001					
7/23/2015			<0.001	<0.001	<0.001	<0.001
1/26/2016						<0.001
1/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001	<0.001				
5/26/2016			<0.001	<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	<0.001				
9/16/2016	<0.001					
9/19/2016		<0.001	<0.001	<0.001		
9/20/2016					<0.001	<0.001
11/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017	<0.001	<0.001	<0.001			
2/2/2017				<0.001	<0.001	<0.001
3/24/2017	<0.001	<0.001	<0.001	<0.001		
3/28/2017					<0.001	<0.001
5/3/2017	<0.001	<0.001	<0.001	<0.001		
5/4/2017					<0.001	<0.001
8/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/25/2018	<0.001	<0.001	<0.001	<0.001		
1/26/2018					<0.001	<0.001
6/20/2018	<0.001					<0.001
6/21/2018			<0.001	<0.001	<0.001	
6/26/2018		<0.001				
1/24/2019		<0.001				<0.001
1/25/2019	<0.001					
1/28/2019			<0.001	<0.001	<0.001	
6/25/2019	<0.001	<0.001			<0.001	<0.001
6/26/2019				<0.001		
6/27/2019			<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
9/11/2019	<0.001	<0.001	<0.001		<0.001	0.00026 (J)
9/12/2019				<0.001		
3/17/2020	<0.001	<0.001	<0.001			
3/18/2020				<0.001	<0.001	<0.001
9/11/2020	<0.001					
9/14/2020		<0.001	<0.001			
9/15/2020				<0.001	<0.001	<0.001
3/16/2021		<0.001	<0.001		0.00035 (J)	0.00034 (J)
3/17/2021	<0.001			0.00033 (J)		
8/19/2021						0.00052 (J)
8/20/2021	<0.001	<0.001				
8/24/2021			<0.001	<0.001	<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	<0.001					
9/16/2011		<0.001				
9/17/2011				<0.001	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	<0.001	<0.001				
1/22/2013	<0.001	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	<0.001					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	<0.001					
1/22/2014		<0.001				
1/23/2014				<0.001	<0.001	0.0001 (J)
6/25/2014	<0.001					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	0.0001
1/14/2015	<0.001					
7/23/2015	<0.001					
1/20/2016			<0.001			
1/21/2016		<0.001		<0.001		
1/22/2016						0.000193 (J)
1/25/2016					<0.001	
1/26/2016	<0.001					
3/23/2016						<0.001
3/24/2016					<0.001	
3/28/2016				<0.001		
3/29/2016		<0.001				
3/30/2016			<0.001			
3/31/2016	<0.001					
5/24/2016						<0.001
5/25/2016		<0.001	<0.001	<0.001	<0.001	
5/26/2016	<0.001					
7/26/2016	<0.001				<0.001	0.00017 (J)
7/27/2016		<0.001	<0.001	<0.001		
9/16/2016			<0.001			
9/19/2016				<0.001	<0.001	0.00016 (J)
9/20/2016	<0.001	<0.001				
11/11/2016						<0.001
11/14/2016					<0.001	
11/15/2016				<0.001		
11/17/2016	<0.001					
11/18/2016		<0.001	<0.001			
1/19/2017					<0.001	
1/20/2017						0.00016 (J)
1/24/2017				<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
2/3/2017	<0.001	<0.001	<0.001			
3/16/2017					<0.001	0.00017 (J)
3/23/2017				<0.001		
3/28/2017	<0.001	<0.001				
3/29/2017			<0.001			
4/28/2017						0.00018 (J)
5/1/2017					<0.001	
5/2/2017				<0.001		
5/3/2017	<0.001					
5/4/2017		<0.001	<0.001			
8/3/2017				<0.001	<0.001	0.00016 (J)
8/8/2017	<0.001	<0.001	<0.001			
1/19/2018						0.00016 (J)
1/22/2018					<0.001	
1/25/2018	<0.001	<0.001	<0.001	<0.001		
6/20/2018	<0.001	<0.001				
6/27/2018			<0.001	<0.001	<0.001	0.00015 (J)
1/24/2019	<0.001			<0.001	<0.001	0.0002 (J)
1/25/2019		<0.001				
1/31/2019			<0.001			
6/25/2019	<0.001			<0.001	<0.001	
6/26/2019		<0.001	<0.001			0.00019 (J)
9/10/2019	<0.001					
9/11/2019			0.00023 (J)	0.00028 (J)		
9/12/2019		<0.001			<0.001	0.00021 (J)
3/12/2020			<0.001	<0.001		0.0002 (J)
3/13/2020					<0.001	
3/18/2020	0.00066 (J)	0.00024 (J)				
9/9/2020						0.00017 (J)
9/10/2020	<0.001	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.00052 (J)					
3/17/2021				0.00015 (J)	<0.001	
3/18/2021		0.00051 (J)	0.00025 (J)			0.00021 (J)
8/19/2021	0.00025 (J)		<0.001	<0.001	<0.001	
8/23/2021		<0.001				0.00018 (J)

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	<0.001	<0.001	0.0002 (J)	<0.001	
6/25/2014					<0.001	0.0001
7/1/2014	<0.001	<0.001	<0.001			
1/14/2015					<0.001	<0.001
1/19/2016	<0.001					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	0.000227 (J)		
3/23/2016	<0.001		<0.001	<0.001		
3/24/2016					<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	0.000242 (J)		
5/25/2016		<0.001				
7/21/2016	<0.001				<0.001	<0.001
7/22/2016			<0.001	0.00022 (J)		
7/27/2016		<0.001				
9/15/2016					<0.001	<0.001
9/16/2016			<0.001	0.00021 (J)		
9/20/2016	<0.001					
11/14/2016	<0.001					
11/15/2016			<0.001		<0.001	<0.001
11/17/2016				0.00017 (J)		
1/24/2017	<0.001					
1/25/2017		<0.001		<0.001	<0.001	
1/26/2017			<0.001			<0.001
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			
5/1/2017	<0.001			0.00018 (J)	<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
5/2/2017		<0.001	<0.001			<0.001
7/19/2017		<0.001				
8/3/2017			<0.001		<0.001	<0.001
8/4/2017	<0.001	<0.001		0.00016 (J)		
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				
1/21/2019						<0.001
1/28/2019					<0.001	
1/30/2019	<0.001		<0.001	<0.001		
1/31/2019		<0.001				
6/26/2019		<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	<0.001		<0.001
3/11/2020	<0.001				<0.001	<0.001
3/12/2020				0.00035 (J)		
3/17/2020		0.00017 (J)				
3/18/2020			<0.001			
9/10/2020	0.00021 (J)					
9/11/2020		<0.001			<0.001	0.0004 (J)
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			<0.001			
3/18/2021	<0.001			<0.001		
8/18/2021						<0.001
8/23/2021	<0.001					
8/24/2021			<0.001	0.00032 (J)	<0.001	
8/25/2021		<0.001				

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/23/2012		<0.001			
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	<0.001
1/15/2014	<0.001	<0.001			
6/24/2014			<0.001	<0.001	<0.001
6/25/2014	<0.001	<0.001			
1/13/2015	<0.001				
7/24/2015	<0.001	7E-05 (J)			
1/20/2016	<0.001	6.7E-05 (J)			
1/26/2016			8.5E-05 (J)	<0.001	7.3E-05 (J)
3/28/2016	<0.001	<0.001			
3/29/2016			<0.001	<0.001	<0.001
5/23/2016	<0.001				
5/24/2016		<0.001	<0.001	<0.001	<0.001
7/21/2016	<0.001	<0.001			
7/22/2016			<0.001		
7/25/2016					<0.001
7/26/2016				<0.001	
9/15/2016	<0.001	<0.001	<0.001		
9/19/2016				<0.001	0.00026 (J)
11/15/2016	<0.001				
11/16/2016		0.00012 (J)	<0.001	9E-05 (J)	0.00015 (J)
1/26/2017	<0.001	<0.001	<0.001	0.00012 (J)	
1/31/2017					<0.001
3/22/2017	<0.001	<0.001	<0.001		
3/23/2017				<0.001	<0.001
5/2/2017	<0.001	<0.001	<0.001		<0.001
5/3/2017				0.00016 (J)	
8/3/2017	<0.001	<0.001			
8/4/2017			<0.001		
8/7/2017				0.0001 (J)	<0.001
1/23/2018	<0.001	<0.001	<0.001		
1/24/2018				<0.001	<0.001
6/21/2018				<0.001	<0.001
6/25/2018	<0.001	0.00011 (J)	<0.001		
1/21/2019			<0.001		
1/22/2019				<0.001	<0.001
1/30/2019	<0.001	<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
6/25/2019			<0.001	<0.001	<0.001
6/26/2019	<0.001	<0.001			
9/10/2019			<0.001	<0.001	
9/12/2019	<0.001	0.00017 (J)			
9/16/2019					<0.001
3/12/2020			<0.001	0.00064 (J)	
3/16/2020	<0.001	0.00015 (J)			0.00044 (J)
9/9/2020	<0.001				
9/11/2020		0.00025 (J)			0.00017 (J)
9/14/2020			<0.001	<0.001	
3/16/2021			<0.001	<0.001	0.00017 (J)
3/17/2021	<0.001	<0.001			
8/18/2021		<0.001			
8/19/2021	<0.001		<0.001		
8/20/2021				0.00028 (J)	
8/25/2021					<0.001

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
3/22/2016			69	92		
3/23/2016	<10	41				139
3/31/2016					401	
5/19/2016				99		175
5/20/2016	<10					
5/23/2016			92			
5/24/2016		51				
5/25/2016					150	
7/21/2016	14			100		170
7/25/2016			38			
7/26/2016		8				
7/27/2016					250	
9/14/2016						150
9/15/2016	12		64			
9/16/2016		40				
11/9/2016			80			
11/10/2016		58				180
11/11/2016	4 (J)					
1/17/2017			54	66		130
1/19/2017	<10	28				
3/16/2017	14		40			180
3/17/2017		<10				
4/27/2017			84	92		160
4/28/2017	<10	<10				
7/18/2017				84 (J)		
8/1/2017				60 (J)		
10/3/2017		36	70	46	410	140
10/4/2017	34					
1/19/2018	<10	10	36	4 (J)		
1/22/2018						140
6/19/2018	16	<10	70	66		160
6/20/2018					230	
9/25/2018	24	32	36	80		130
1/17/2019	20	46				160
1/18/2019				81	140	
1/21/2019			58			
6/24/2019	21	72				170
6/25/2019			88	97	130	
9/9/2019	16					
9/10/2019		52	86	120		190
9/11/2019					130	
3/10/2020	12	43	40	50	170	190
9/9/2020	12		43	58	150	170
9/10/2020		40				
3/15/2021	<10	39	54	77	170	120
8/16/2021	15		50			
8/18/2021		50		76	170	150

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/29/2016		163	151	48		
3/30/2016	177				165	94
5/25/2016	181	197	175	61	233	90
7/22/2016			130			
7/25/2016		220				
7/26/2016				40	330	64
7/27/2016	210					
9/15/2016			160	54	350	
9/16/2016	190					
9/19/2016		240				
9/20/2016						72
11/16/2016		200	230			
11/17/2016	240			64	440	46
1/31/2017		110	170	36		
2/1/2017	120				150	70
3/23/2017		140	220	76	250	100
3/24/2017	180					
5/2/2017		180				
5/3/2017	170		150	32	190	84
10/4/2017	230	210	190		520	60
10/5/2017				42		
1/24/2018		130	210			
1/25/2018	190			48	160	86
6/20/2018		140		12	310	64
6/21/2018	32					
6/26/2018			200			
9/27/2018	200	130				
9/28/2018			180			
10/1/2018					250	94
10/2/2018				72		
1/22/2019				42	200	79
1/24/2019		<10				
1/25/2019			170			
1/31/2019	150					
6/25/2019				56	280	99
6/26/2019	46	87	140			
9/11/2019			220			
9/12/2019				73	470	
9/16/2019		190				
9/17/2019	120					75
3/12/2020				56		
3/16/2020		46				100
3/17/2020	140				370	
3/18/2020			200			
9/10/2020	170	160	220	44	390	79
3/16/2021			250			
3/17/2021		170		42	430	
3/18/2021	130					86
8/19/2021			240			
8/20/2021	140					
8/23/2021		190		56	290	
8/24/2021						80

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
3/30/2016	75	97	84	69	88	42
5/25/2016	91	97				
5/26/2016			80	75	65	42
7/25/2016			54	44	80	
7/26/2016						48
7/27/2016	76	110				
9/16/2016	78					
9/19/2016		110	96	74		
9/20/2016					84	56
11/17/2016	110	74	42	34	84	34
2/1/2017	70	100	66			
2/2/2017				96	100	36
3/24/2017	100	110	88	82		
3/28/2017					82	48
5/3/2017	18	28	64	42		
5/4/2017					88	22
10/4/2017		84				
10/5/2017	10		50	50		
10/6/2017					120	70
1/25/2018	56	72	70	60		
1/26/2018					96	52
6/20/2018	84					36
6/21/2018			84	76	78	
6/26/2018		72				
9/27/2018				62	110	56
9/28/2018			74			
10/1/2018	86					
10/2/2018		120				
1/24/2019		82				42
1/25/2019	51					
1/28/2019			77	69	95	
6/25/2019	91	110			100	63
6/26/2019				<10		
6/27/2019			77			
9/11/2019	85	92	64		74	16
9/12/2019				87		
3/17/2020	93	84	90			
3/18/2020				64	78	49
9/11/2020	83					
9/14/2020		91	96			
9/15/2020				51	82	54
3/16/2021		99	93		100	65
3/17/2021	91			67		
8/19/2021						84
8/20/2021	83	98				
8/24/2021			99	85	96	

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/23/2016						46
3/24/2016					48	
3/28/2016				90		
3/29/2016		53				
3/30/2016			39			
3/31/2016	102					
5/24/2016						34
5/25/2016		33	30		42	
5/26/2016	108			75		
7/26/2016	82				20	16
7/27/2016		30	28	78		
9/16/2016			22			
9/19/2016				100	48	52
9/20/2016	100	42				
11/11/2016						56
11/14/2016					40	
11/15/2016				110		
11/17/2016	110					
11/18/2016		4 (J)	28			
1/19/2017					10	
1/20/2017						38
1/24/2017				96		
2/3/2017	110	20	26			
3/16/2017					<10	32
3/23/2017				96		
3/28/2017	98	38				
3/29/2017			28			
4/28/2017						46
5/1/2017					10	
5/2/2017				100		
5/3/2017	98					
5/4/2017		54	30			
10/3/2017						12
10/4/2017					60	
10/5/2017	<10	26	12	86		
1/19/2018						<10
1/22/2018					40	
1/25/2018	98	32	20	100		
6/20/2018	94	54				
6/27/2018			24	60	8	54
9/26/2018				60		
9/27/2018					86	58
9/28/2018			16			
10/1/2018	100	140				
1/24/2019	100			54	34	<10
1/25/2019		<10				
1/31/2019			30			
6/25/2019	110			58	49	
6/26/2019		44	<10			<10
9/10/2019	120					
9/11/2019			<10	53		
9/12/2019		58			61	50

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
3/12/2020			23	76		26
3/13/2020					32	
3/18/2020	93	29				
9/9/2020						52
9/10/2020	100	40				
9/14/2020				44		
9/15/2020			21		43	
3/15/2021	89					
3/17/2021				56	35	
3/18/2021		29	20			34
8/19/2021	120		30	81	50	
8/23/2021		47				30

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/23/2016	51		75	80		
3/24/2016					55	33
3/30/2016		128				
5/20/2016	58					
5/23/2016					61	48
5/24/2016			83			
5/25/2016		118				
7/21/2016	42				32	36
7/22/2016			76			
9/15/2016					62	38
9/16/2016			84			
9/20/2016	52					
11/14/2016	38					
11/15/2016			94		56	44
11/17/2016				140		
1/24/2017	36					
1/25/2017		120		160	<10	
1/26/2017			68			<10
3/17/2017	48					
3/22/2017					58	34
3/23/2017				120		
3/24/2017			110			
5/1/2017	10			72	22	
5/2/2017			76			4 (J)
7/19/2017		100		120		
8/4/2017				90		
8/24/2017				82		
10/3/2017					16	26
10/4/2017	74					
10/5/2017				74		
10/6/2017		120	130			
1/23/2018		70	110	100	64	56
1/24/2018	10					
6/19/2018						28
6/20/2018					<10	
6/21/2018	28					
6/26/2018			66	100		
6/27/2018		92				
10/1/2018						40
10/2/2018			100	120	98	
10/3/2018	42	86				
1/21/2019						17
1/28/2019					33	
1/30/2019	53		91	100		
1/31/2019		160				
6/26/2019		110		100	61	46
6/27/2019	30		47			
9/10/2019	46					
9/11/2019					20	
9/12/2019			100	110		51
3/11/2020	44				36	42
3/12/2020				120		

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
3/17/2020		86				
3/18/2020			120			
9/10/2020	40					
9/11/2020		110			36	32
9/15/2020			92			
9/16/2020				94		
3/16/2021		96			46	42
3/17/2021			79			
3/18/2021	49			93		
8/18/2021						50
8/23/2021	54					
8/24/2021			94	100	44	
8/25/2021		110				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/28/2016	172	92			
3/29/2016			517	172	93
5/23/2016	189				
5/24/2016		115	494	196	162
7/21/2016	170	120			
7/22/2016			430		
7/25/2016					200
7/26/2016				160	
9/15/2016	180	130	460		
9/19/2016				220	340
11/15/2016	180				
11/16/2016		150	500	240	280
1/26/2017	120	74	440	130	
1/31/2017					160
3/22/2017	110	120	440		
3/23/2017				190	230
5/2/2017	140	82	420		150
5/3/2017				160	
10/3/2017	170	100	450		190
10/5/2017				200	
1/23/2018	210	120	390		
1/24/2018				94	160
6/21/2018				210	150
6/25/2018	200	110	400		
9/25/2018		120			
9/26/2018				180	130
10/2/2018			440		
10/3/2018	230				
1/21/2019			340		
1/22/2019				86	68
1/30/2019	220	120			
6/25/2019			400	200	160
6/26/2019	120	41			
9/10/2019			380	220	
9/12/2019	230	170			
9/16/2019					190
3/12/2020			360	140	
3/16/2020	210	110			100
9/9/2020	210				
9/11/2020		160			160
9/14/2020			380	190	
3/16/2021			390	170	100
3/17/2021	180	110			
8/18/2021		140			
8/19/2021	220		380		
8/20/2021				170	
8/25/2021					130

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					<0.001	<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
10/28/2011			<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			
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					
7/23/2012		<0.001				<0.001
1/23/2013		<0.001				<0.001
1/24/2013	<0.001		<0.001	<0.001		
7/17/2013	<0.001					<0.001
7/23/2013			<0.001			
7/24/2013		<0.001		<0.001		
1/15/2014						0.0016 (J)
1/21/2014	<0.001					
1/22/2014		<0.001	0.00072 (J)	<0.001		
6/25/2014	<0.001				<0.001	0.00084 (J)
7/1/2014		0.0012 (J)	<0.001			
7/8/2014				<0.001 (D)		
1/14/2015	<0.001					0.0014 (J)
1/21/2015			<0.001	<0.001		
1/22/2015		0.0013 (J)				
7/21/2015	<0.001		<0.001		<0.001	<0.001
7/22/2015		<0.001		<0.001		
1/19/2016				<0.001 (D)		
1/20/2016		<0.001				<0.001
1/21/2016	<0.001					
1/22/2016			<0.001			
1/17/2017			<0.001	<0.001		<0.001
1/19/2017	<0.001	<0.001				
8/1/2017			<0.001	<0.001 (*)	<0.001	
8/2/2017		<0.001				<0.001
8/3/2017	<0.001					
1/19/2018	<0.001	<0.001	<0.001	<0.001		
1/22/2018						0.002 (J)
6/19/2018	<0.001	0.0024 (J)	<0.001	0.0014 (J)		0.0019 (J)
6/20/2018					<0.001	
1/17/2019	0.0012	0.0016				0.0016
1/18/2019				0.0015	0.0019	
1/21/2019			0.0012			
6/24/2019	0.0028	0.0018				0.002
6/25/2019			0.0025	0.0023	0.0028	
9/9/2019	<0.001					
9/10/2019		0.0011	0.0012	<0.001		<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.0014	
3/10/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001		<0.001	<0.001	0.0018	<0.001
9/10/2020		<0.001				
3/15/2021	<0.001	<0.001	<0.001	0.0017	<0.001	<0.001
8/16/2021	<0.001		0.0011			
8/18/2021		0.0011		0.0012	0.0015	0.0011

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		0.0064	<0.001	<0.001	<0.001	
9/16/2011						<0.001
10/27/2011					<0.001	<0.001
10/28/2011		<0.001	<0.001	<0.001		
12/3/2011					<0.001	<0.001
12/4/2011		<0.001	<0.001	<0.001		
1/24/2012			<0.001	<0.001	<0.001	
2/8/2012						<0.001
2/9/2012		<0.001				
7/11/2012			<0.001	<0.001	<0.001	<0.001
7/18/2012		0.0062				
1/8/2013		<0.001	<0.001	<0.001	<0.001	<0.001
7/2/2013						<0.001
7/9/2013		0.0053				
7/10/2013			<0.001	<0.001	<0.001	
1/15/2014		0.0064				
1/21/2014			<0.001	<0.001	<0.001	<0.001
6/24/2014						<0.001
6/25/2014		0.0064				
7/1/2014			<0.001	<0.001	<0.001	
1/14/2015					<0.001	<0.001
1/21/2015		0.0059	<0.001	<0.001		
7/22/2015					<0.001	<0.001
7/28/2015		0.0054	<0.001	<0.001		
1/25/2016	<0.001					
1/26/2016		0.0019 (J)	<0.001			
1/27/2016				<0.001	<0.001	<0.001
1/31/2017		0.0029	<0.001	0.0015 (J)		
2/1/2017	0.0032				0.002 (J)	0.0016 (J)
8/4/2017				<0.001		<0.001
8/7/2017		0.0024 (J)	<0.001		<0.001	
8/8/2017	<0.001					
1/24/2018		<0.001	<0.001			
1/25/2018	0.003			<0.001	<0.001	0.003
6/20/2018		0.003		<0.001	0.0016 (J)	<0.001
6/21/2018	0.0018 (J)					
6/26/2018			<0.001			
1/22/2019				0.0015	<0.001	0.0012
1/24/2019		0.0032				
1/25/2019			<0.001			
1/31/2019	0.0015					
6/25/2019				0.0021	0.0014	0.0019
6/26/2019	0.0014	0.0035	0.0013			
9/11/2019			0.0011			
9/12/2019				0.0015	0.0012	
9/16/2019		0.0035				
9/17/2019	<0.001					0.0013
3/12/2020				<0.001		
3/16/2020		0.0027				<0.001
3/17/2020	<0.001				<0.001	
3/18/2020			<0.001			
9/10/2020	<0.001	0.0028	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.001			
3/17/2021		0.0029		<0.001	<0.001	
3/18/2021	<0.001					<0.001
8/19/2021			<0.001			
8/20/2021	<0.001					
8/23/2021		0.0025		<0.001	<0.001	
8/24/2021						0.0012

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0028	<0.001	<0.001	<0.001		
8/31/2011					0.0035	<0.001
10/26/2011	<0.001		<0.001	<0.001		
10/27/2011		<0.001			<0.001	<0.001
12/3/2011	<0.001	<0.001	<0.001	<0.001		
12/4/2011					<0.001	<0.001
1/25/2012	<0.001	<0.001				
2/8/2012			<0.001	<0.001	<0.001	<0.001
7/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	
7/17/2012						<0.001
1/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001	
1/9/2013						<0.001
7/2/2013	<0.001					
7/16/2013		<0.001	<0.001	<0.001	<0.001	<0.001
1/14/2014	0.0036 (J)	0.0019 (J)	0.0022 (J)			
1/21/2014				<0.001	<0.001	<0.001
6/24/2014			<0.001	<0.001	0.00089 (J)	<0.001
6/25/2014	0.0033 (J)	0.001 (J)				
1/13/2015	0.0037 (J)		0.00084 (J)	<0.001	0.0013 (J)	<0.001
1/14/2015		0.0014 (J)				
7/22/2015	0.0031 (J)					
7/23/2015			<0.001	0.0016 (J)	0.0027 (J)	<0.001
7/28/2015		0.0027 (J)				
1/26/2016						<0.001
1/27/2016	0.0035 (J)	0.0018 (J)	0.00096 (J)	<0.001	0.0012 (J)	
2/1/2017	0.0067	0.0044	0.0036			
2/2/2017				0.0015 (J)	0.0031	0.0028
8/7/2017	0.005	<0.001	<0.001	0.0016 (J)	0.0041	0.0014 (J)
1/25/2018	0.0058	0.0042	<0.001	0.0021 (J)		
1/26/2018					0.0044	<0.001
6/20/2018	0.0039					<0.001
6/21/2018			<0.001	<0.001	0.0017 (J)	
6/26/2018		0.0023 (J)				
1/24/2019		0.0027				<0.001
1/25/2019	0.0052					
1/28/2019			0.0015	<0.001	0.0019	
6/25/2019	0.0056	0.005			0.0038	0.0021
6/26/2019				0.0023		
6/27/2019			0.0031			
9/11/2019	0.0048	0.0023	0.0017		0.0027	<0.001
9/12/2019				0.0015		
3/17/2020	0.0044	0.0024	0.0015			
3/18/2020				0.0011	0.0016	<0.001
9/11/2020	0.0039					
9/14/2020		0.0017	0.0018			
9/15/2020				0.0012	0.0021	<0.001
3/16/2021		0.0023	0.0017		0.0019	<0.001
3/17/2021	0.004			0.001		
8/19/2021						<0.001
8/20/2021	0.0047	0.0032				
8/24/2021			0.0019	0.0016	0.0018	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.005					
9/16/2011		<0.001				
9/17/2011				0.0074	<0.001	<0.001
10/29/2011	<0.001	<0.001			<0.001	<0.001
10/31/2011				<0.001		
12/13/2011	<0.001	<0.001				
12/14/2011				<0.001	<0.001	<0.001
1/25/2012	<0.001					<0.001
1/31/2012		<0.001				
2/7/2012				<0.001	<0.001	
7/17/2012				<0.001	<0.001	<0.001
7/18/2012	0.0074	<0.001				
1/22/2013	0.0071	<0.001				
1/24/2013					<0.001	<0.001
7/16/2013	0.0075					
7/23/2013		<0.001				
7/24/2013				<0.001	<0.001	<0.001
1/21/2014	0.0061					
1/22/2014		<0.001				
1/23/2014				0.00082 (J)	<0.001	<0.001
6/25/2014	0.007					
7/1/2014		<0.001				
7/8/2014			<0.001	<0.001	<0.001	<0.001
1/14/2015	0.0063					
1/21/2015				0.0013 (J)	<0.001	<0.001
1/22/2015		<0.001				
7/23/2015	0.0066					
7/29/2015		0.0011 (J)				
7/30/2015				0.0018 (J)		<0.001
7/31/2015			<0.001		<0.001	
1/20/2016			<0.001			
1/21/2016		<0.001		0.0017 (J)		
1/22/2016						<0.001
1/25/2016					<0.001	
1/26/2016	0.0058					
1/19/2017					<0.001	
1/20/2017						<0.001
1/24/2017				0.0077		
2/3/2017	0.0082	0.0016 (J)	0.0015 (J)			
8/3/2017				<0.001	<0.001	<0.001
8/8/2017	0.0058	<0.001	<0.001			
1/19/2018						<0.001
1/22/2018					<0.001	
1/25/2018	0.0063	0.0014 (J)	<0.001	<0.001		
6/20/2018	0.006	<0.001				
6/27/2018			<0.001	<0.001	<0.001	<0.001
1/24/2019	0.0065			0.0018	0.0013	<0.001
1/25/2019		0.0012				
1/31/2019			0.0015			
6/25/2019	0.0092			0.0019	0.0024	
6/26/2019		0.0019	0.0014			0.0011
9/10/2019	0.0082					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			<0.001	0.0013		
9/12/2019		0.001			0.0014	<0.001
3/12/2020			<0.001	0.0011		<0.001
3/13/2020					<0.001	
3/18/2020	0.0069	<0.001				
9/9/2020						<0.001
9/10/2020	0.0061	<0.001				
9/14/2020				<0.001		
9/15/2020			<0.001		<0.001	
3/15/2021	0.0068					
3/17/2021				<0.001	<0.001	
3/18/2021		0.001	<0.001			<0.001
8/19/2021	0.0063		<0.001	<0.001	<0.001	
8/23/2021		<0.001				<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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				
10/28/2011	<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			
2/1/2012			<0.001	<0.001	<0.001	<0.001
2/7/2012		<0.001				
2/8/2012	<0.001					
7/16/2012					<0.001	<0.001
7/17/2012			<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					
7/2/2013						<0.001
7/17/2013				<0.001	<0.001	
7/24/2013	<0.001		<0.001			
1/21/2014						<0.001
1/23/2014	<0.001	0.00068 (J)	<0.001	<0.001	<0.001	<0.001
6/25/2014					<0.001	<0.001
7/1/2014	<0.001	<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				
7/28/2015						<0.001
7/29/2015				<0.001	<0.001	
7/30/2015	<0.001		<0.001			
1/19/2016	0.001 (J)					
1/21/2016					<0.001	<0.001
1/25/2016		<0.001	<0.001	<0.001		
1/24/2017	0.0059					
1/25/2017		0.0043		0.0052	0.0055	
1/26/2017			0.0016 (J)			0.0026
8/3/2017			<0.001		<0.001	<0.001
8/4/2017	0.0018 (J)	<0.001		<0.001		
1/23/2018		0.0023 (J)	0.003	0.003	<0.001	0.0022 (J)
1/24/2018	<0.001					
6/19/2018						0.0019 (J)
6/20/2018					<0.001	
6/21/2018	0.0031					
6/26/2018			<0.001	<0.001		
6/27/2018		<0.001				
1/21/2019						0.0011
1/28/2019					<0.001	
1/30/2019	0.0021		0.0012	0.0014		
1/31/2019		0.0014				
6/26/2019		0.0015		0.0017	0.002	0.0015
6/27/2019	0.0029		0.0021			
9/10/2019	0.0018					

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.0025			<0.001	
9/12/2019			0.0012	0.0014		<0.001
3/11/2020	0.00099 (J)				<0.001	<0.001
3/12/2020				<0.001		
3/17/2020		<0.001				
3/18/2020			<0.001			
9/10/2020	0.0012					
9/11/2020		<0.001			<0.001	<0.001
9/15/2020			<0.001			
9/16/2020				<0.001		
3/16/2021		<0.001			<0.001	<0.001
3/17/2021			0.0011			
3/18/2021	0.0014			<0.001		
8/18/2021						<0.001
8/23/2021	0.0015					
8/24/2021			0.0011	<0.001	<0.001	
8/25/2021		0.001				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.001	<0.001			
9/7/2011			<0.001	<0.001	<0.001
10/27/2011	<0.001				
10/30/2011		<0.001	<0.001	<0.001	<0.001
12/4/2011					<0.001
12/5/2011	<0.001	<0.001	<0.001	<0.001	
1/19/2012				<0.001	<0.001
1/25/2012	<0.001	<0.001	<0.001		
7/18/2012	<0.001		<0.001	<0.001	<0.001
7/24/2012		<0.001			
1/7/2013			<0.001	<0.001	
1/8/2013		<0.001			<0.001
1/9/2013	<0.001				
7/9/2013		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001				
1/14/2014			<0.001	<0.001	0.0022 (J)
1/15/2014	0.0042 (J)	0.002 (J)			
6/24/2014			0.00087 (J)	0.0014 (J)	0.0022 (J)
6/25/2014	0.0022 (J)	<0.001			
1/13/2015	0.004 (J)				
1/20/2015		<0.001	0.00094 (J)	0.0013 (J)	0.0025 (J)
7/24/2015	0.0021 (J)	<0.001			
7/27/2015			<0.001	<0.001	0.0024 (J)
1/20/2016	0.0035 (J)	<0.001			
1/26/2016			0.0011 (J)	<0.001	<0.001
1/26/2017	0.0064	0.0064	0.0057	0.0038	
1/31/2017					<0.001
8/3/2017	0.0031	<0.001			
8/4/2017			<0.001		
8/7/2017				<0.001	<0.001
1/23/2018	0.0062	0.0038	0.0042		
1/24/2018				<0.001	<0.001
6/21/2018				0.0015 (J)	<0.001
6/25/2018	0.0021 (J)	<0.001	0.0035		
1/21/2019			0.003		
1/22/2019				0.0015	0.0014
1/30/2019	0.0031	0.0015			
6/25/2019			0.0035	0.0026	0.002
6/26/2019	0.0033	0.0016			
9/10/2019			0.0024	0.0014	
9/12/2019	0.0031	<0.001			
9/16/2019					0.0014
3/12/2020			0.0019	<0.001	
3/16/2020	0.0028	<0.001			<0.001
9/9/2020	0.0025				
9/11/2020		<0.001			<0.001
9/14/2020			0.0017	<0.001	
3/16/2021			0.0025	0.0014	0.0011
3/17/2021	0.0025	<0.001			
8/18/2021		<0.001			
8/19/2021	0.0026		0.002		
8/20/2021				0.0012	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/25/2021					<0.001

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
8/31/2011					0.0037	<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
10/28/2011			0.0073	0.019		
12/12/2011			0.0053	0.02		
12/13/2011	0.0065					
12/14/2011		0.0077				<0.005
1/25/2012			0.0046			
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					
7/23/2012		0.0043				0.0037
1/23/2013		0.0054				<0.005
1/24/2013	0.0058		0.0049	0.048		
7/17/2013	0.0028					<0.005
7/23/2013			0.0026			
7/24/2013		0.004		0.048		
1/15/2014						0.00085 (J)
1/21/2014	0.0037					
1/22/2014		0.0056	0.0052	0.044		
6/25/2014	0.0026				0.015	0.0014 (J)
7/1/2014		0.004	0.0042			
7/8/2014				0.04 (D)		
1/14/2015	0.003					0.0082
1/21/2015			0.0038	0.037		
1/22/2015		0.0051				
7/21/2015	0.0033		0.0042		0.042	0.0015 (J)
7/22/2015		0.0033		0.031		
1/19/2016				0.035 (D)		
1/20/2016		0.0029				0.0093
1/21/2016	0.0043					
1/22/2016			0.0041			
1/17/2017			<0.005	0.024		0.014 (J)
1/19/2017	0.0077 (J)	<0.005				
8/1/2017			<0.005	0.028	<0.005	
8/2/2017		<0.005				<0.005
8/3/2017	<0.005					
1/19/2018	<0.005	<0.005	<0.005	0.024		
1/22/2018						<0.005
6/19/2018	0.0068 (J)	<0.005	<0.005	0.028		<0.005
6/20/2018					<0.005	
1/17/2019	0.0037 (J)	0.0024 (J)				<0.005
1/18/2019				0.022	0.0088	
1/21/2019			0.0065			
6/24/2019	0.0048 (J)	0.0046 (J)				0.0036 (J)
6/25/2019			0.011	0.041	0.014	
9/9/2019	0.0064					
9/10/2019		0.0064	0.01	0.031		0.006

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-1 (bg)	GWA-2 (bg)	GWA-28 (bg)	GWA-29 (bg)	GWA-3 (bg)	GWA-4 (bg)
9/11/2019					0.02	
3/10/2020	0.0036 (J)	<0.005	0.017	0.034	0.015	0.052
9/9/2020	0.078		0.063	0.025	0.013	<0.005
9/10/2020		<0.005				
3/15/2021	<0.005	<0.005	0.0057	0.024	0.015	0.044
8/16/2021	<0.005		0.0061			
8/18/2021		0.0046 (J)		0.024	0.038	0.0034 (J)

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
9/13/2011		<0.005	<0.005	<0.005	0.0039	
9/16/2011						<0.005
10/27/2011					0.0046	<0.005
10/28/2011		<0.005	<0.005	<0.005		
12/3/2011					0.0028	<0.005
12/4/2011		0.0025	0.0027	0.0028		
1/24/2012			<0.005	<0.005	0.0033	
2/9/2012		<0.005				<0.005
7/11/2012			<0.005	<0.005	<0.005	<0.005
7/18/2012		0.008				
1/8/2013		<0.005	<0.005	<0.005	<0.005	<0.005
7/2/2013						<0.005
7/9/2013		<0.005				
7/10/2013			<0.005	<0.005	<0.005	
1/15/2014		0.00052 (J)				
1/21/2014			0.0019 (J)	0.0026	0.0036	0.0017 (J)
6/24/2014						<0.005
6/25/2014		0.00089 (J)				
7/1/2014			0.0087	0.0014 (J)	0.0018 (J)	
1/14/2015					0.0035	0.0013 (J)
1/21/2015		<0.005	<0.005	0.0018 (J)		
7/22/2015					0.005	<0.005
7/28/2015		0.0021 (J)	<0.005	<0.005		
1/25/2016	0.0027					
1/26/2016		<0.005	<0.005			
1/27/2016				<0.005	0.0094	<0.005
1/31/2017		<0.005	<0.005	<0.005		
2/1/2017	<0.005				0.0084 (J)	<0.005
8/4/2017				<0.005		<0.005
8/7/2017		<0.005	<0.005		0.012 (J)	
8/8/2017	<0.005					
1/24/2018		<0.005	<0.005			
1/25/2018	<0.005			<0.005	0.0095 (J)	<0.005
6/20/2018		<0.005		<0.005	0.012 (J)	<0.005
6/21/2018	<0.005					
6/26/2018			<0.005			
1/22/2019				<0.005	0.0094	<0.005
1/24/2019		<0.005				
1/25/2019			<0.005			
1/31/2019	0.0039 (J)					
6/25/2019				<0.005	0.014	<0.005
6/26/2019	0.0044 (J)	<0.005	<0.005			
9/11/2019			0.0056			
9/12/2019				0.0085	0.019	
9/16/2019		0.005				
9/17/2019	0.013					0.0041 (J)
3/12/2020				<0.005		
3/16/2020		<0.005				<0.005
3/17/2020	0.0044 (J)				0.014	
3/18/2020			<0.005			
9/10/2020	0.13 (o)	0.017	<0.005	0.0036 (J)	0.014	<0.005
12/2/2020	0.011					

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15
3/16/2021			<0.005			
3/17/2021		<0.005		0.0039 (J)	0.014	
3/18/2021	0.004 (J)					<0.005
8/19/2021			<0.005			
8/20/2021	<0.005					
8/23/2021		<0.005		<0.005	0.017	
8/24/2021						<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-16	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21
8/30/2011	0.0081	0.0035	<0.005	0.0035		
8/31/2011					<0.005	0.01
10/26/2011	0.0035	0.0032	0.0025	0.0054		
10/27/2011					0.0038	0.0087
12/3/2011	0.0033	0.0027	0.0027	0.0046		
12/4/2011					0.0028	0.0093
1/25/2012	<0.005	<0.005				
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	<0.005	
7/17/2012						0.009
1/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005	
1/9/2013						0.006
7/2/2013	<0.005					
7/16/2013		<0.005	<0.005	<0.005	<0.005	0.0052
1/14/2014	0.00074 (J)	0.0021 (J)	0.0005 (J)			
1/21/2014				0.0025	0.0018 (J)	0.0066
6/24/2014			0.00099 (J)	0.0014 (J)	0.0006 (J)	0.0059
6/25/2014	0.00071 (J)	0.0012 (J)				
1/13/2015	0.0015 (J)		0.00063 (J)	0.0019 (J)	0.00086 (J)	0.005
1/14/2015		0.0015 (J)				
7/22/2015	<0.005					
7/23/2015			<0.005	0.0025	<0.005	0.0042
7/28/2015		<0.005				
1/26/2016						0.0043
1/27/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
2/1/2017	<0.005	<0.005	<0.005			
2/2/2017				<0.005	<0.005	<0.005
8/7/2017	<0.005	<0.005	<0.005	<0.005	0.013 (J)	<0.005
1/25/2018	<0.005	<0.005	<0.005	<0.005		
1/26/2018					<0.005	<0.005
6/20/2018	<0.005					<0.005
6/21/2018			<0.005	<0.005	<0.005	
6/26/2018		<0.005				
1/24/2019		<0.005				0.0034 (J)
1/25/2019	<0.005					
1/28/2019			0.0033 (J)	0.0049 (J)	0.014	
6/25/2019	<0.005	<0.005			<0.005	0.0039 (J)
6/26/2019				0.0038 (J)		
6/27/2019			<0.005			
9/11/2019	0.0062	0.012	0.0038 (J)		0.0061	0.0068
9/12/2019				0.0086		
3/17/2020	<0.005	<0.005	<0.005			
3/18/2020				0.0078	<0.005	0.0052
9/11/2020	0.0033 (J)					
9/14/2020		0.0048 (J)	0.0053			
9/15/2020				0.0037 (J)	<0.005	0.0052
3/16/2021		<0.005	<0.005		<0.005	0.0033 (J)
3/17/2021	<0.005			0.0056		
8/19/2021						<0.005
8/20/2021	<0.005	<0.005				
8/24/2021			<0.005	0.0034 (J)	<0.005	

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/15/2011	0.0058					
9/16/2011		0.0058				
9/17/2011				0.0028	0.0061	0.0044
10/29/2011	0.0031	0.0032			0.0038	0.0049
10/31/2011				0.003		
12/13/2011	0.0068	0.0074				
12/14/2011				0.0029	0.0033	0.0057
1/25/2012	<0.005					0.0051
1/31/2012		0.0031				
2/7/2012				0.0092	0.0036	
7/17/2012				0.01	0.0028	0.015
7/18/2012	0.0056	0.0054				
1/22/2013	<0.005	0.0061				
1/24/2013					<0.005	0.0041
7/16/2013	<0.005					
7/23/2013		0.0038				
7/24/2013				0.033	<0.005	0.0036
1/21/2014	<0.005					
1/22/2014		0.0035				
1/23/2014				0.015	0.019	0.02
6/25/2014	0.00094 (J)					
7/1/2014		0.0031				
7/8/2014			0.0043	0.011	0.0048	0.0032
1/14/2015	0.00073 (J)					
1/21/2015				0.0057	0.0022 (J)	0.0039
1/22/2015		0.0049				
7/23/2015	<0.005					
7/29/2015		0.0024 (J)				
7/30/2015				0.0072		0.0033
7/31/2015			0.0052		<0.005	
1/20/2016			0.0086			
1/21/2016		<0.005		0.017		
1/22/2016						0.012
1/25/2016					0.0035	
1/26/2016	<0.005					
1/19/2017					0.015 (J)	
1/20/2017						<0.005
1/24/2017				0.0085 (J)		
2/3/2017	<0.005	<0.005	0.0094 (J)			
8/3/2017				<0.005	<0.005	<0.005
8/8/2017	<0.005	<0.005	0.0098 (J)			
1/19/2018						<0.005
1/22/2018					<0.005	
1/25/2018	<0.005	<0.005	<0.005	0.009 (J)		
6/20/2018	<0.005	<0.005				
6/27/2018			<0.005	0.0086 (J)	<0.005	<0.005
1/24/2019	<0.005			0.013	<0.005	0.0041 (J)
1/25/2019		<0.005				
1/31/2019			0.006			
6/25/2019	<0.005			0.01	0.0045 (J)	
6/26/2019		<0.005	0.0062			<0.005
9/10/2019	0.0061					

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-22	GWC-23	GWC-24	GWC-25	GWC-26	GWC-27
9/11/2019			0.0081	0.037		
9/12/2019		0.0042 (J)			0.0059	0.0079
3/12/2020			0.008	0.0089		0.0051
3/13/2020					0.0087	
3/18/2020	<0.005	<0.005				
9/9/2020						0.0079
9/10/2020	<0.005	0.004 (J)				
9/14/2020				0.024		
9/15/2020			0.0073		0.0042 (J)	
3/15/2021	<0.005					
3/17/2021				0.0088	<0.005	
3/18/2021		<0.005	0.0064			<0.005
8/19/2021	<0.005		0.014	0.0076	0.0049 (J)	
8/23/2021		0.032				<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	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		0.02				
10/28/2011	0.0062					
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		
2/1/2012			0.1	0.0033	<0.005	0.0046
2/7/2012		0.0091				
2/8/2012	0.009					
7/16/2012					<0.005	0.0038
7/17/2012			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	0.0066					
7/2/2013						0.0025
7/17/2013				0.0059	<0.005	
7/24/2013	<0.005		0.073			
1/21/2014						0.0036
1/23/2014	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			
1/14/2015					0.0014 (J)	0.0022 (J)
1/20/2015	<0.005		0.033	0.0058		
1/21/2015		0.0081				
7/28/2015						0.0016 (J)
7/29/2015				0.0049	<0.005	
7/30/2015	<0.005		0.029			
1/19/2016	<0.005					
1/21/2016					<0.005	0.0016 (J)
1/25/2016		0.0067	0.037	0.0046		
1/24/2017	<0.005					
1/25/2017		<0.005		<0.005	<0.005	
1/26/2017			0.07			<0.005
8/3/2017			0.059		<0.005	<0.005
8/4/2017	<0.005	0.033		<0.005		
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		0.012 (J)				
1/21/2019						<0.005
1/28/2019					0.0031 (J)	
1/30/2019	<0.005		0.053	0.0096		
1/31/2019		0.008				
6/26/2019		0.011		0.0056	<0.005	<0.005
6/27/2019	<0.005		0.082			
9/10/2019	0.019					

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-30	GWC-31	GWC-32	GWC-33	GWC-34	GWC-35
9/11/2019		0.081			0.0068	
9/12/2019			0.098	0.01		0.0045 (J)
3/11/2020	0.022				0.0032 (J)	0.0034 (J)
3/12/2020				0.0061		
3/17/2020		0.044				
3/18/2020			0.13			
9/10/2020	<0.005					
9/11/2020		0.0094			<0.005	<0.005
9/15/2020			0.07			
9/16/2020				0.012		
3/16/2021		0.014			<0.005	<0.005
3/17/2021			0.081			
3/18/2021	0.078			<0.005		
8/18/2021						<0.005
8/23/2021	<0.005					
8/24/2021			0.022	<0.005	<0.005	
8/25/2021		0.0074				

Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/31/2011	<0.005	0.0037			
9/7/2011			<0.005	0.0029	0.016 (O)
10/27/2011	0.0025				
10/30/2011		0.0043	<0.005	<0.005	0.004
12/4/2011					0.0086
12/5/2011	<0.005	0.0047	<0.005	0.004	
1/19/2012				0.0029	0.0081
1/25/2012	<0.005	<0.005	<0.005		
7/18/2012	<0.005		0.0035	0.006	0.0058
7/24/2012		<0.005			
1/7/2013			0.0033	<0.005	
1/8/2013		<0.005			0.0034
1/9/2013	<0.005				
7/9/2013		<0.005	0.0035	<0.005	<0.005
7/17/2013	0.0043				
1/14/2014			0.0022 (J)	0.002 (J)	0.003
1/15/2014	0.0023 (J)	0.0034			
6/24/2014			0.01	0.0011 (J)	0.0016 (J)
6/25/2014	0.0022 (J)	0.002 (J)			
1/13/2015	0.0027				
1/20/2015		<0.005	0.0018 (J)	0.0018 (J)	0.0021 (J)
7/24/2015	0.002 (J)	0.0017 (J)			
7/27/2015			<0.005	0.0015 (J)	<0.005
1/20/2016	0.0022 (J)	0.0018 (J)			
1/26/2016			0.0016 (J)	<0.005	<0.005
1/26/2017	<0.005	<0.005	<0.005	<0.005	
1/31/2017					<0.005
8/3/2017	<0.005	<0.005			
8/4/2017			<0.005		
8/7/2017				0.0086 (J)	<0.005
1/23/2018	<0.005	<0.005	<0.005		
1/24/2018				<0.005	<0.005
6/21/2018				<0.005	<0.005
6/25/2018	<0.005	<0.005	<0.005		
1/21/2019			<0.005		
1/22/2019				<0.005	<0.005
1/30/2019	<0.005	<0.005			
6/25/2019			<0.005	0.0043 (J)	0.005
6/26/2019	<0.005	0.0033 (J)			
9/10/2019			0.0063	0.0051	
9/12/2019	0.0067	0.049			
9/16/2019					0.0049 (J)
3/12/2020			0.038	0.044	
3/16/2020	0.0033 (J)	0.0032 (J)			0.0094
9/9/2020	<0.005				
9/11/2020		0.0071			0.0055
9/14/2020			0.0041 (J)	0.0079	
3/16/2021			<0.005	0.0045 (J)	0.0048 (J)
3/17/2021	<0.005	<0.005			
8/18/2021		0.0034 (J)			
8/19/2021	<0.005		<0.005		
8/20/2021				0.0046 (J)	

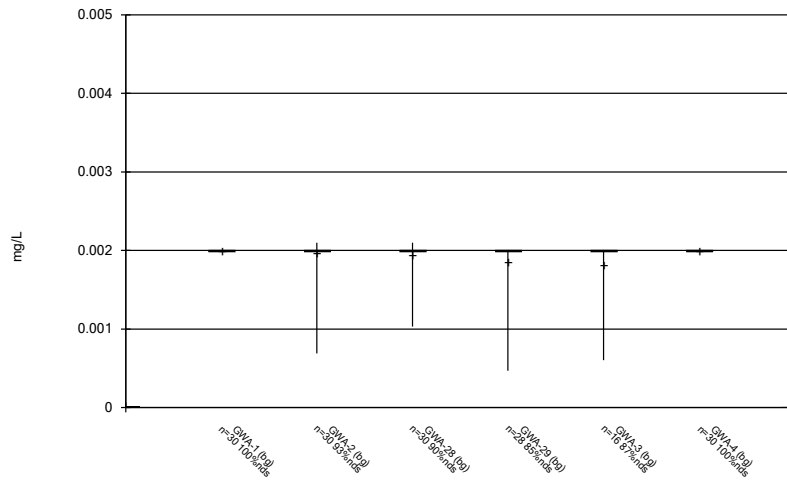
Time Series

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 10:48 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
8/25/2021					<0.005

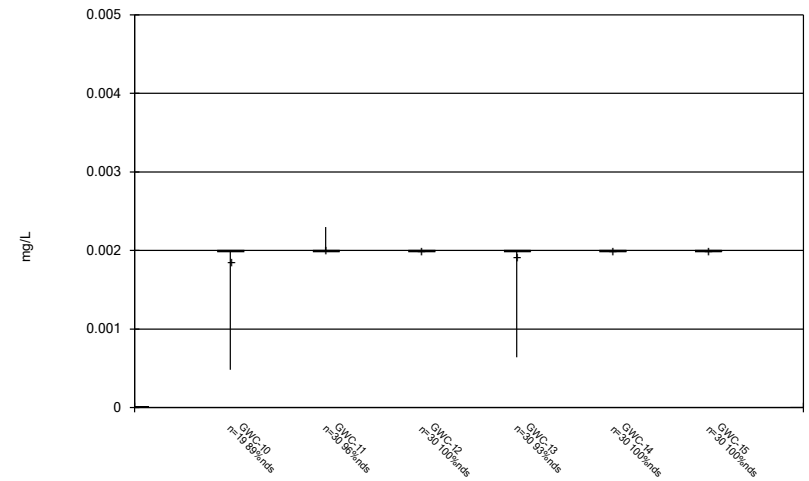
FIGURE B.

Box & Whiskers Plot



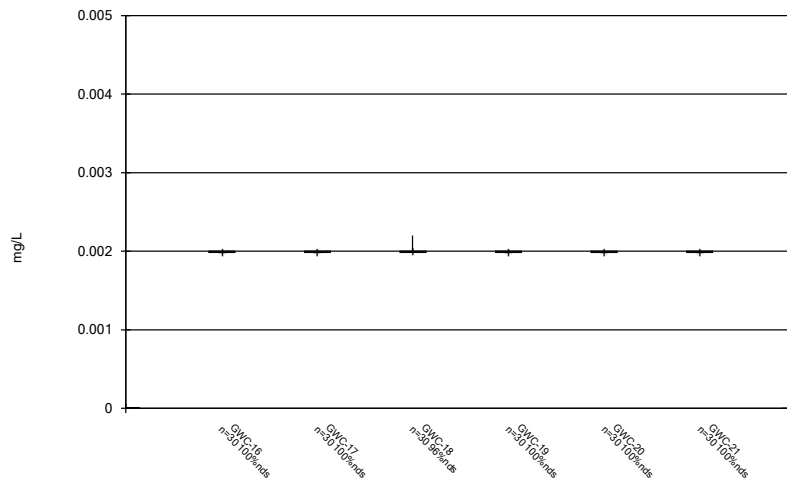
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



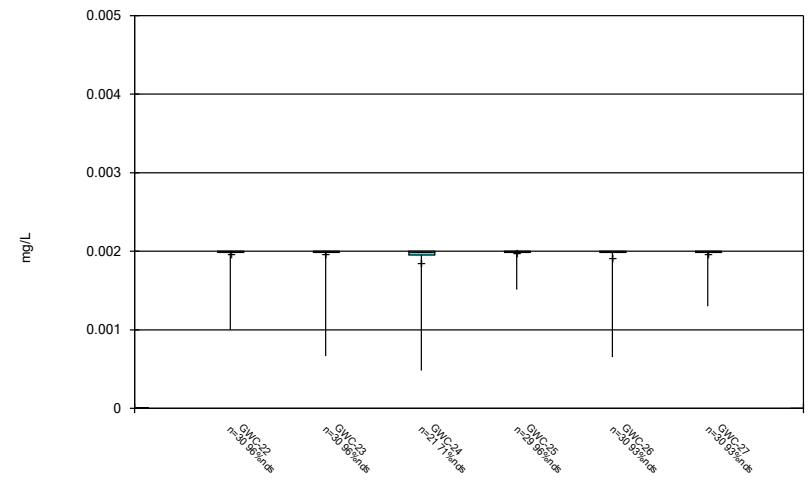
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



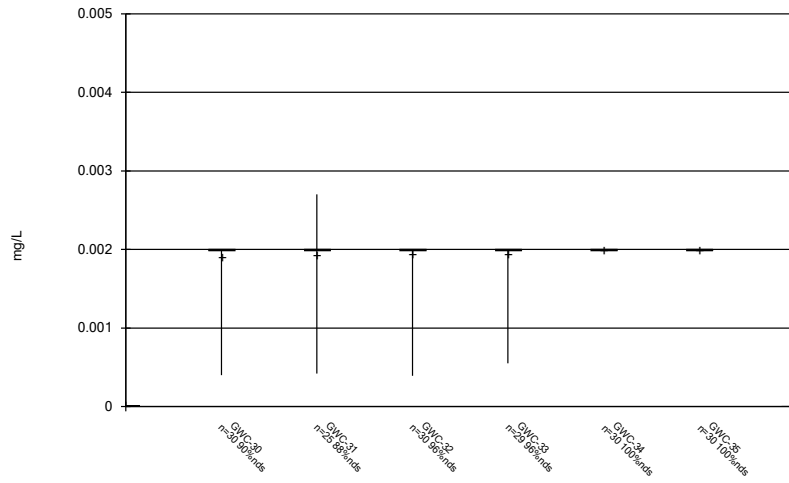
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



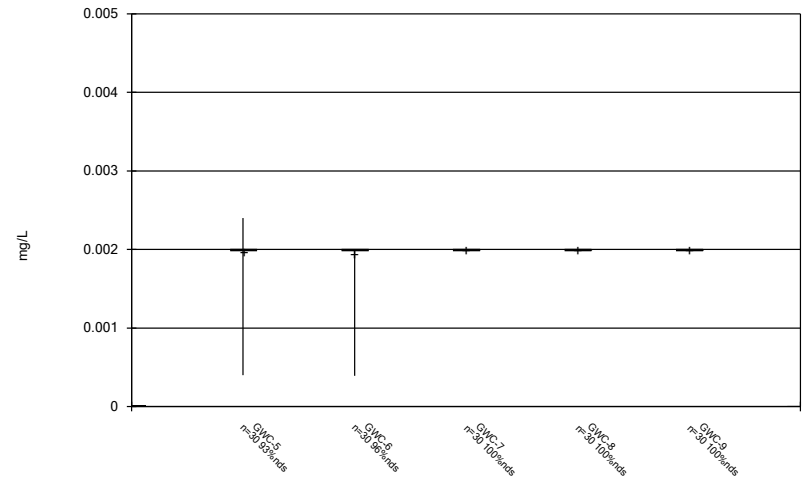
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



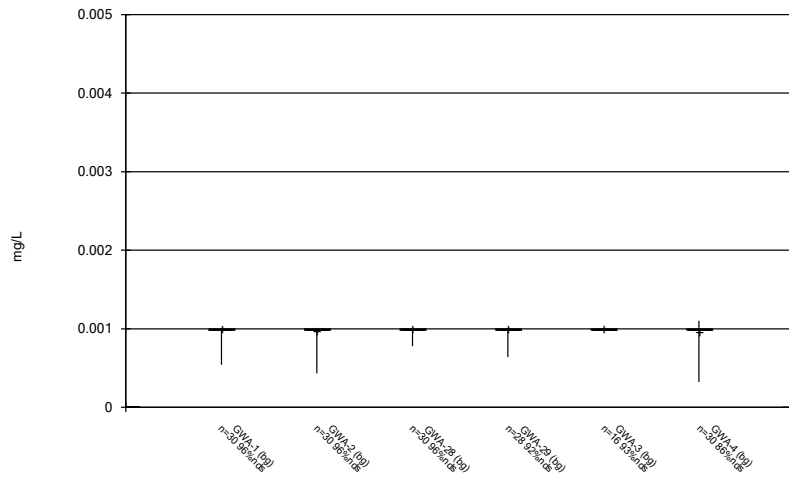
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



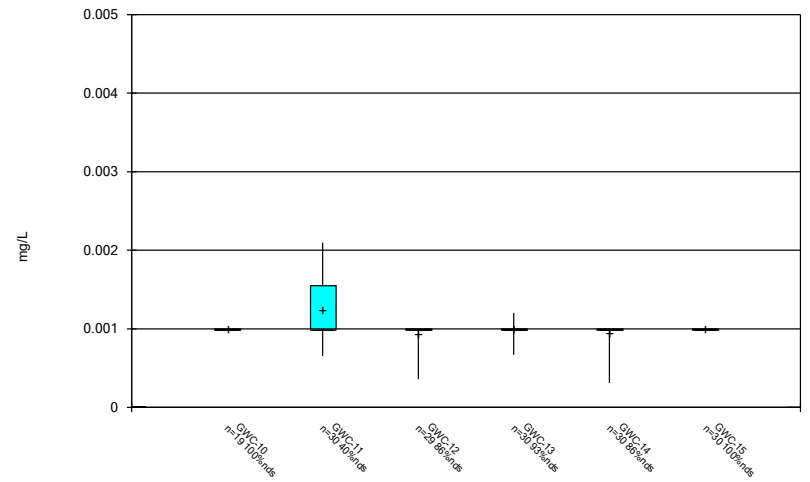
Constituent: Antimony Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



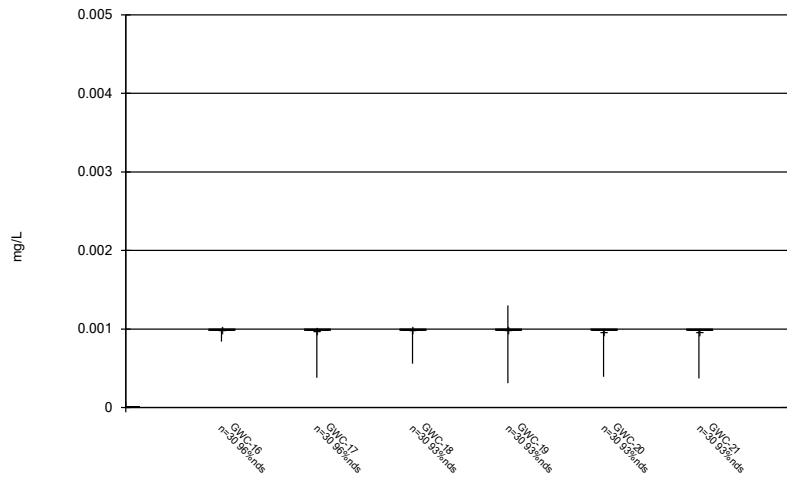
Constituent: Arsenic Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



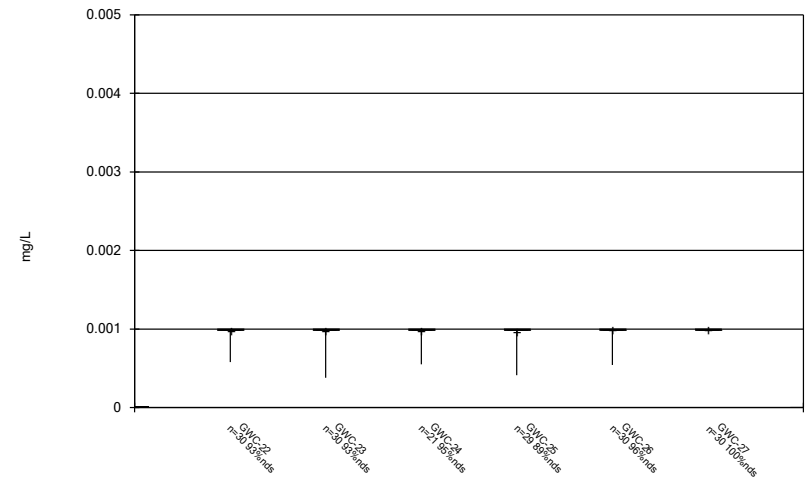
Constituent: Arsenic Analysis Run 10/11/2021 10:49 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



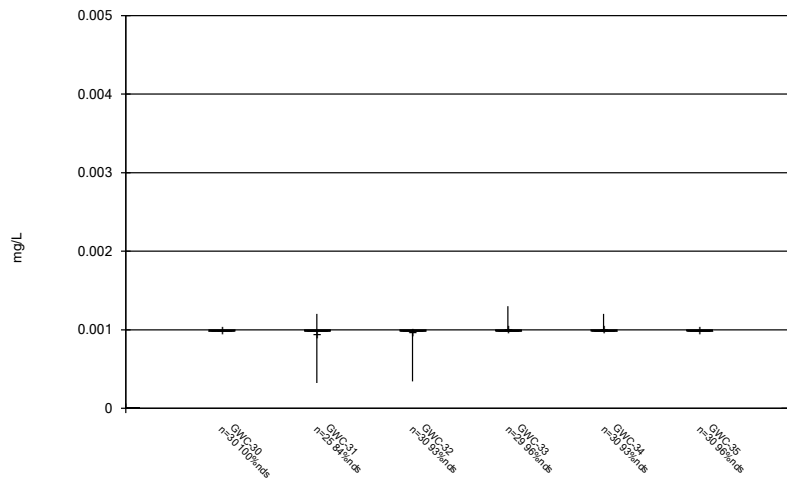
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



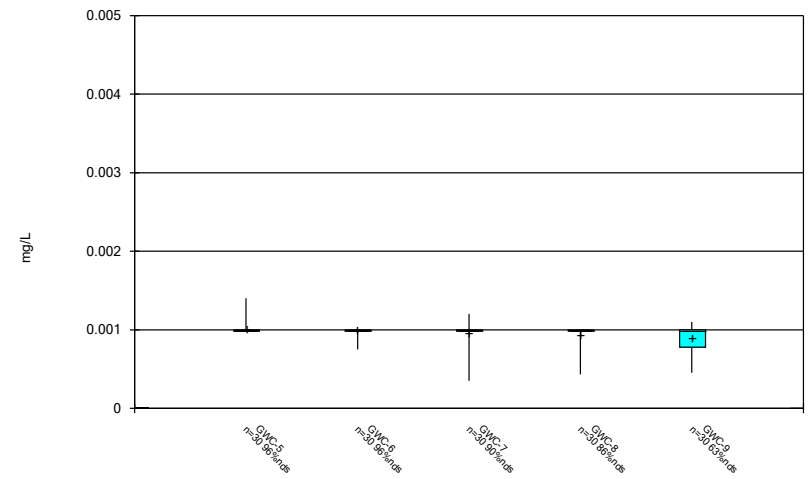
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



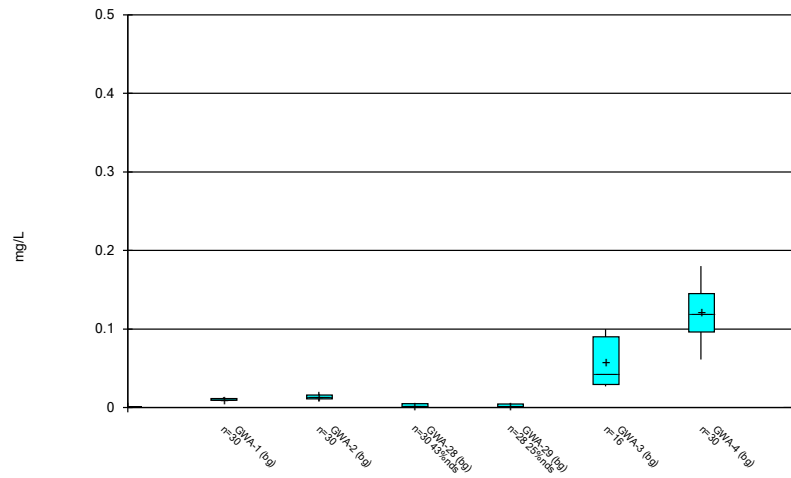
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Box & Whiskers Plot



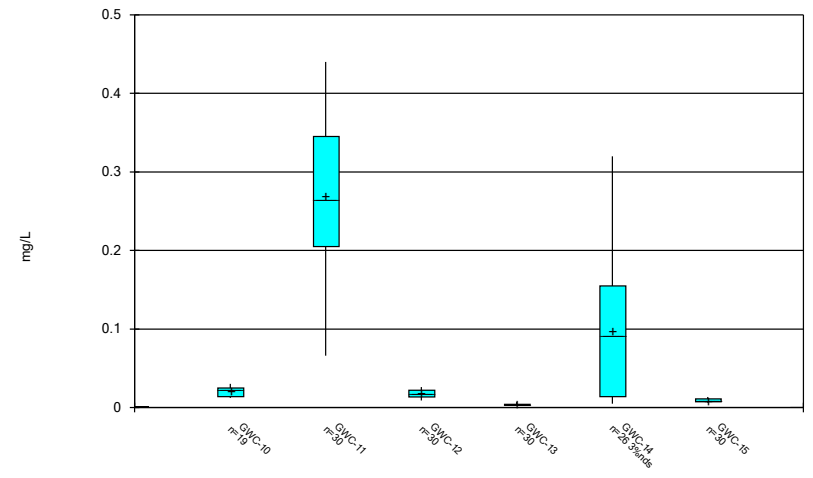
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Box & Whiskers Plot



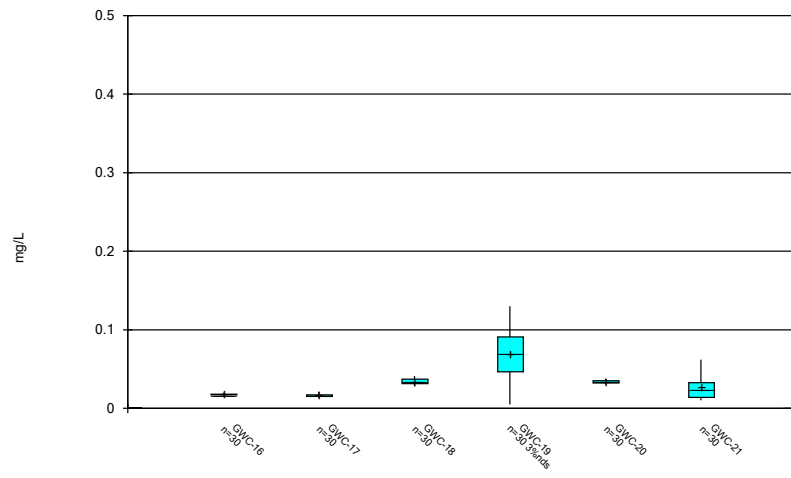
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Box & Whiskers Plot



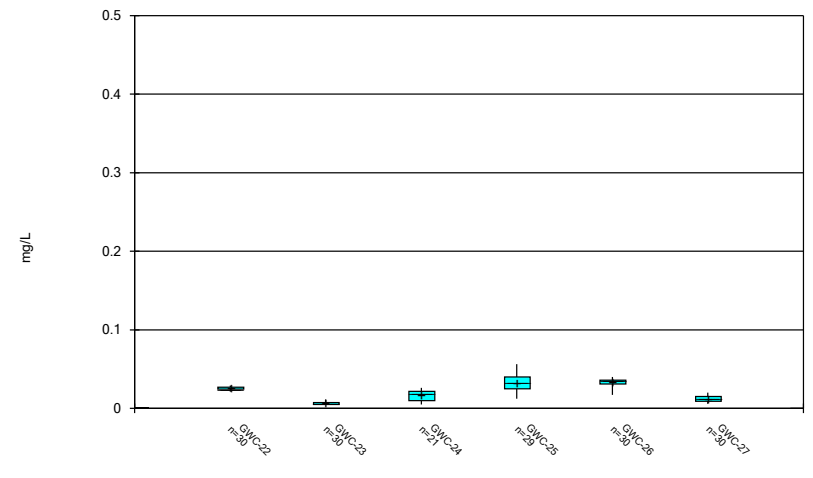
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Box & Whiskers Plot



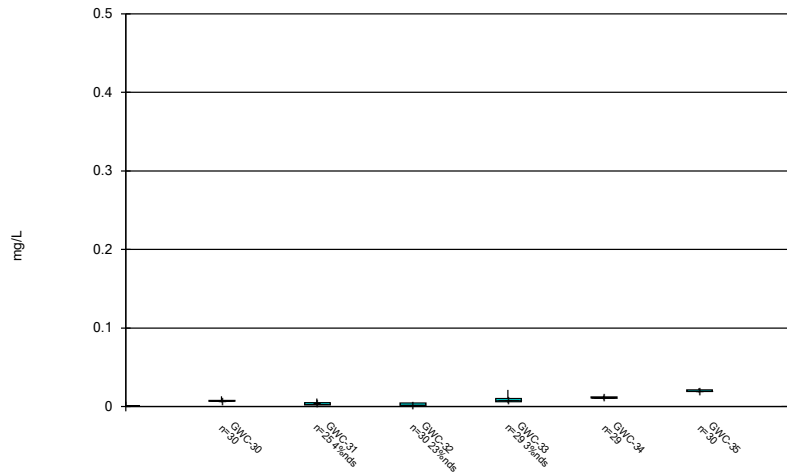
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Box & Whiskers Plot



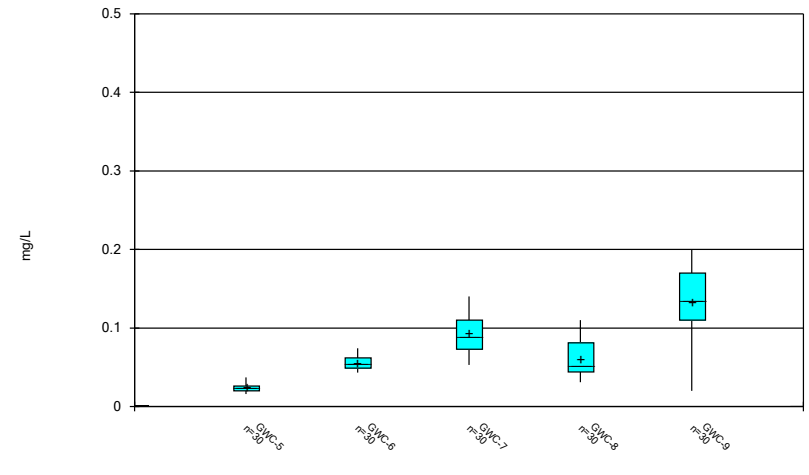
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Box & Whiskers Plot



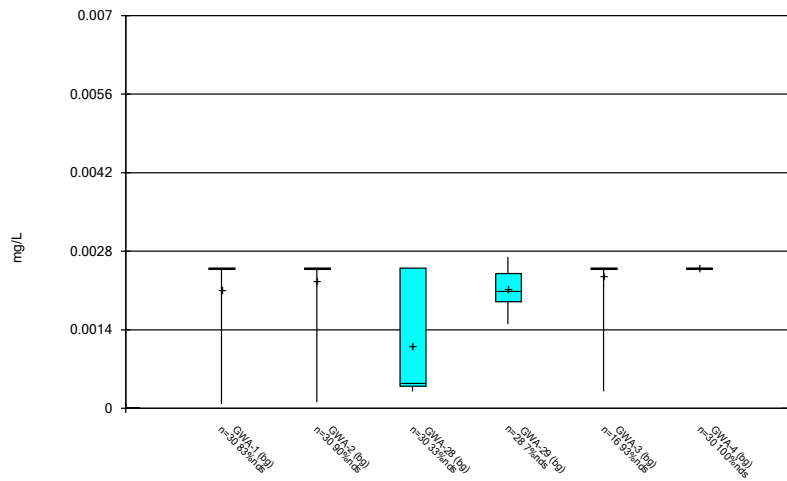
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Box & Whiskers Plot



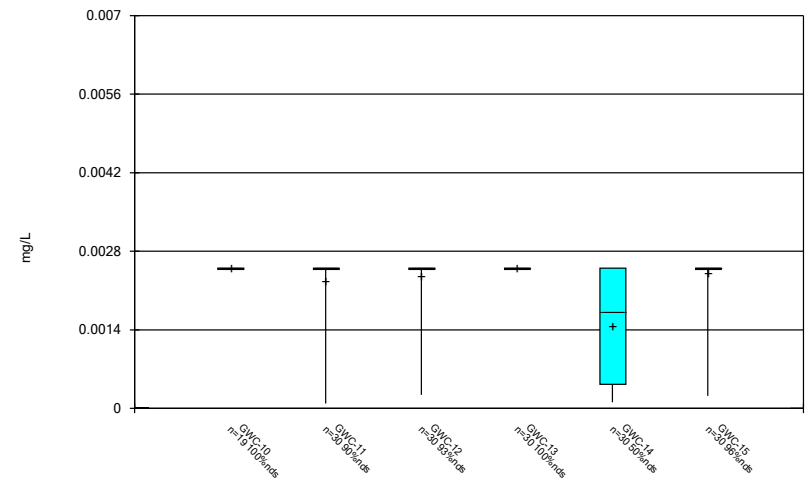
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Box & Whiskers Plot



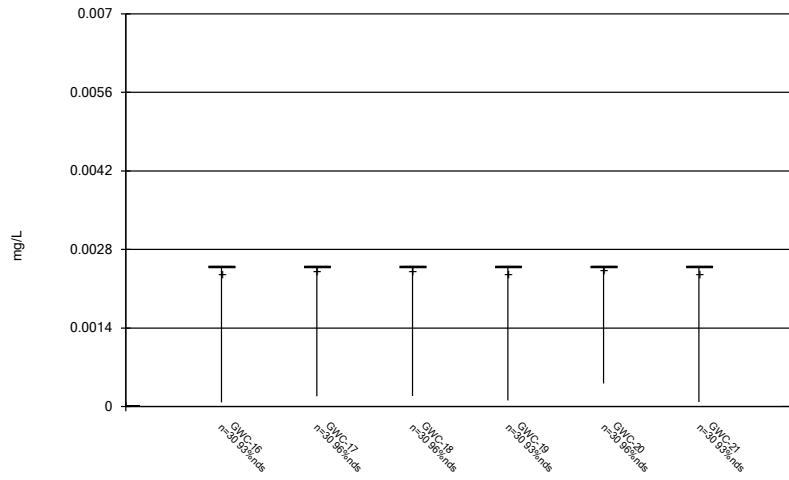
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Box & Whiskers Plot



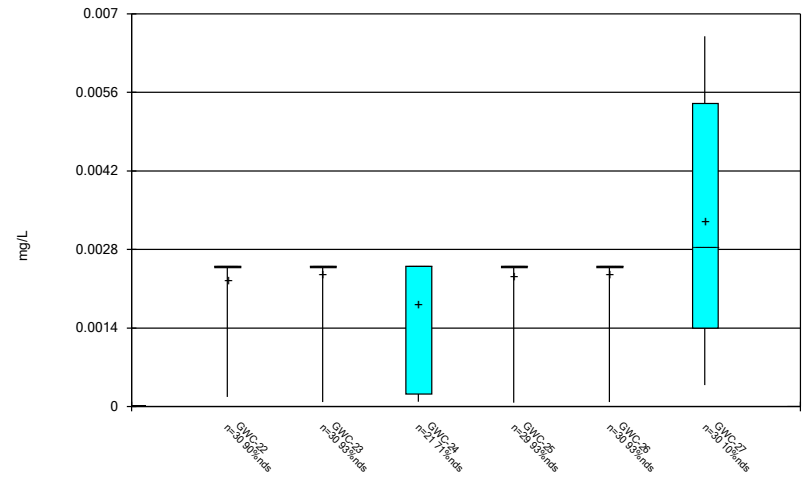
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Box & Whiskers Plot



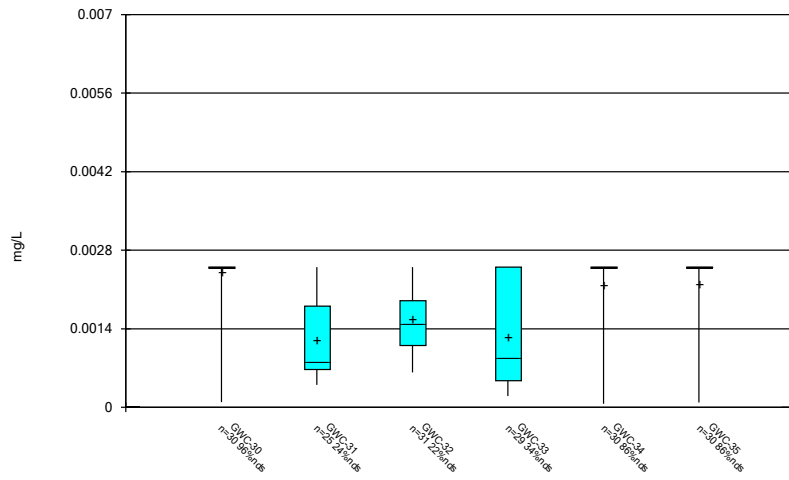
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Box & Whiskers Plot



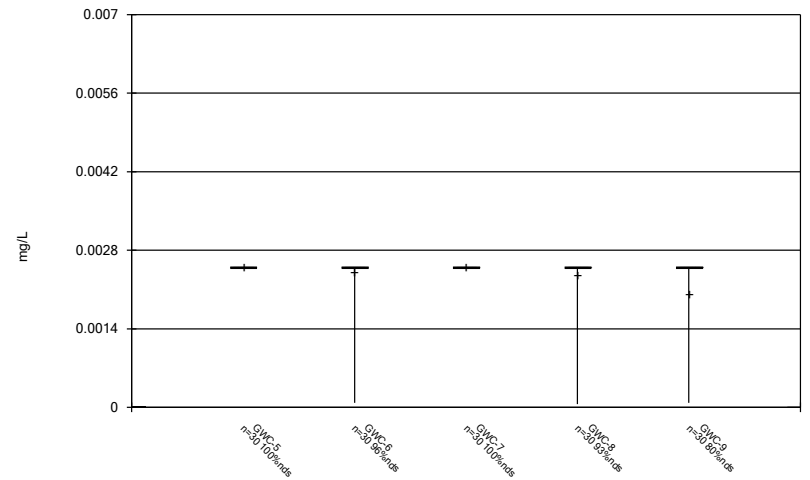
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Box & Whiskers Plot



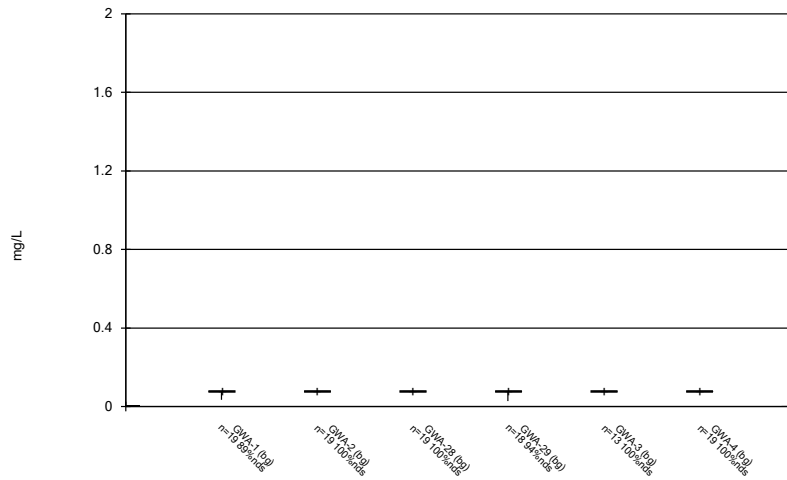
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Box & Whiskers Plot



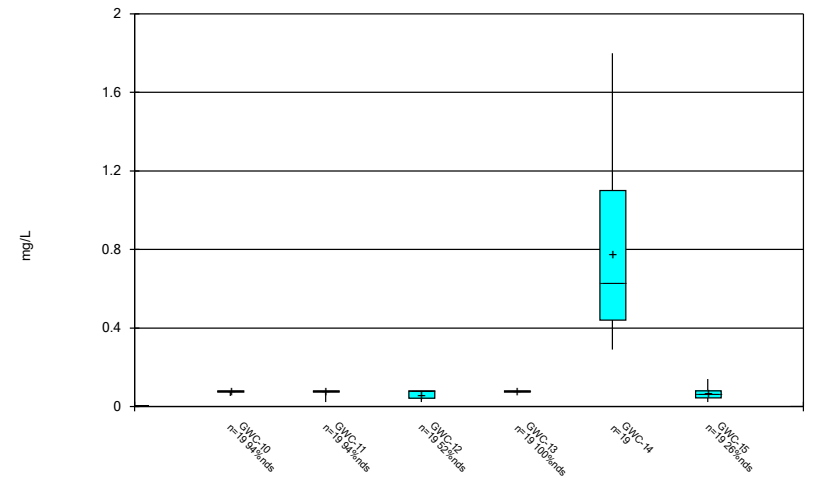
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



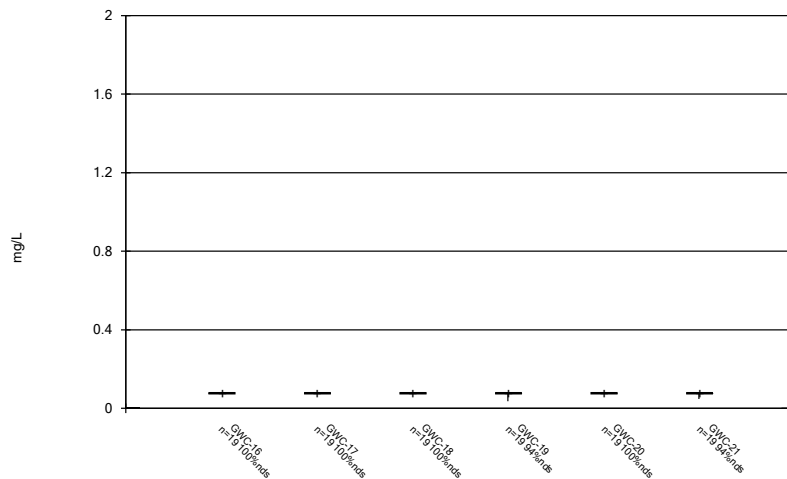
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Box & Whiskers Plot



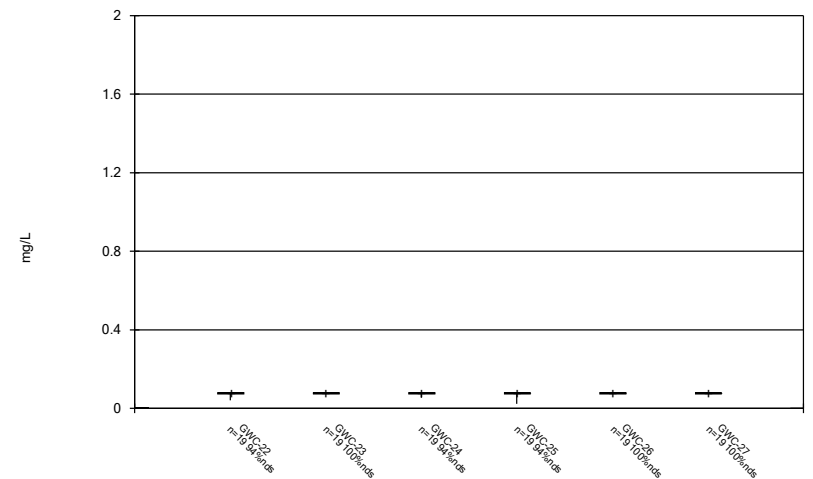
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Box & Whiskers Plot



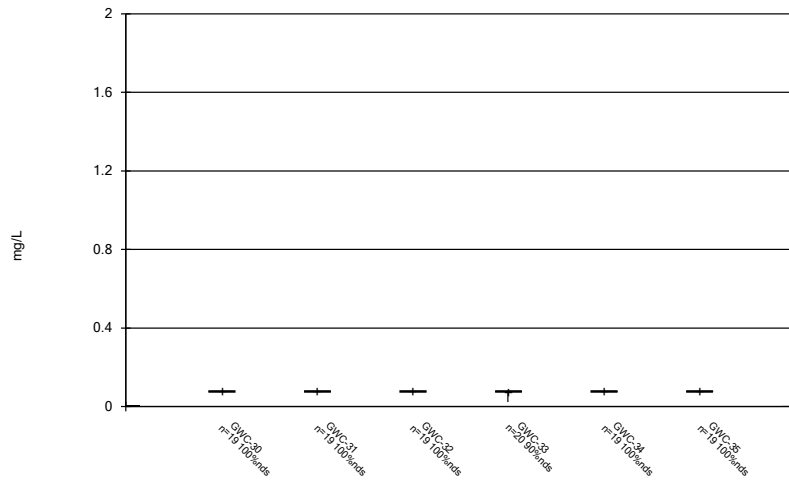
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Box & Whiskers Plot



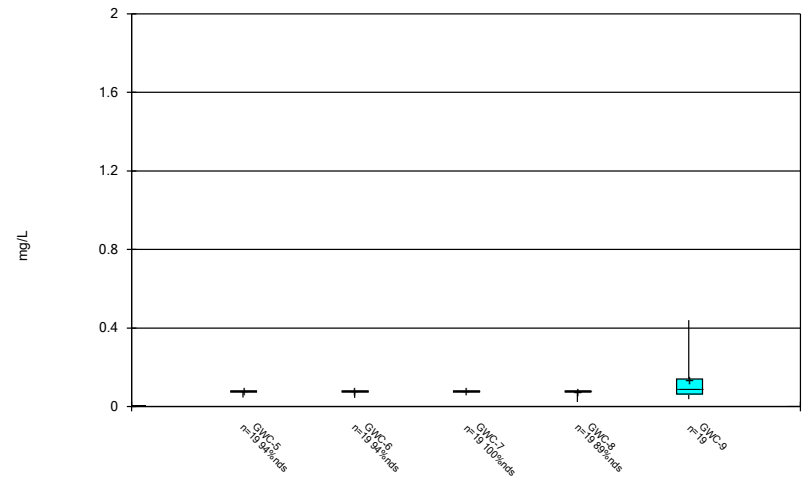
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Box & Whiskers Plot



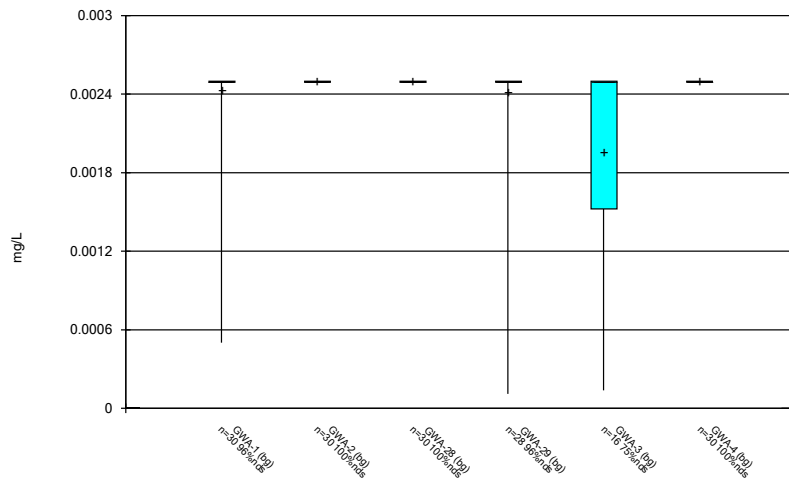
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



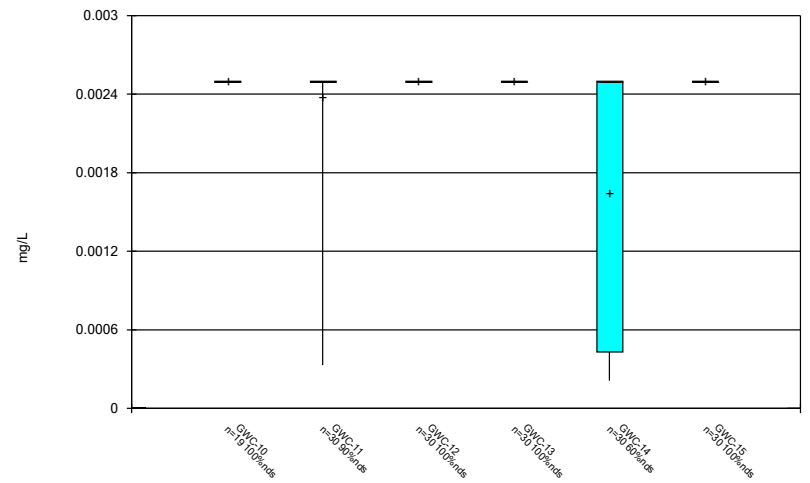
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



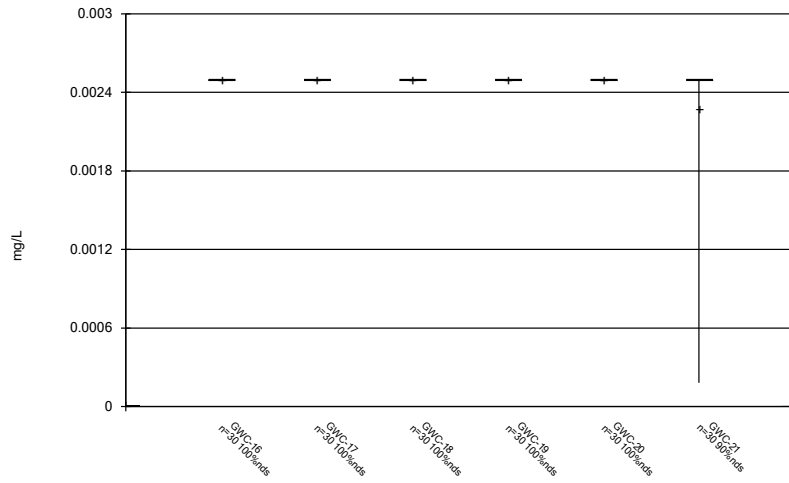
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Box & Whiskers Plot



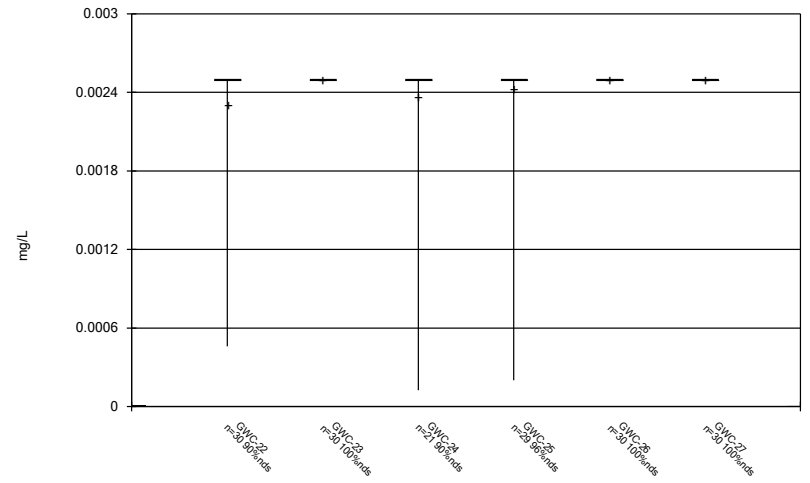
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Box & Whiskers Plot



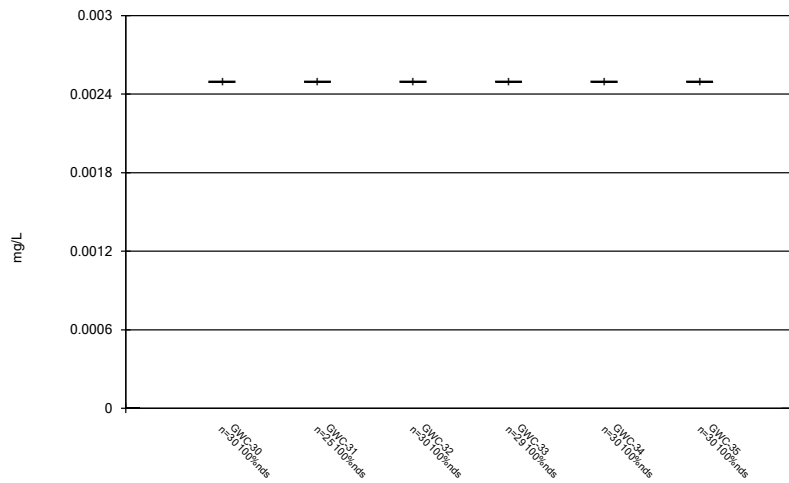
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Box & Whiskers Plot



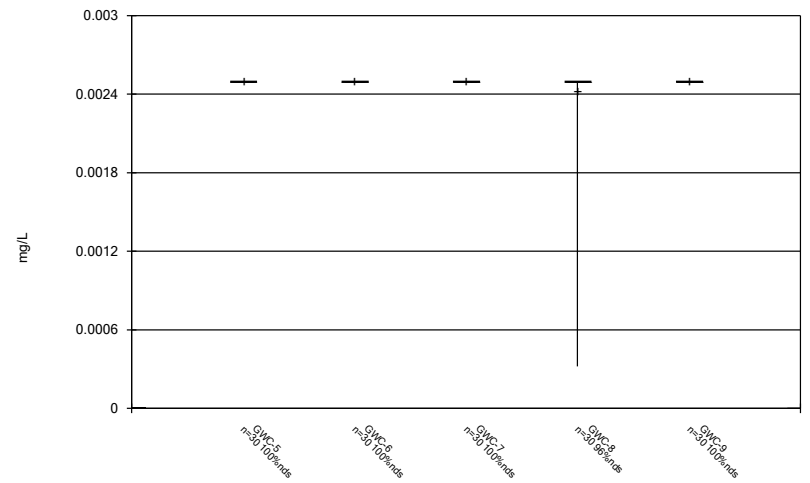
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Box & Whiskers Plot



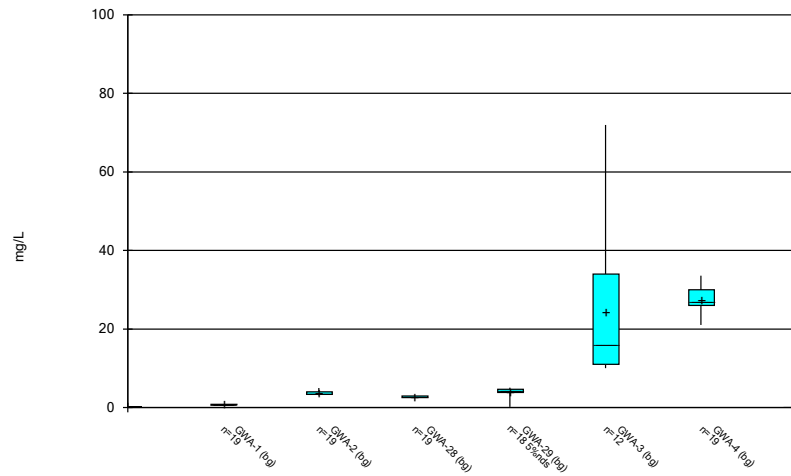
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Box & Whiskers Plot



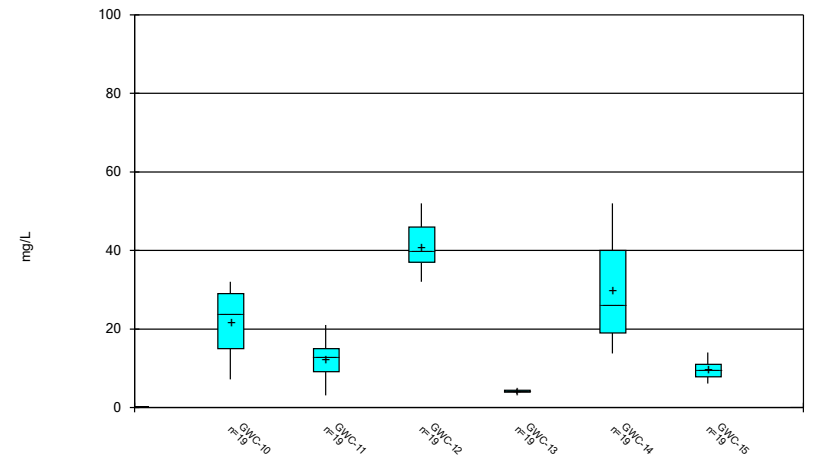
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Box & Whiskers Plot



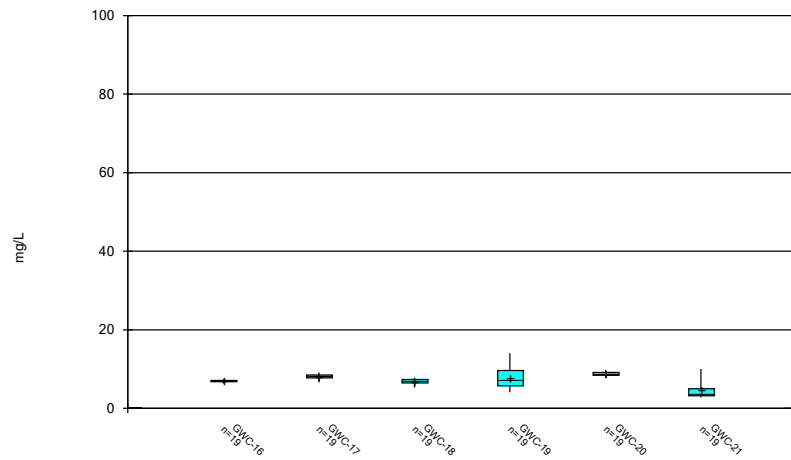
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Box & Whiskers Plot



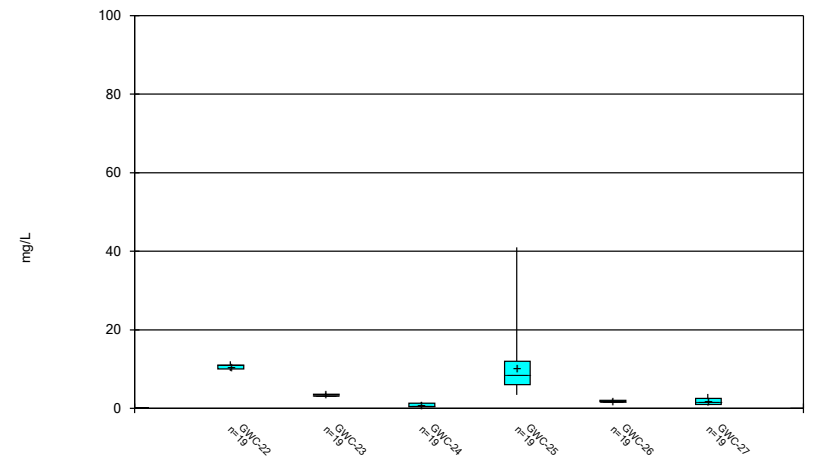
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Box & Whiskers Plot



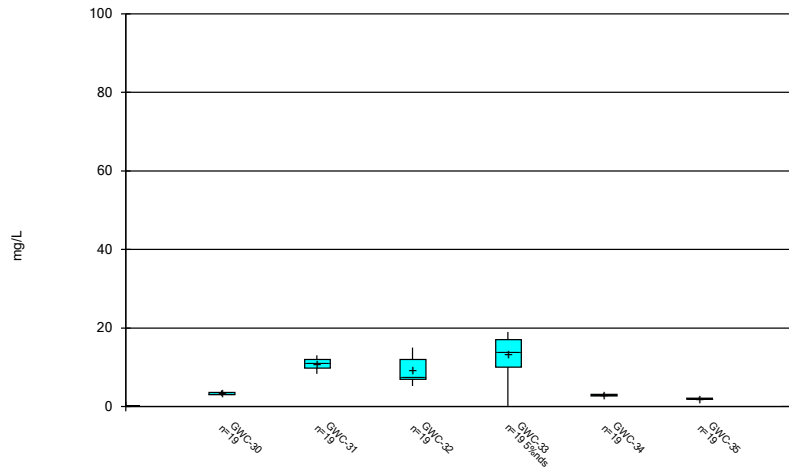
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Box & Whiskers Plot



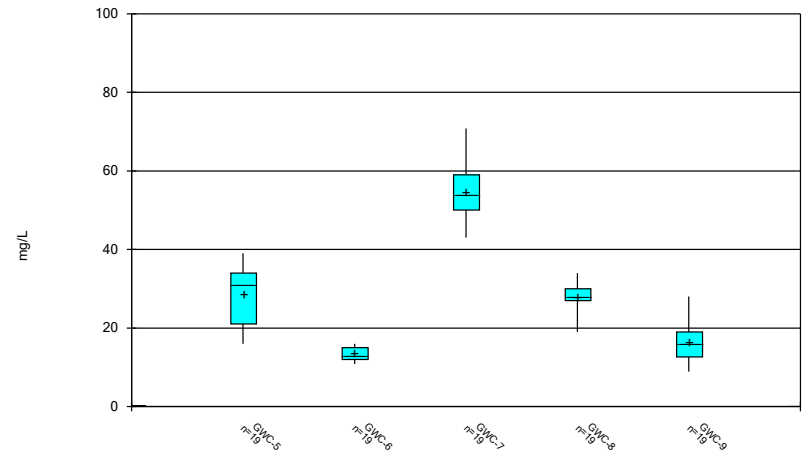
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Box & Whiskers Plot



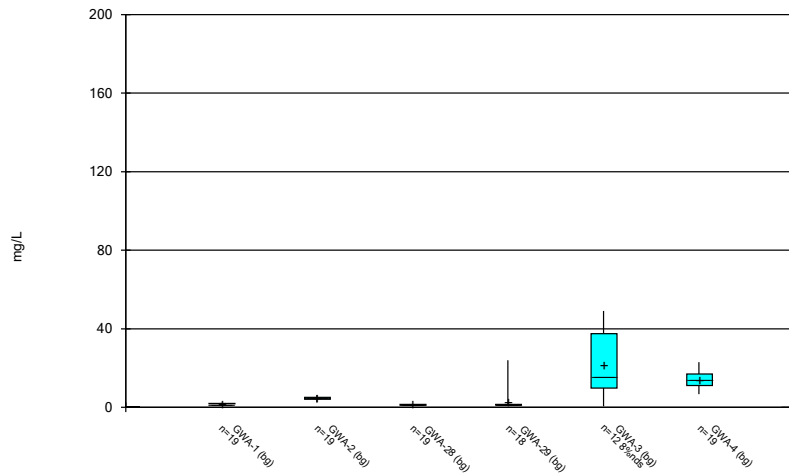
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Box & Whiskers Plot



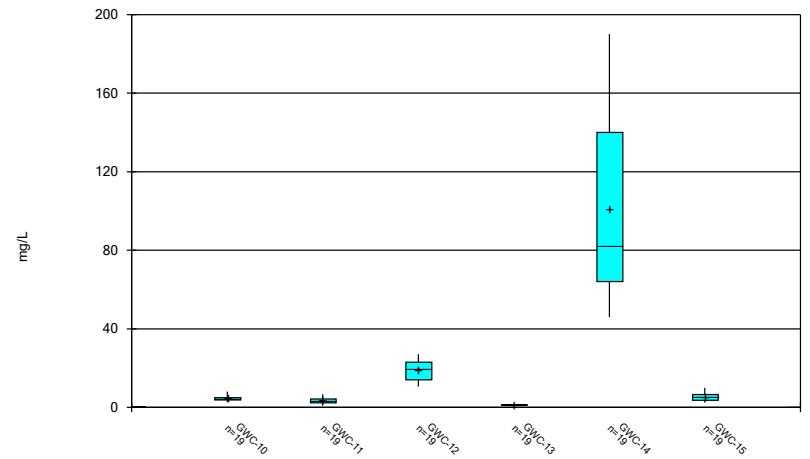
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Box & Whiskers Plot



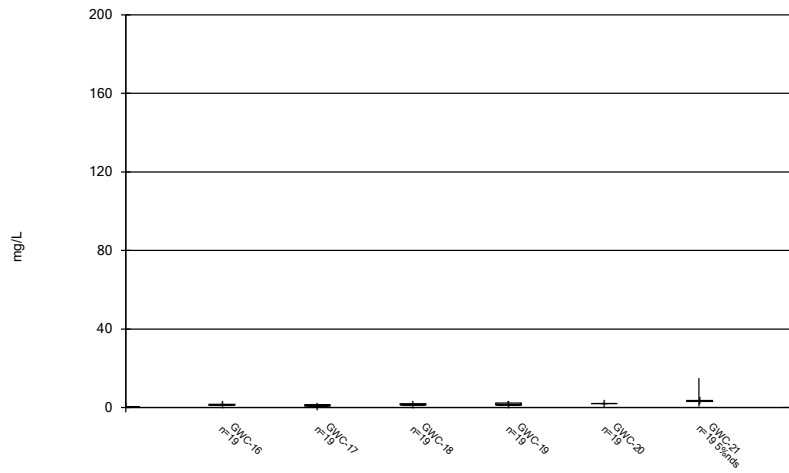
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Box & Whiskers Plot



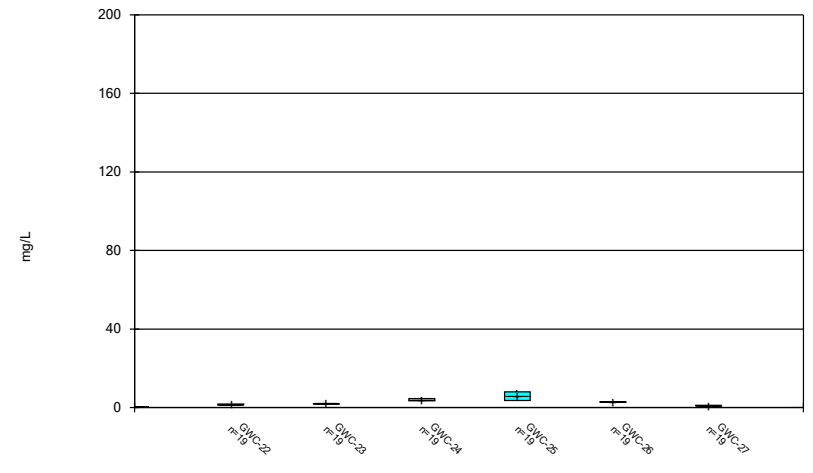
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Box & Whiskers Plot



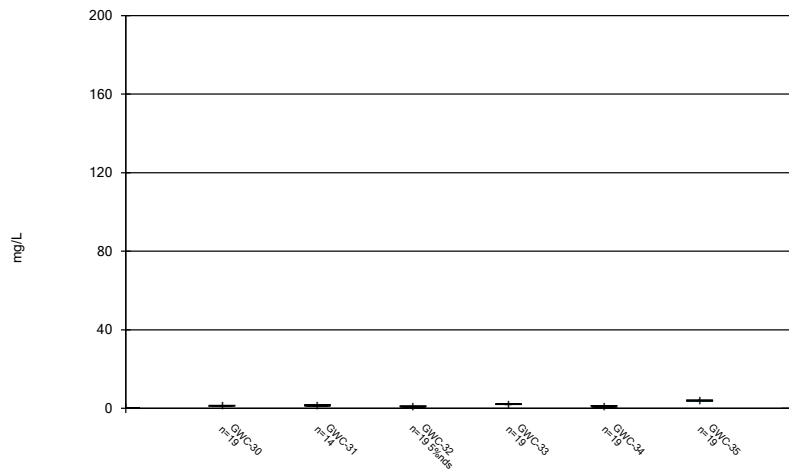
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Box & Whiskers Plot



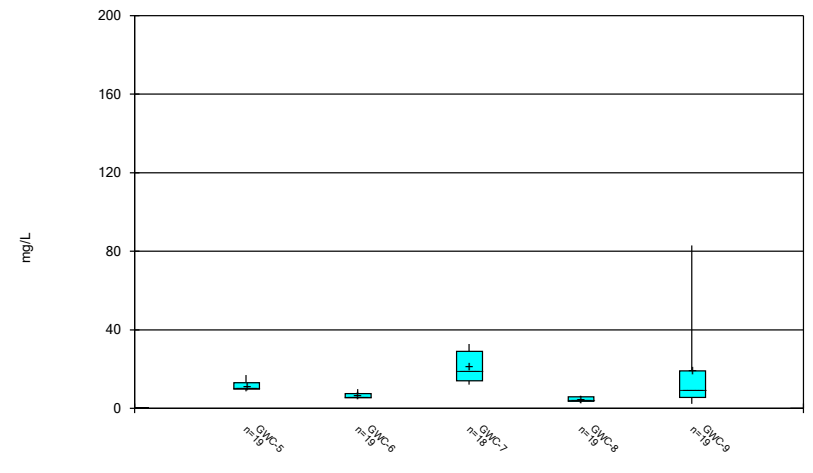
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Box & Whiskers Plot



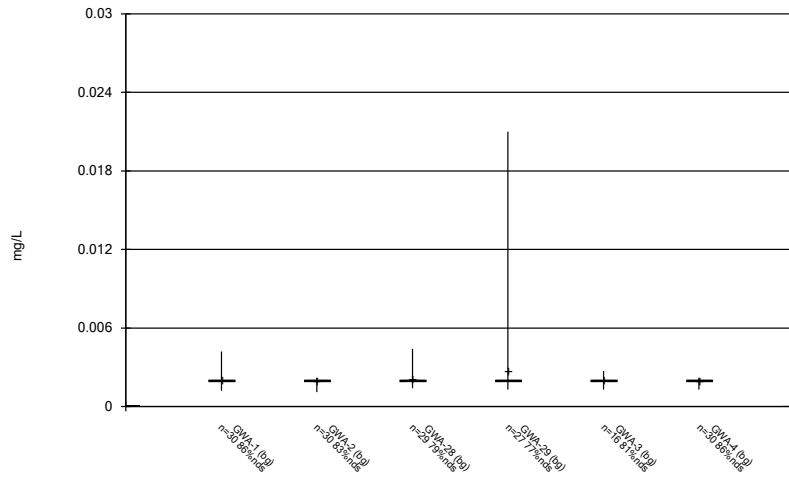
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Box & Whiskers Plot



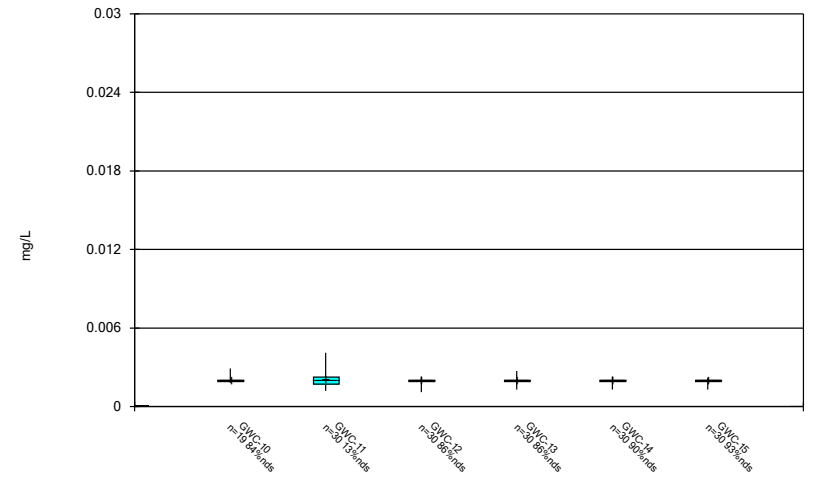
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Box & Whiskers Plot



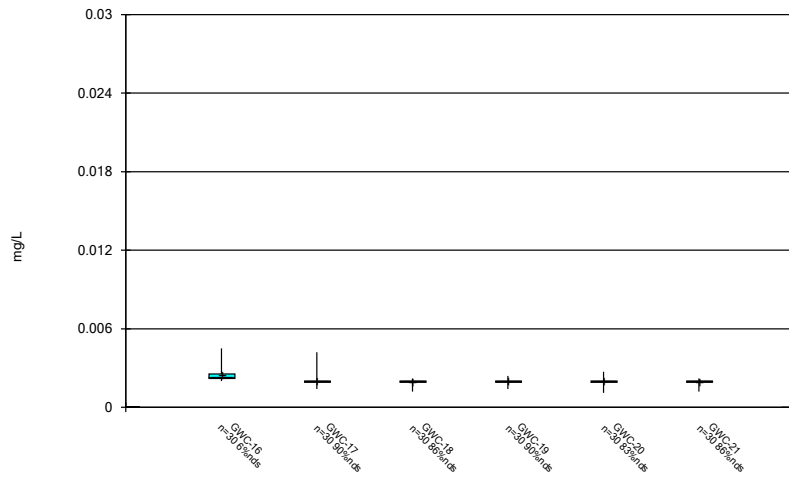
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Box & Whiskers Plot



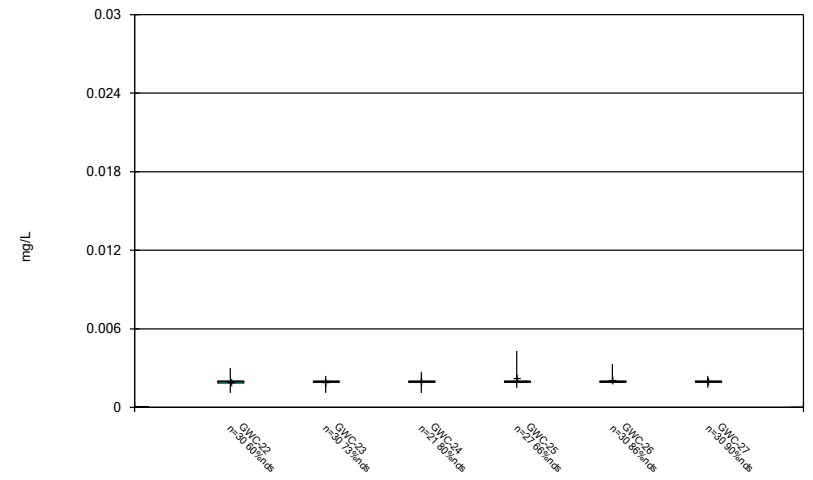
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Box & Whiskers Plot



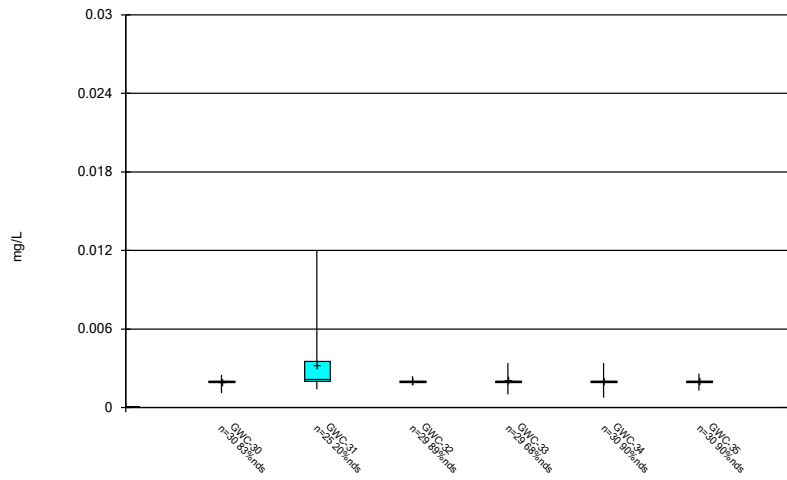
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Box & Whiskers Plot



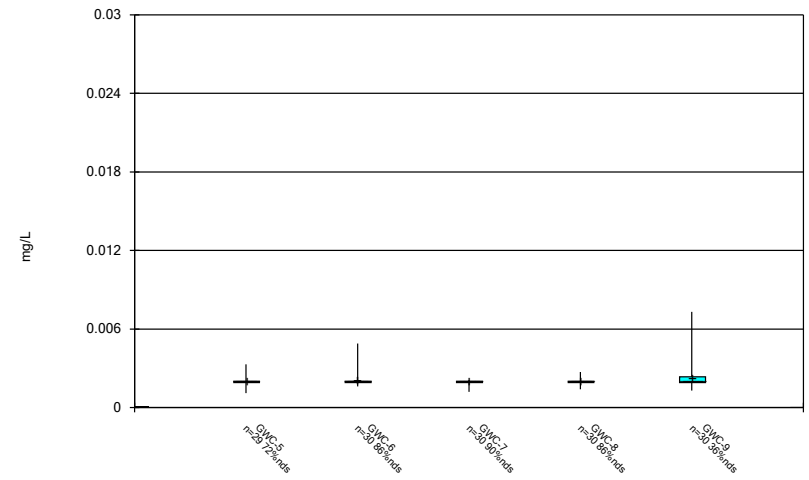
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Box & Whiskers Plot



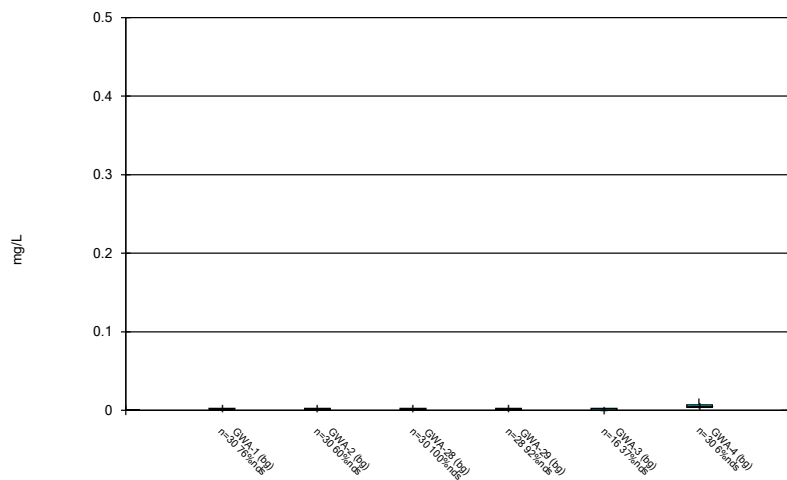
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Box & Whiskers Plot



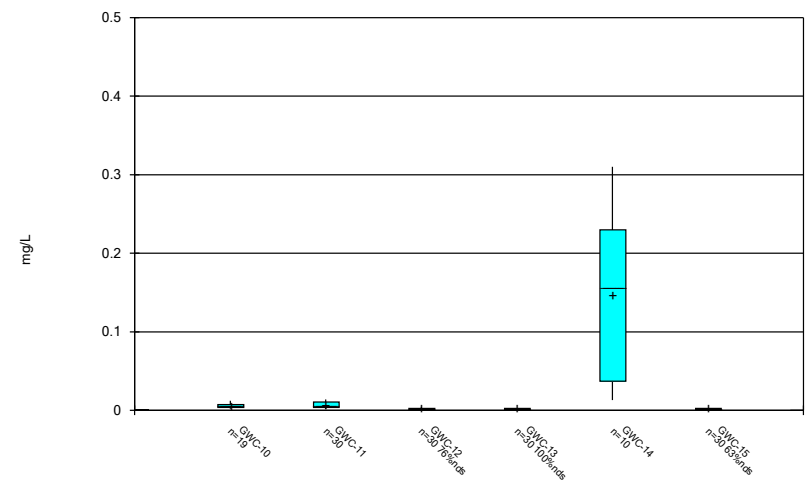
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Box & Whiskers Plot



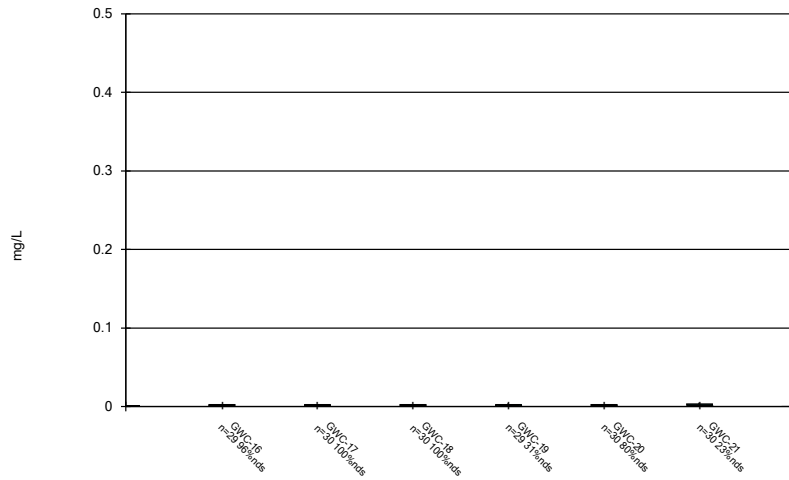
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Box & Whiskers Plot



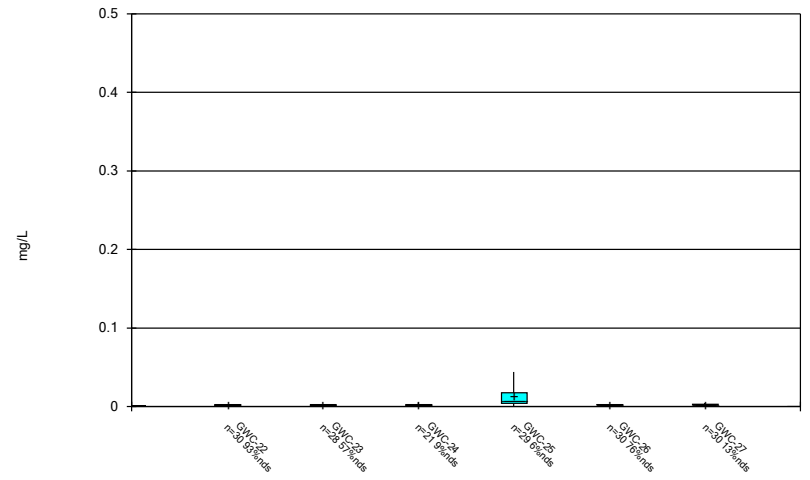
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Box & Whiskers Plot



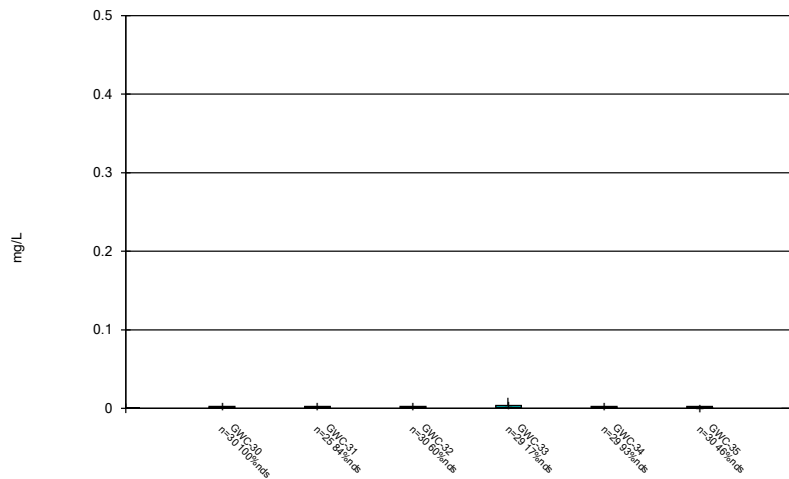
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Box & Whiskers Plot



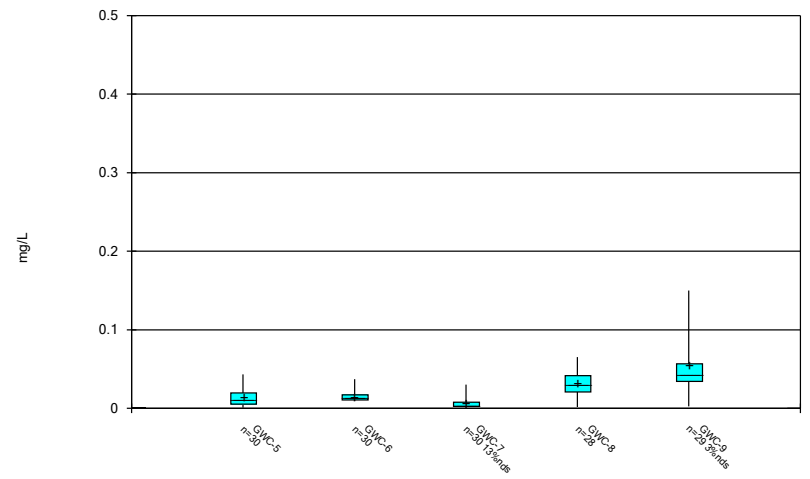
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Box & Whiskers Plot



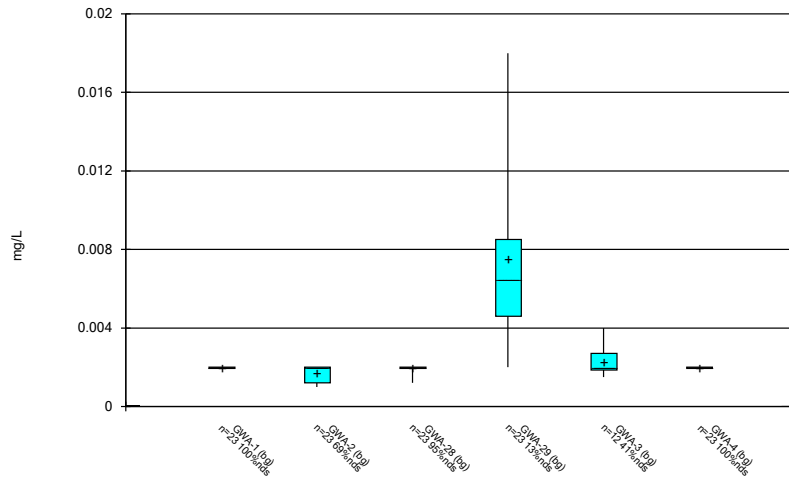
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Box & Whiskers Plot



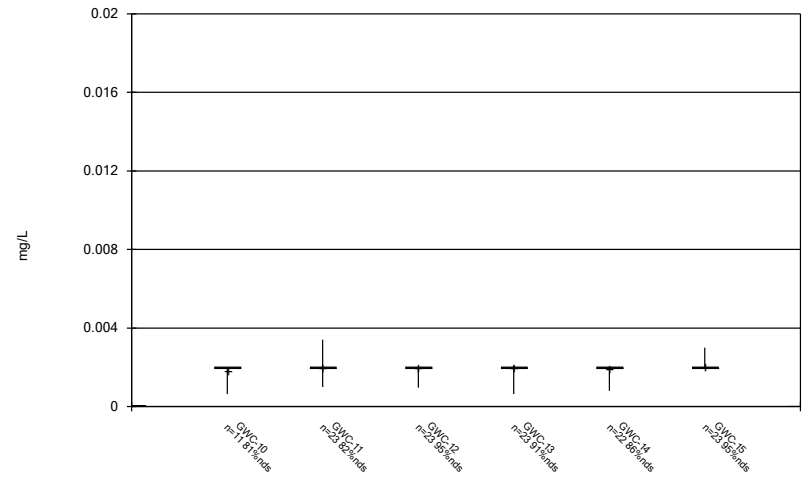
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Box & Whiskers Plot



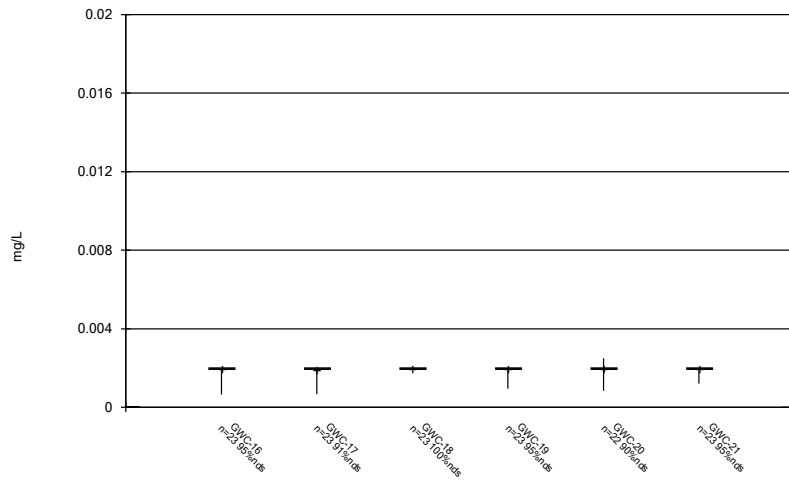
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Box & Whiskers Plot



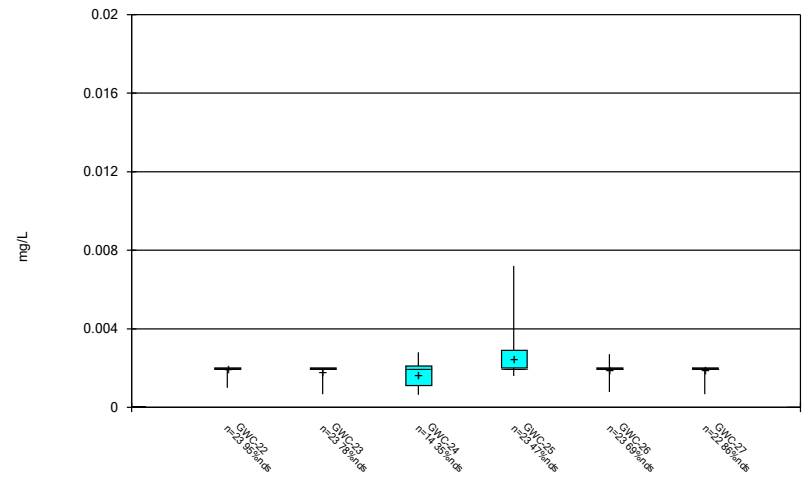
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Box & Whiskers Plot



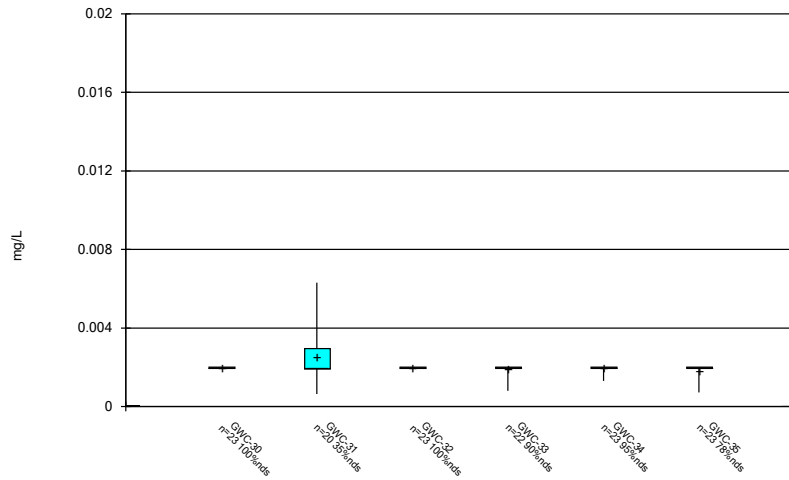
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Box & Whiskers Plot



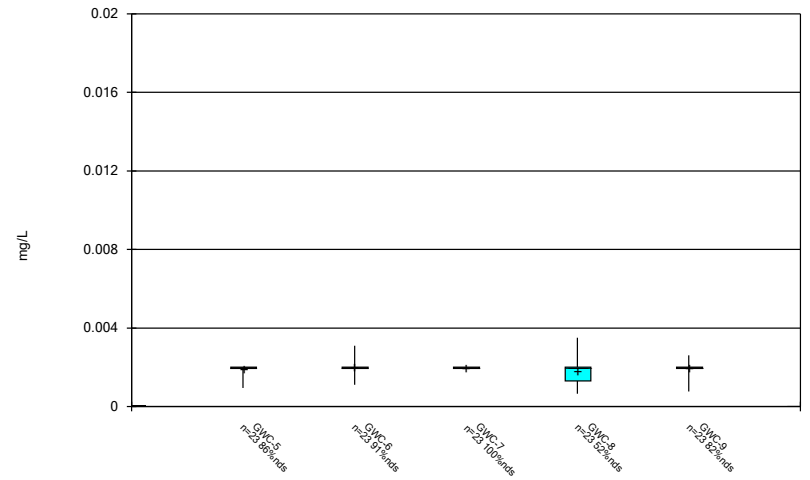
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Box & Whiskers Plot



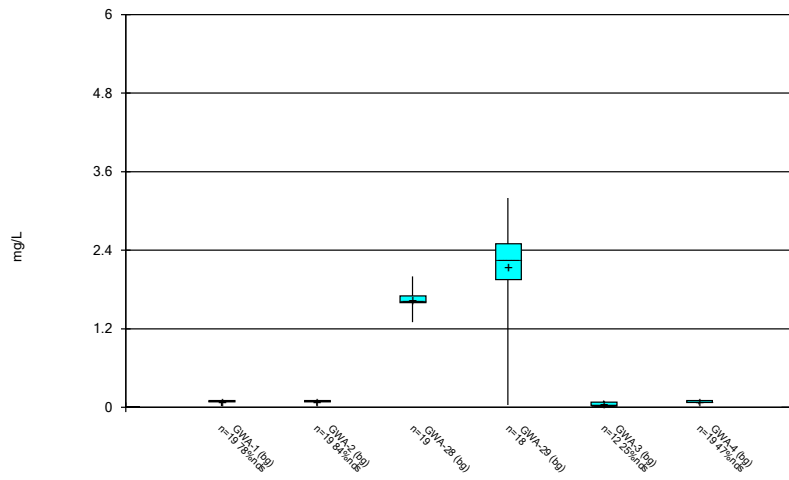
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Box & Whiskers Plot



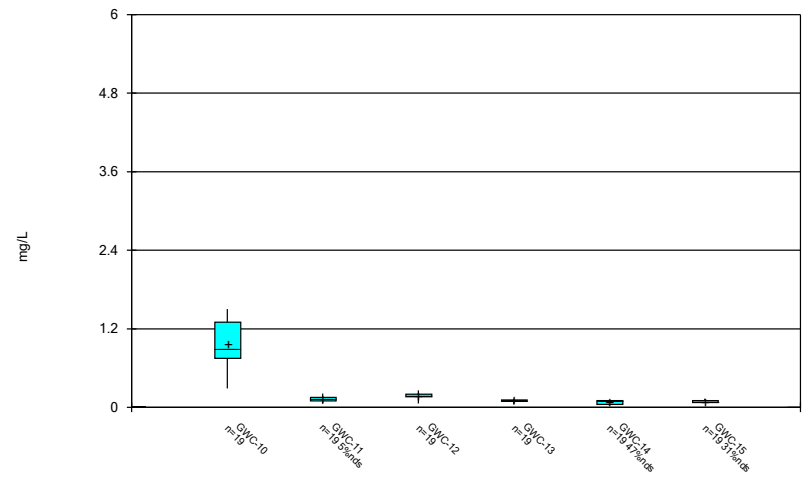
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Box & Whiskers Plot



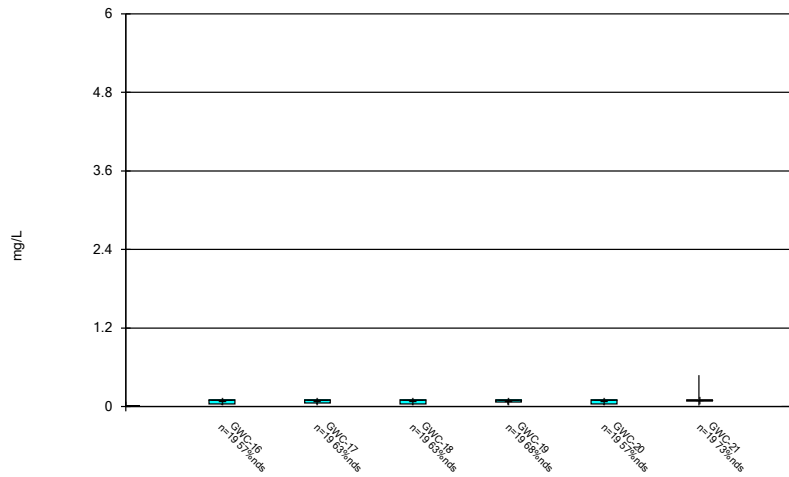
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Box & Whiskers Plot



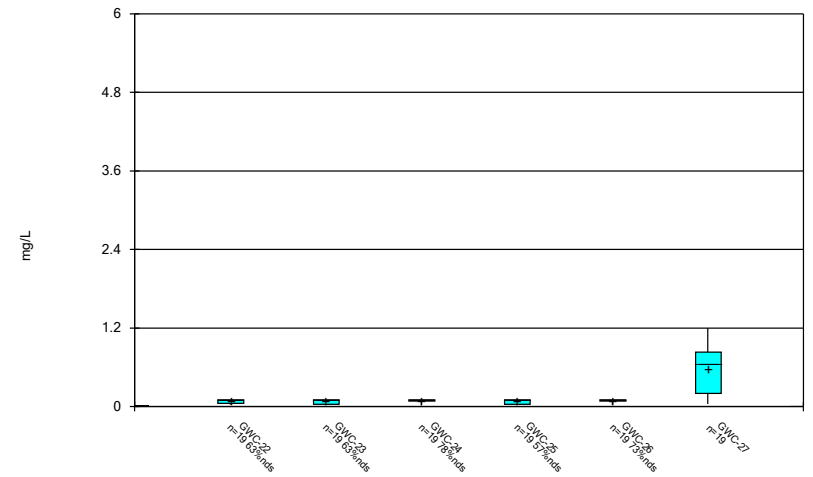
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Box & Whiskers Plot



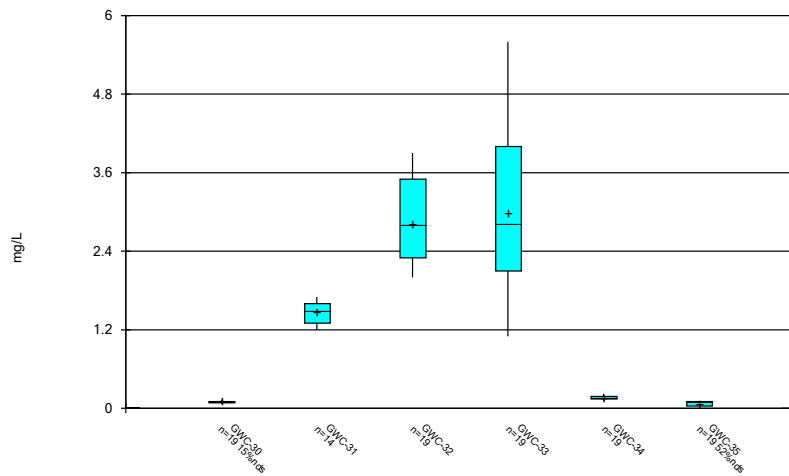
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Box & Whiskers Plot



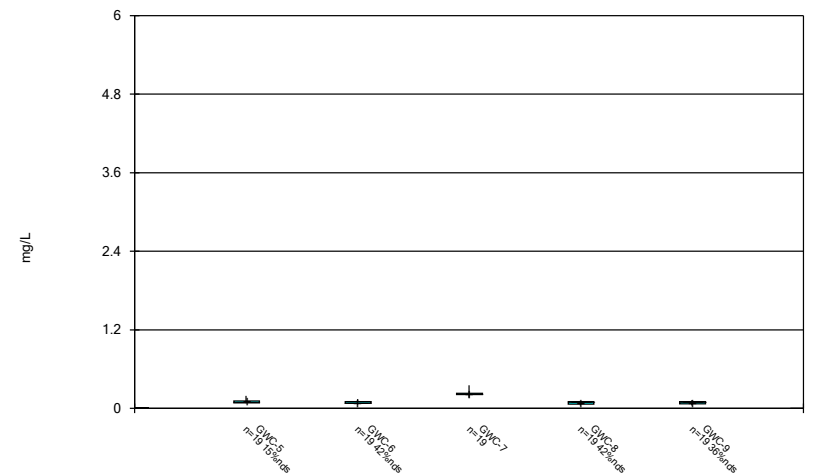
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



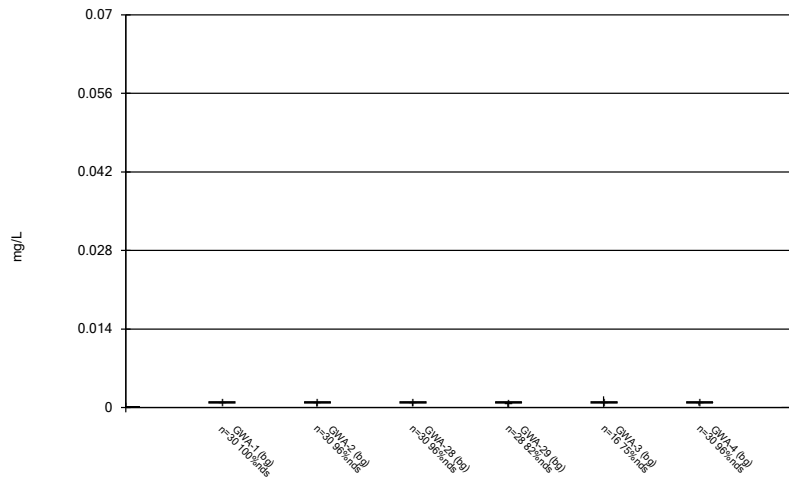
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



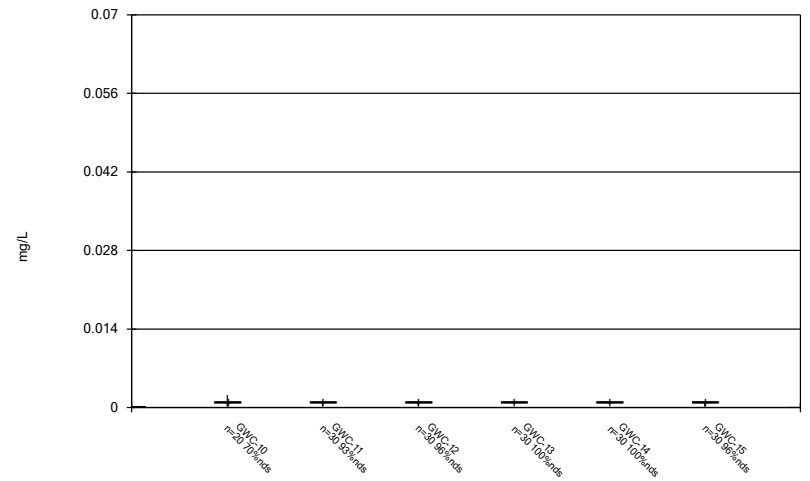
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



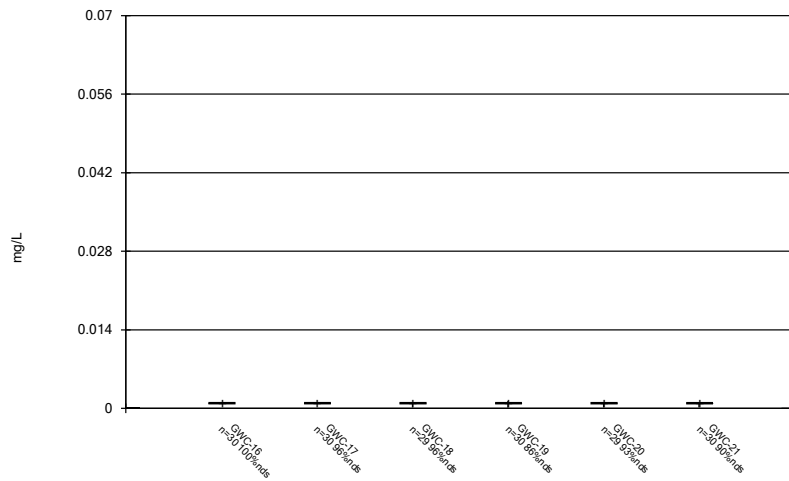
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



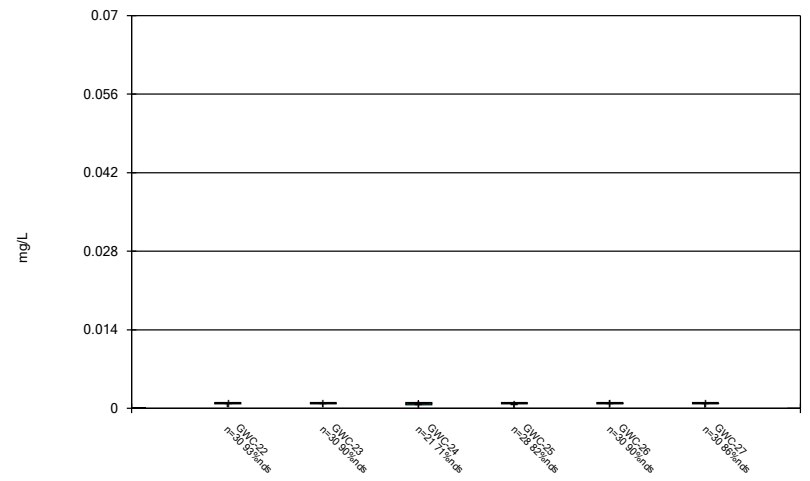
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



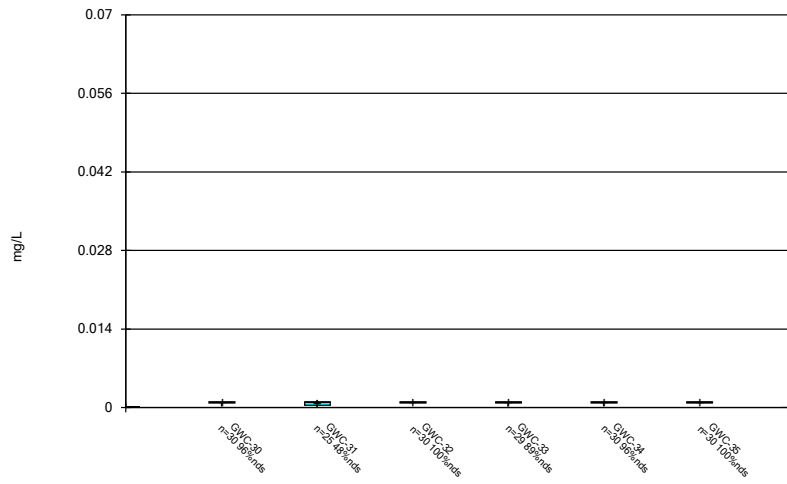
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Box & Whiskers Plot



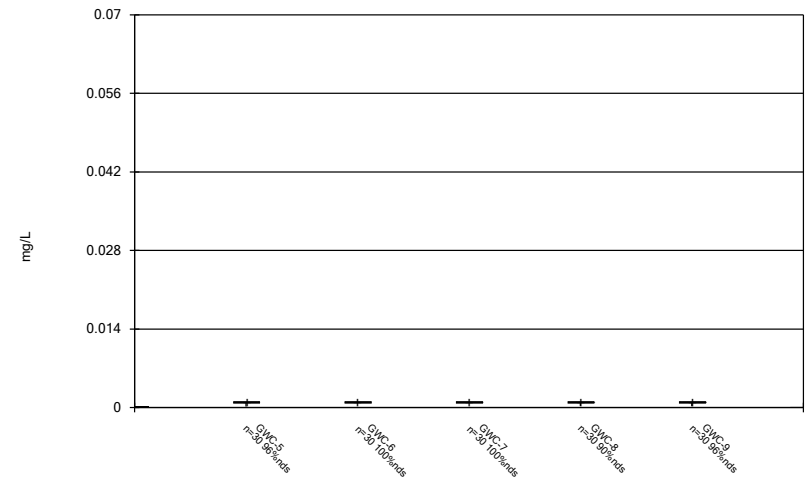
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



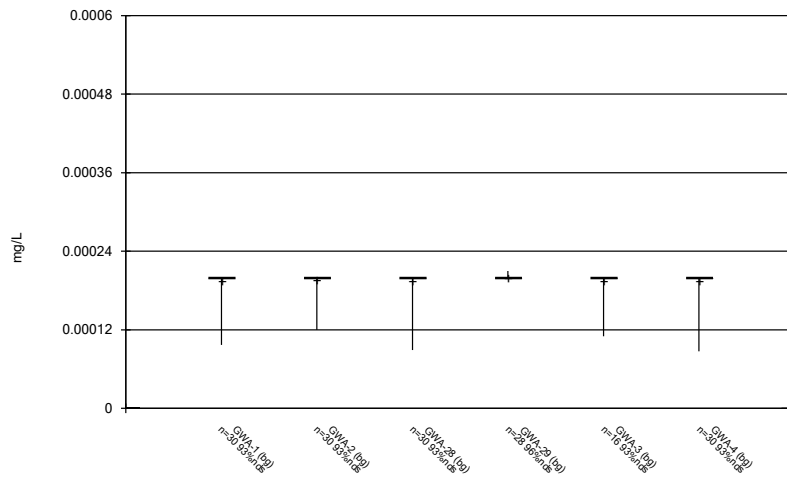
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Box & Whiskers Plot



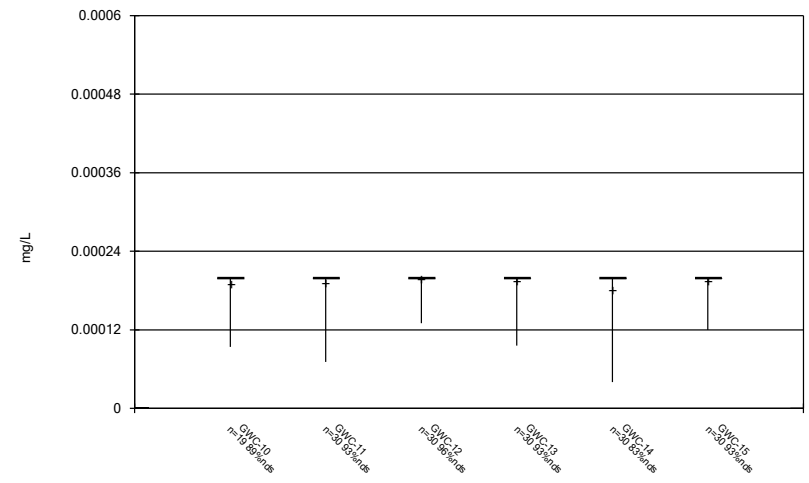
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Box & Whiskers Plot



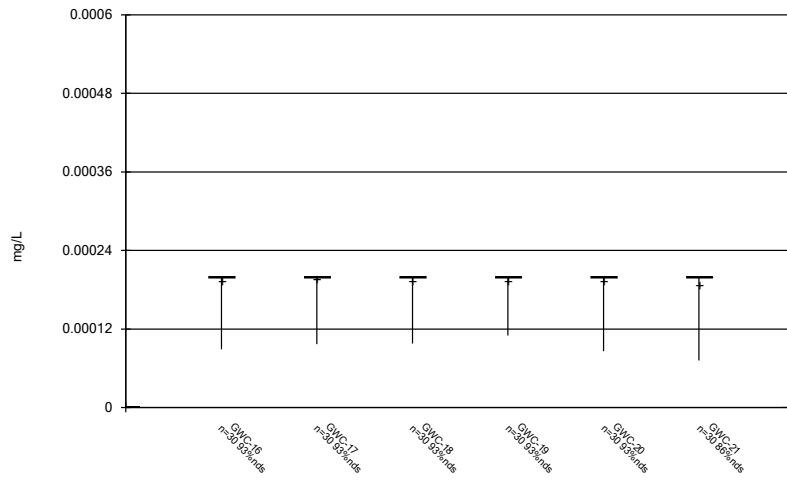
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Box & Whiskers Plot



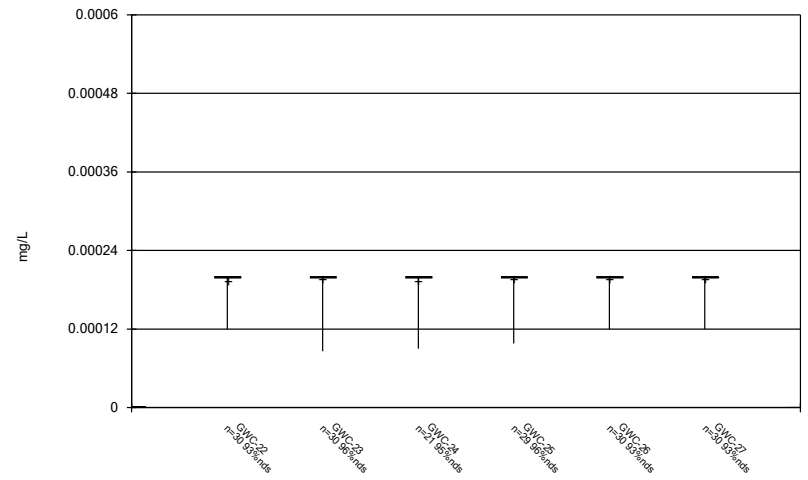
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Box & Whiskers Plot



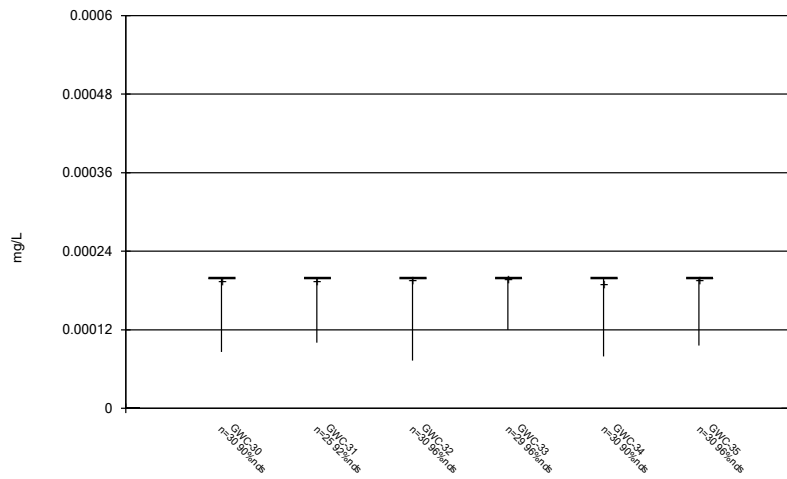
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Box & Whiskers Plot



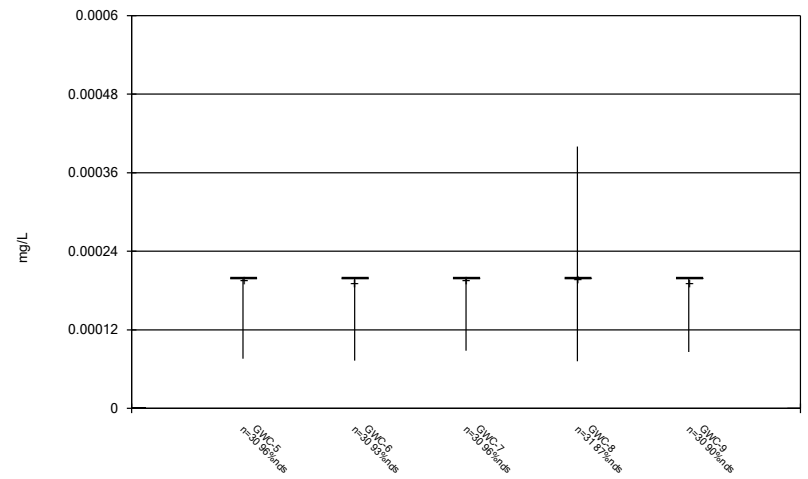
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



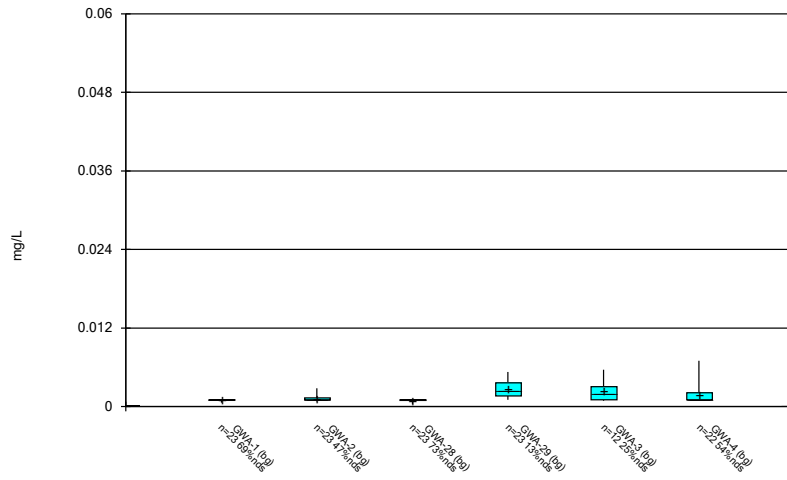
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



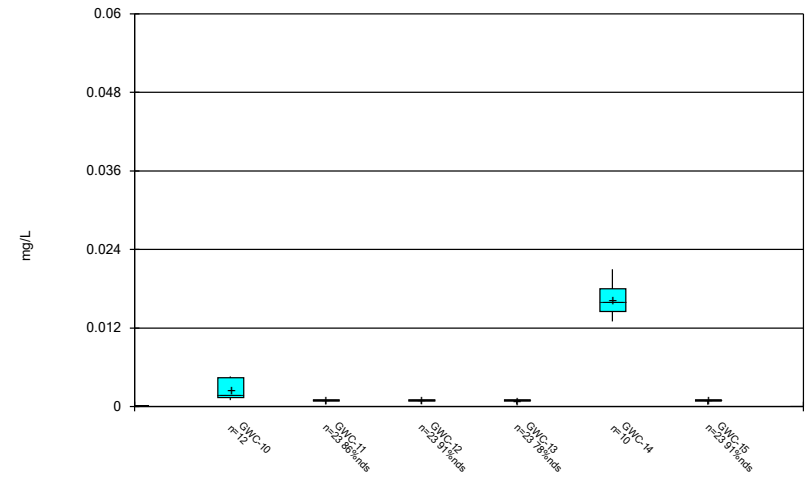
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



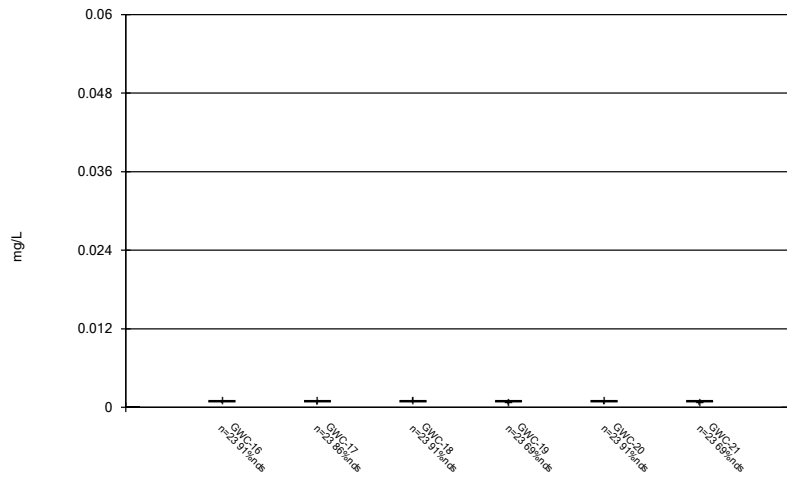
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



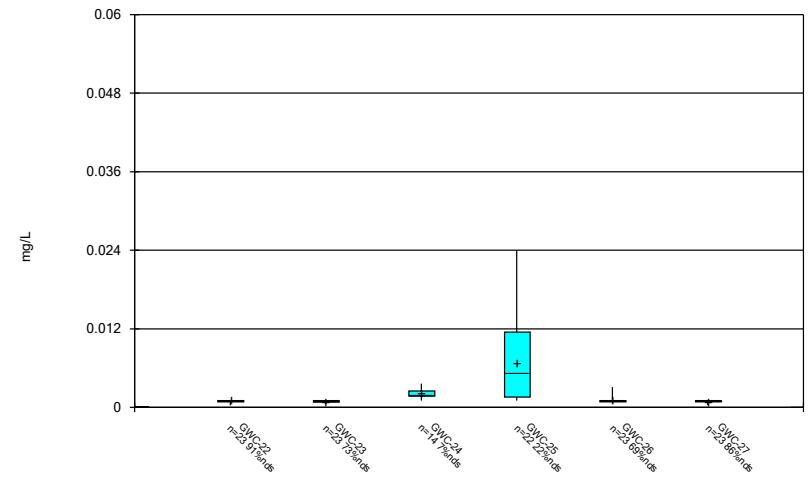
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



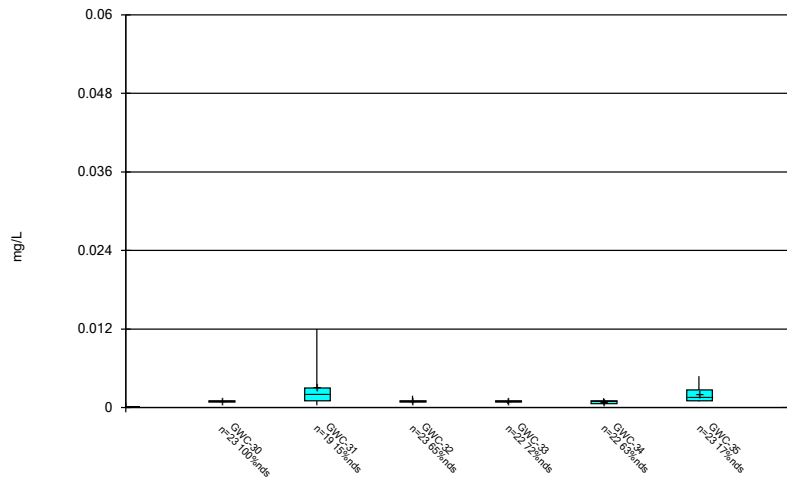
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



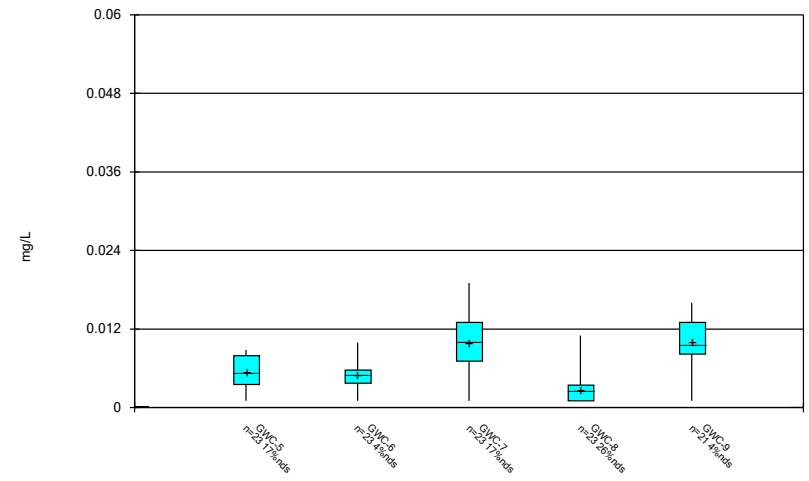
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



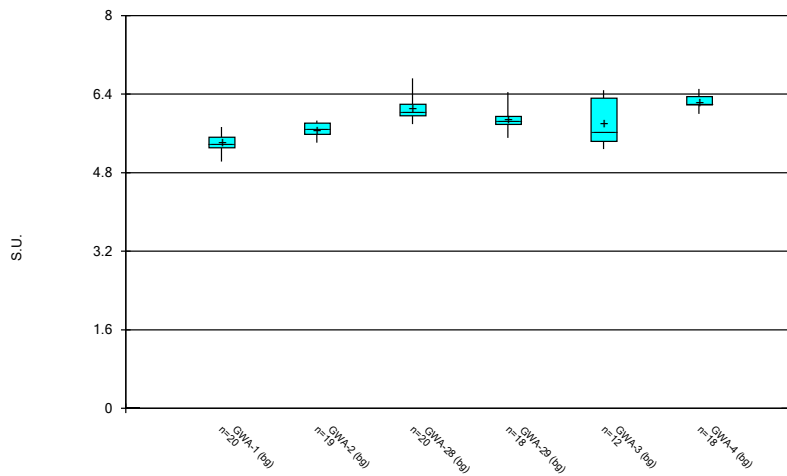
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



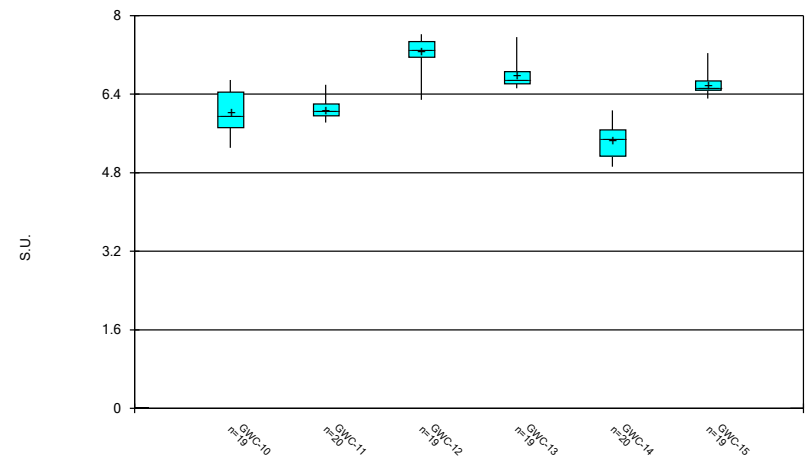
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



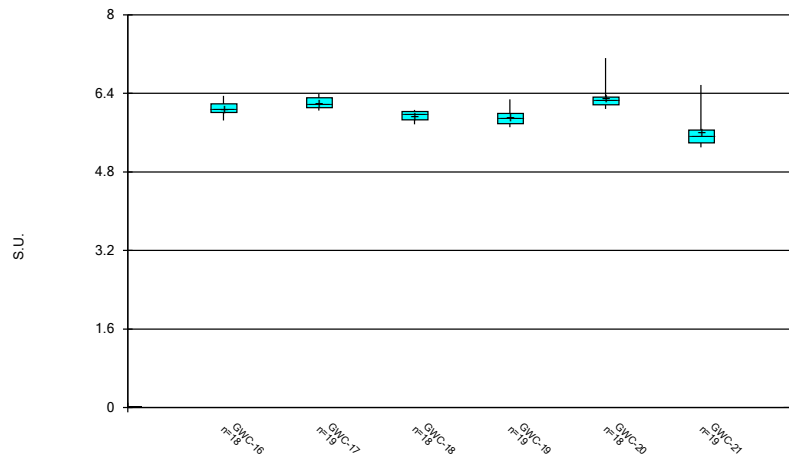
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



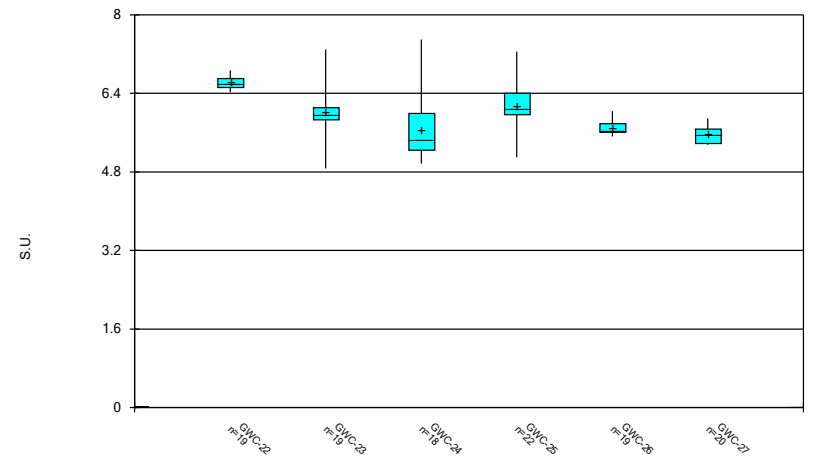
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Box & Whiskers Plot



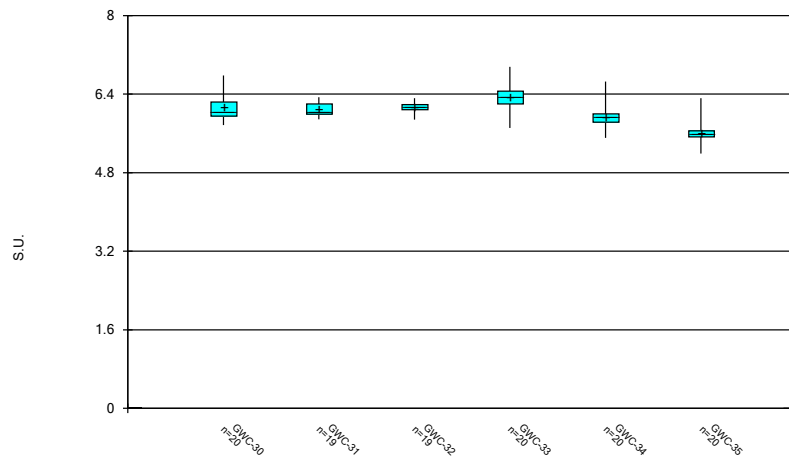
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Box & Whiskers Plot



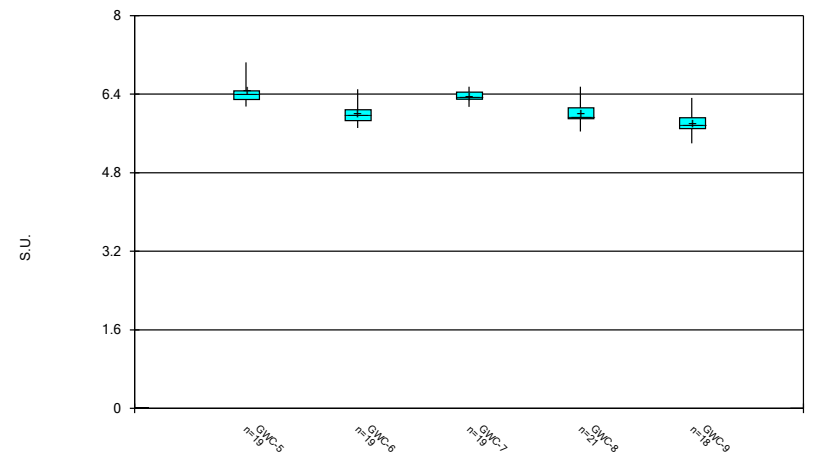
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Box & Whiskers Plot



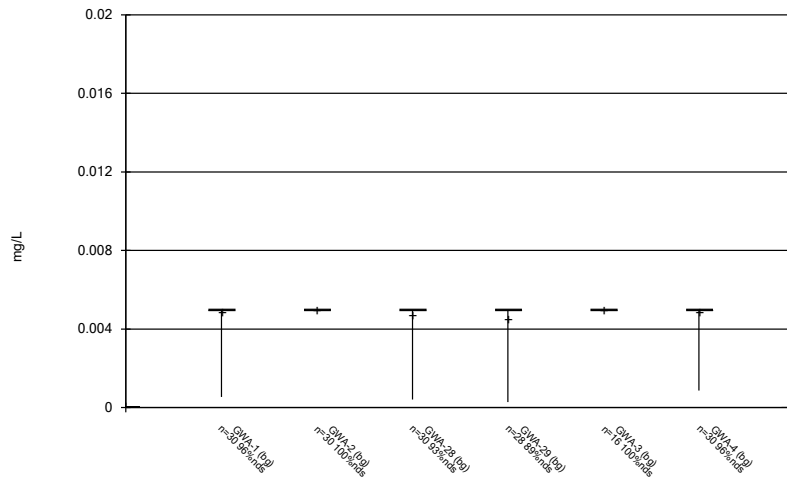
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



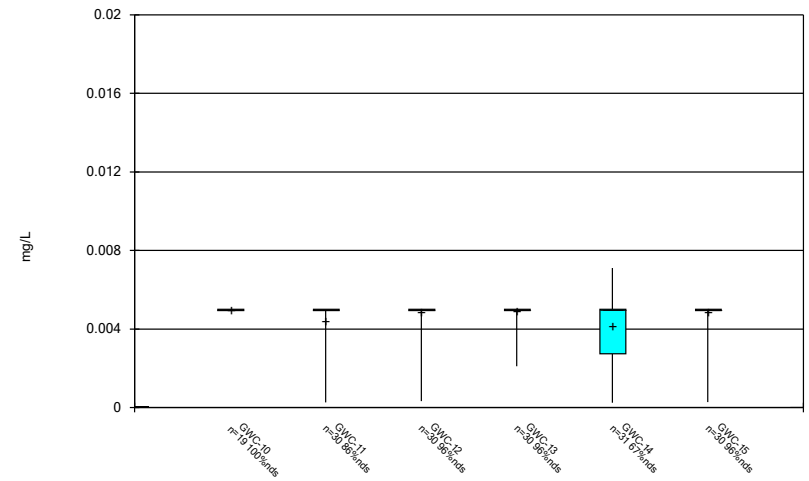
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



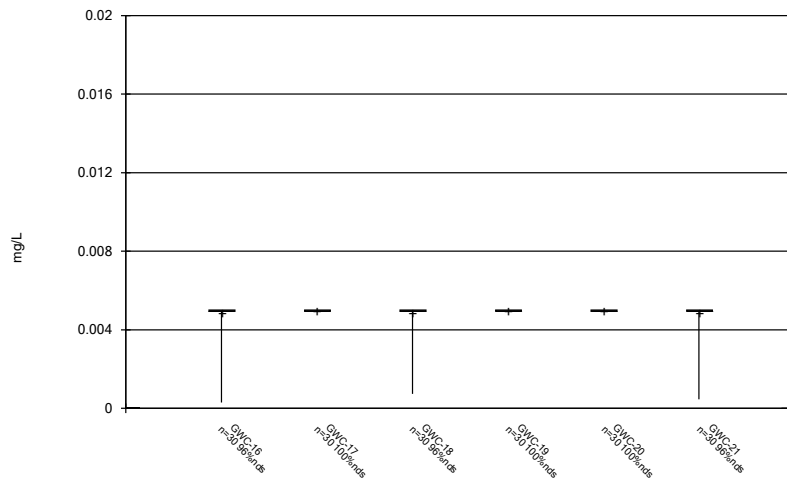
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Box & Whiskers Plot



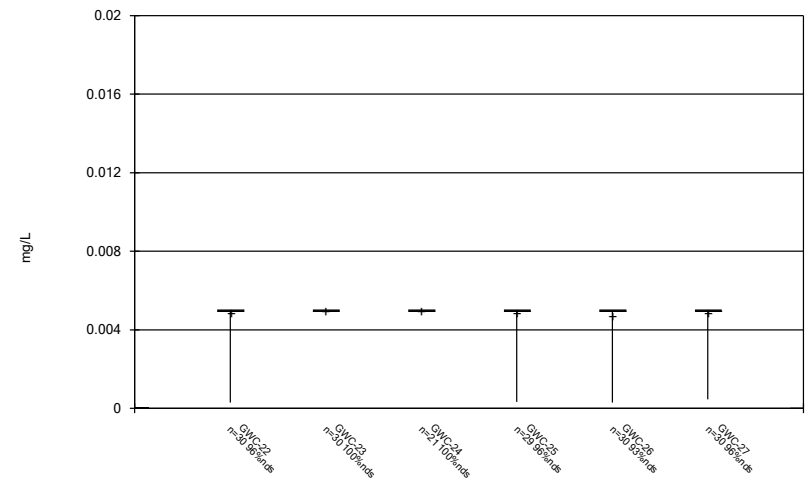
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



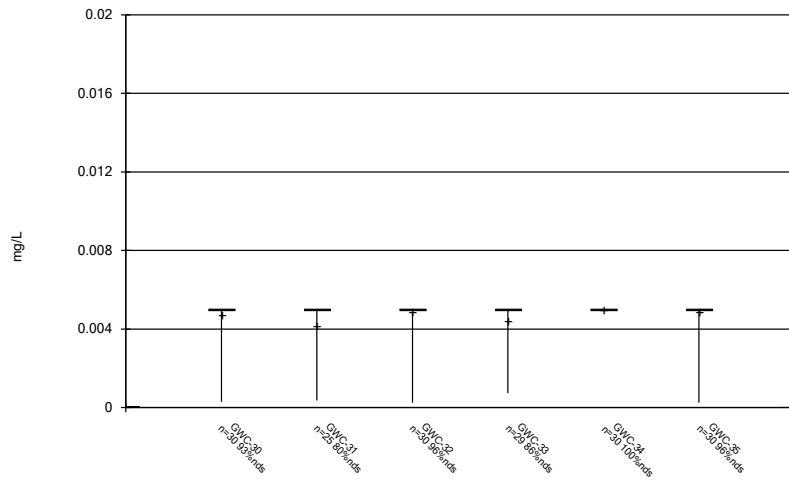
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Box & Whiskers Plot



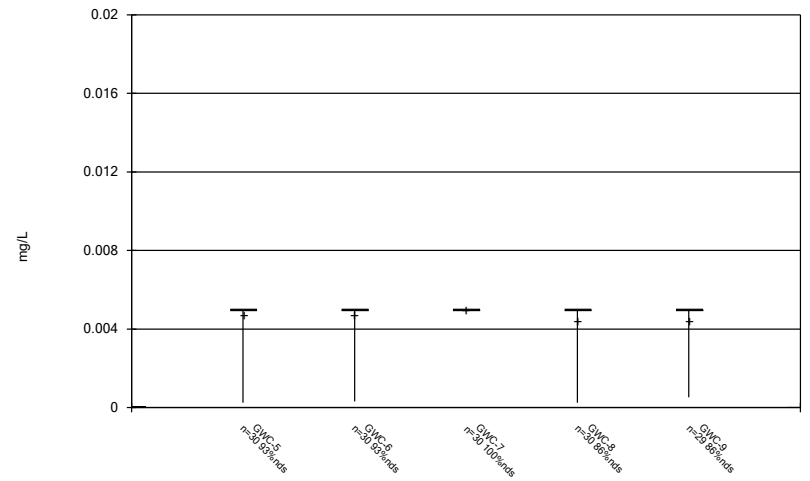
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Box & Whiskers Plot



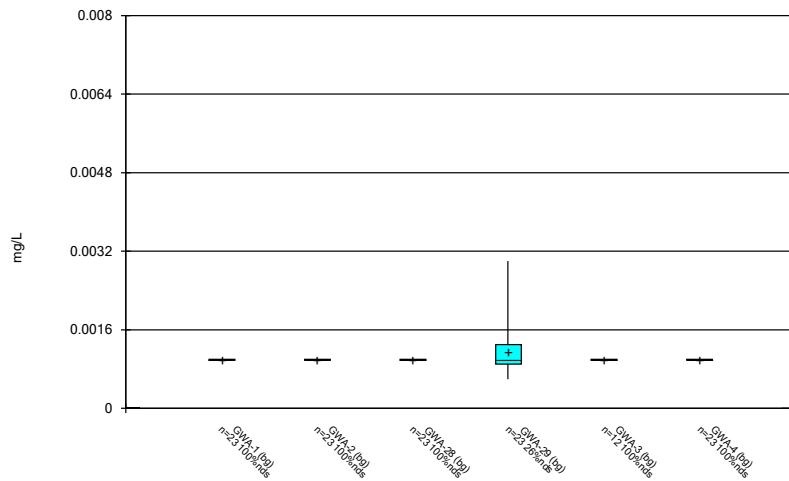
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



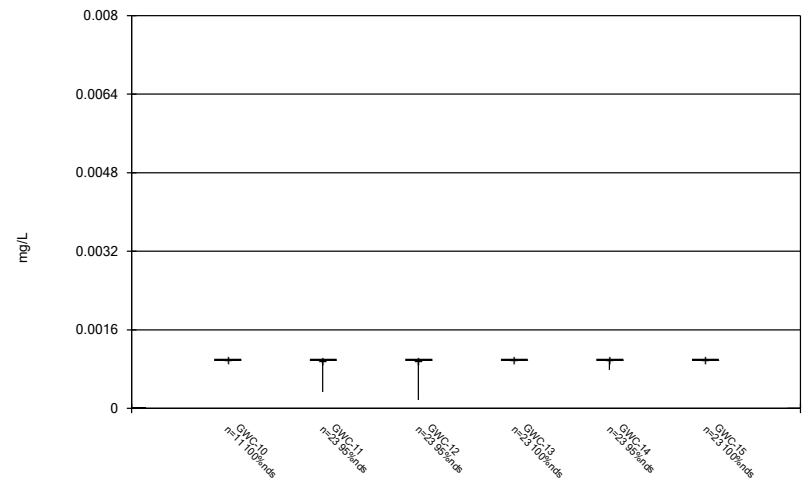
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



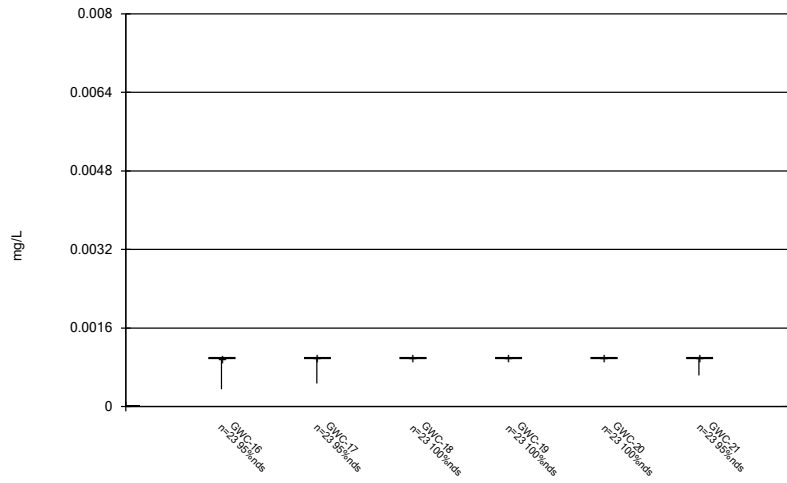
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Box & Whiskers Plot



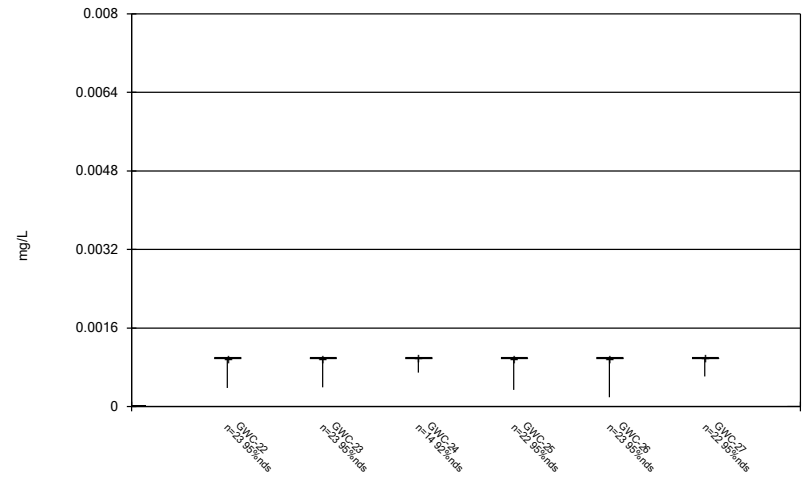
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



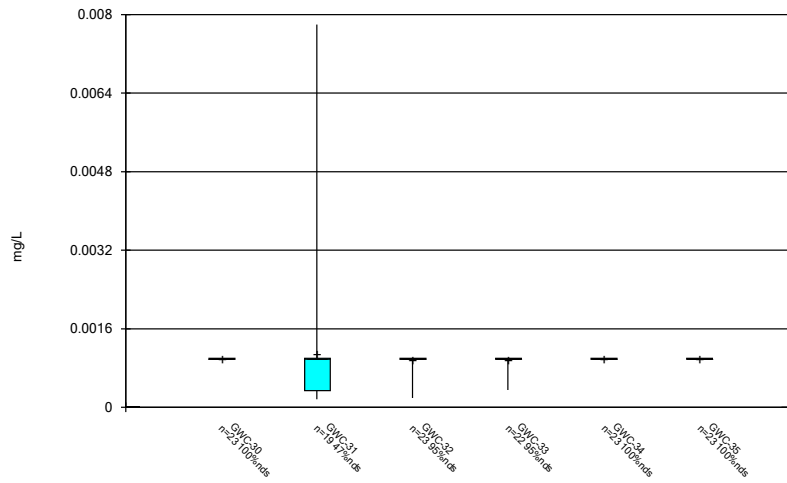
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Box & Whiskers Plot



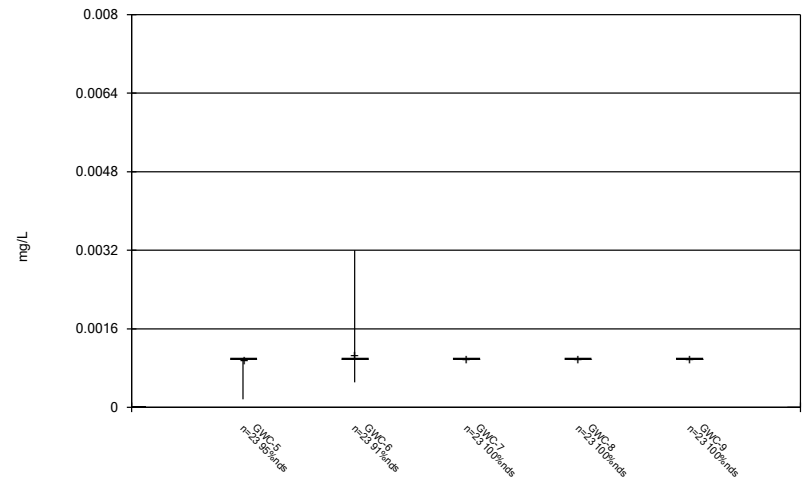
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Box & Whiskers Plot



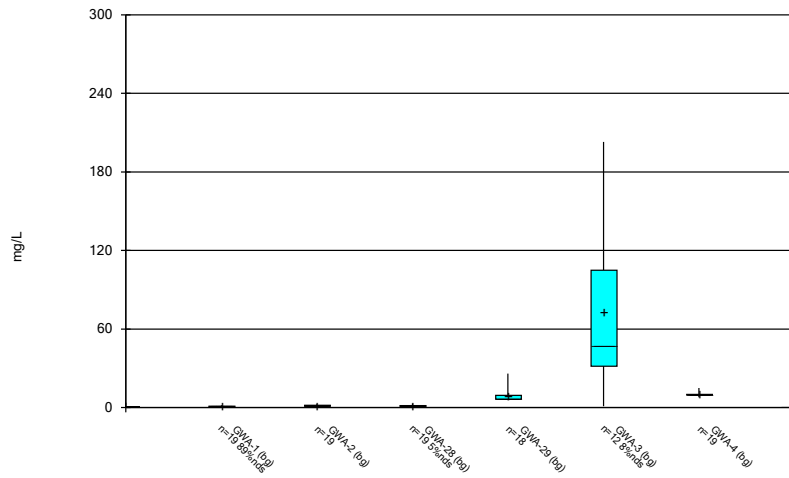
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Box & Whiskers Plot



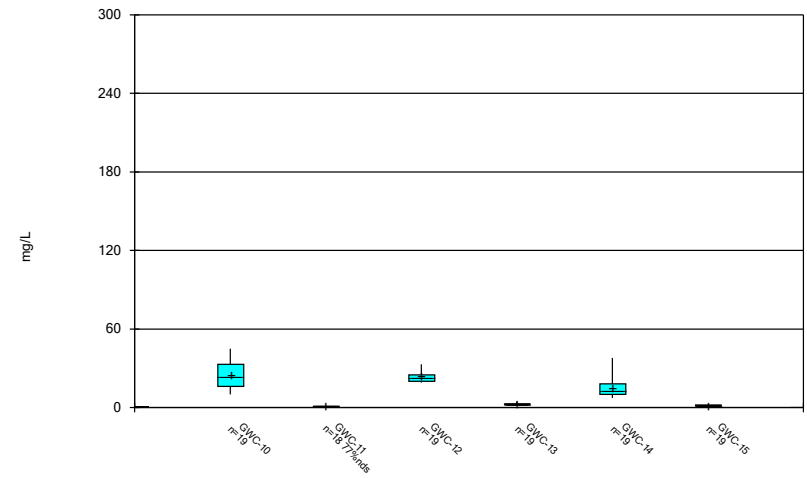
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Box & Whiskers Plot



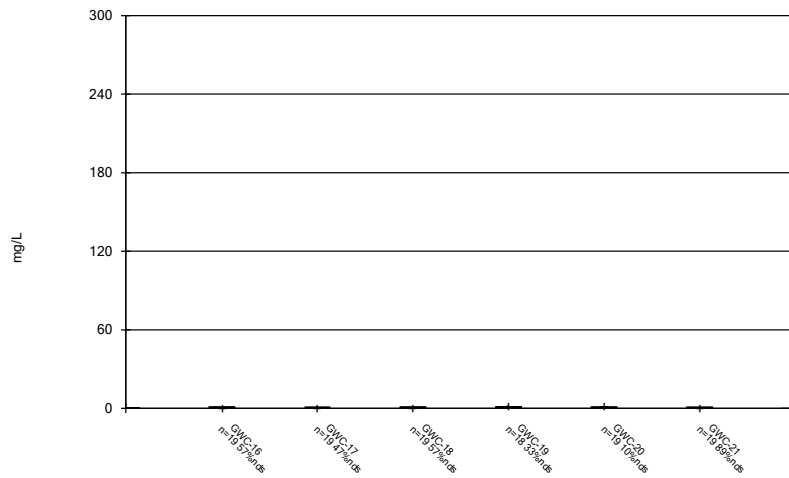
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



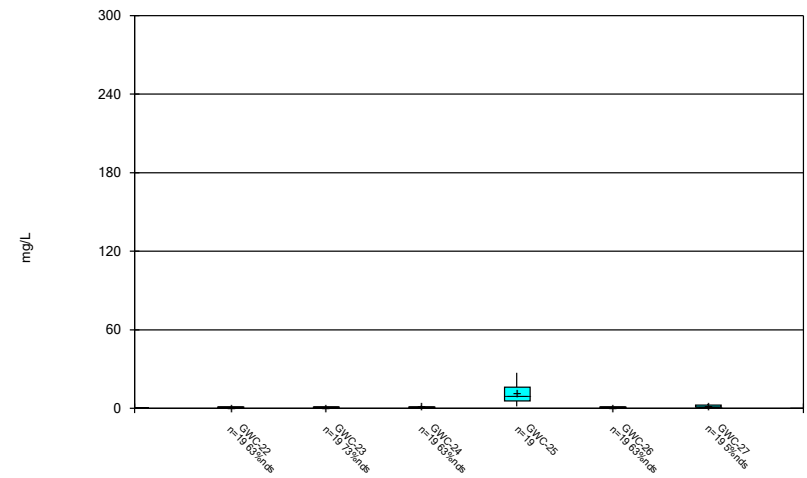
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Box & Whiskers Plot



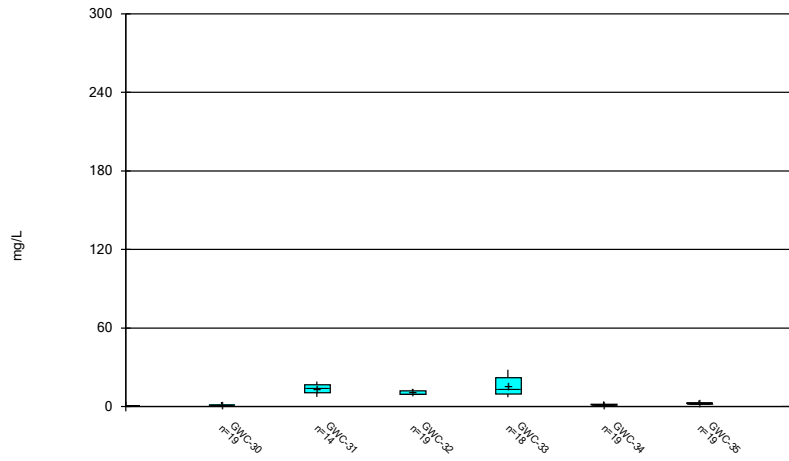
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Box & Whiskers Plot



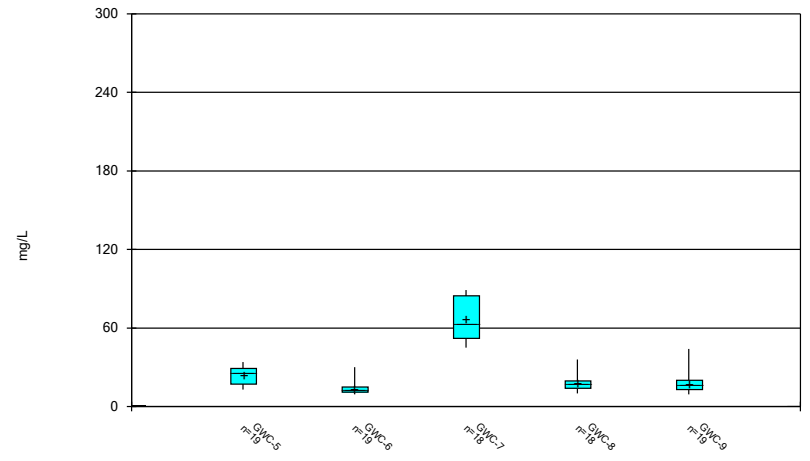
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Box & Whiskers Plot



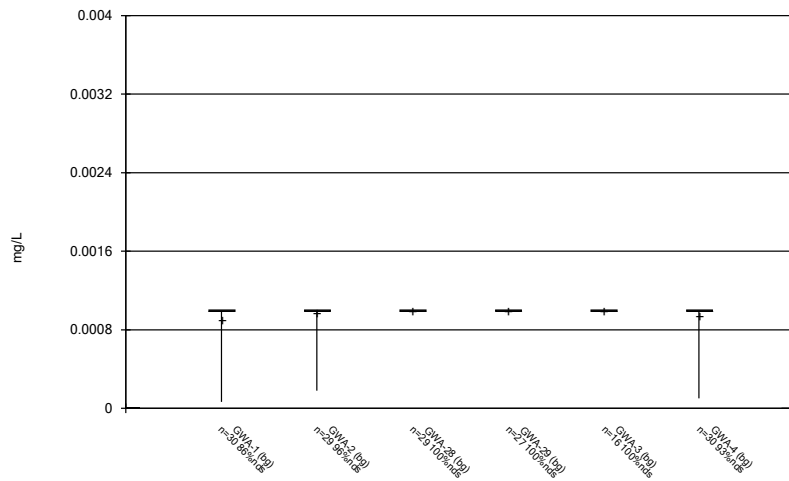
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



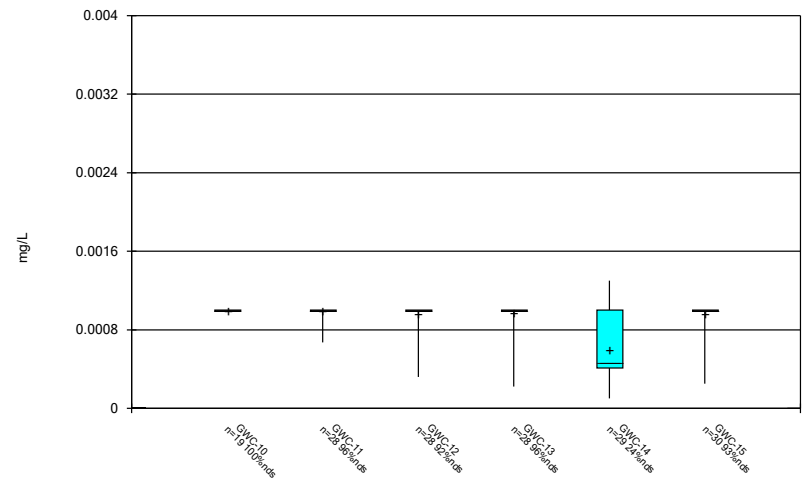
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



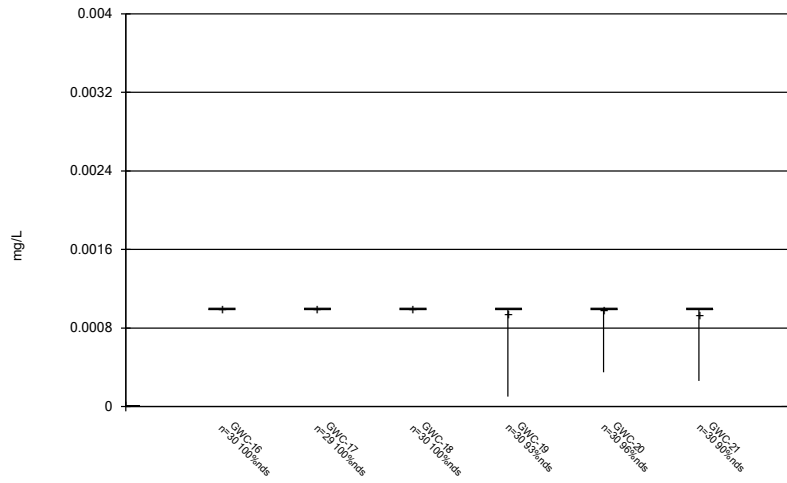
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Box & Whiskers Plot



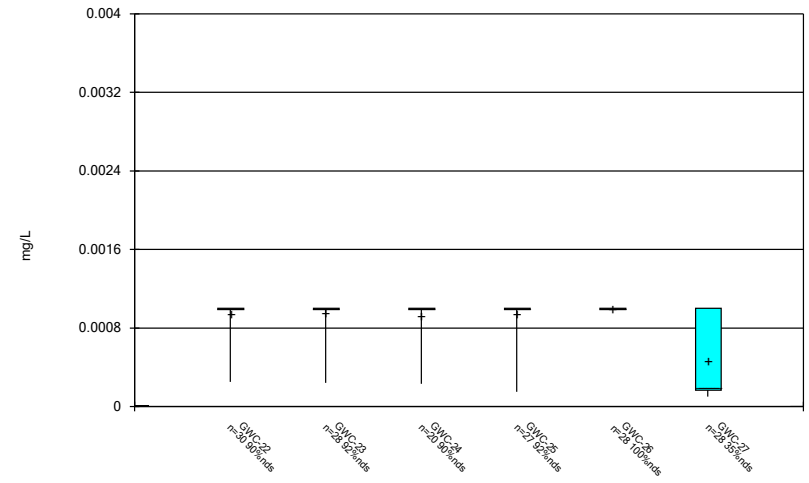
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



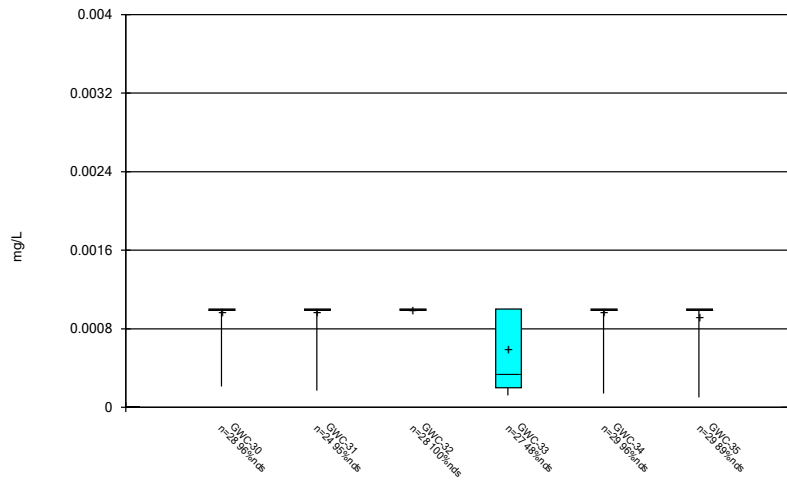
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



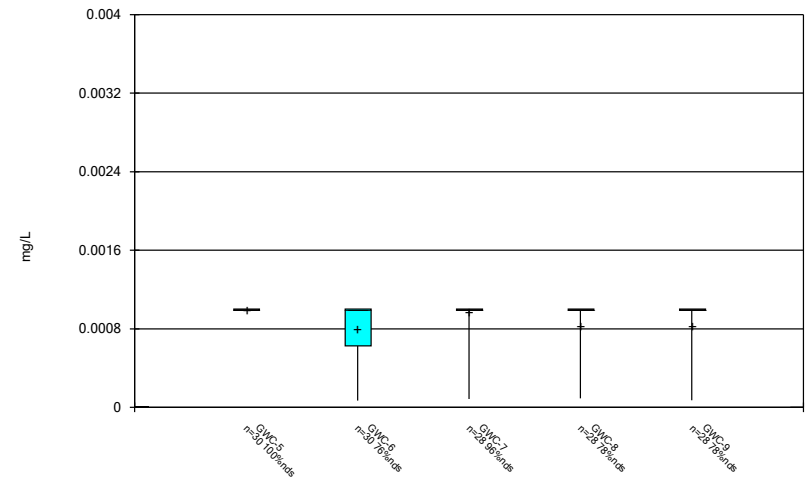
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Box & Whiskers Plot



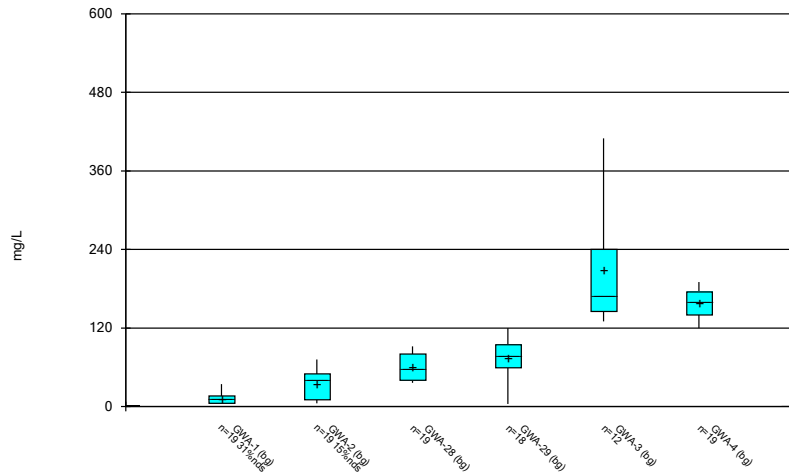
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



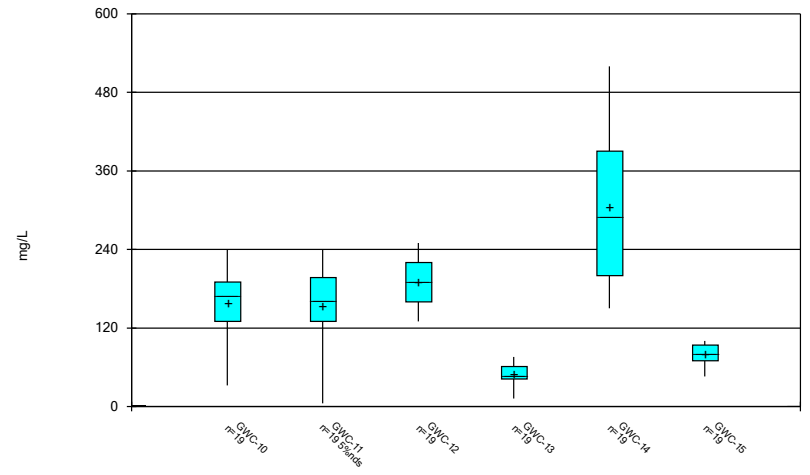
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



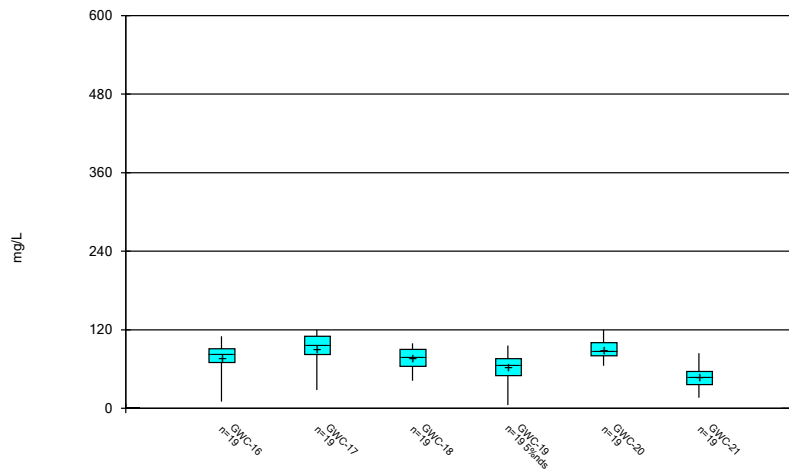
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



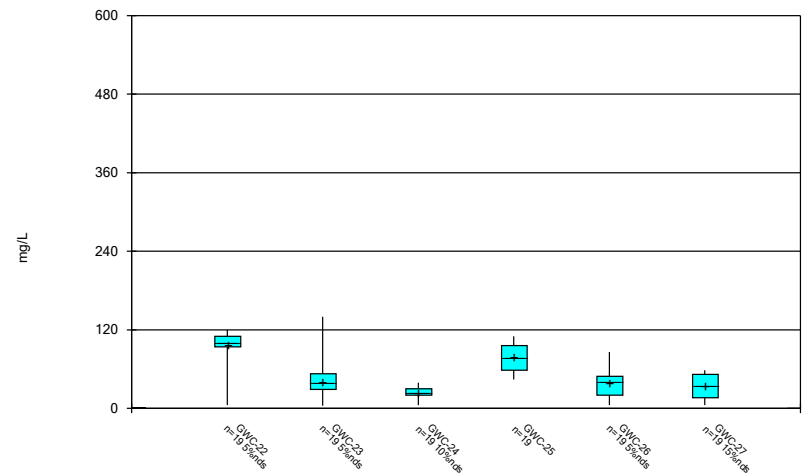
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



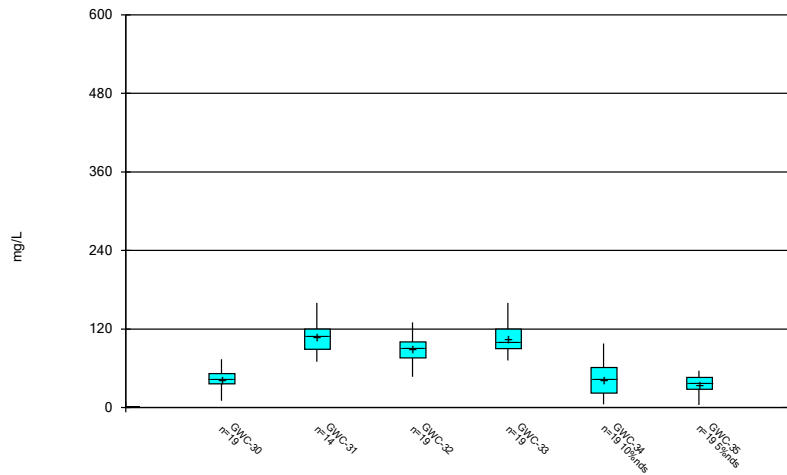
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



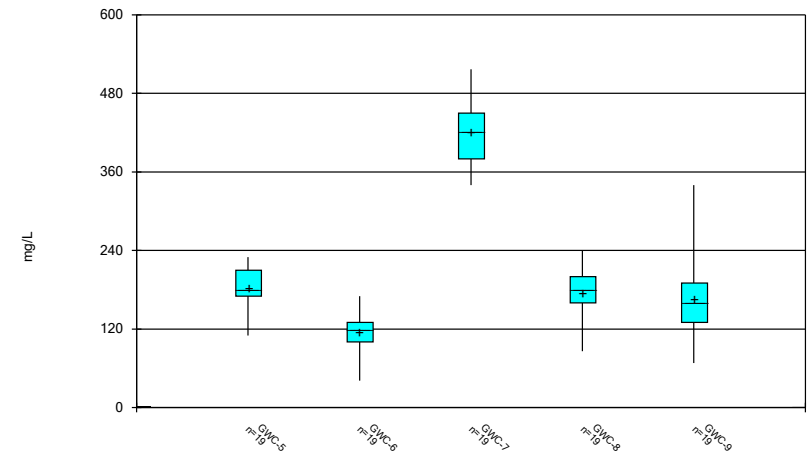
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



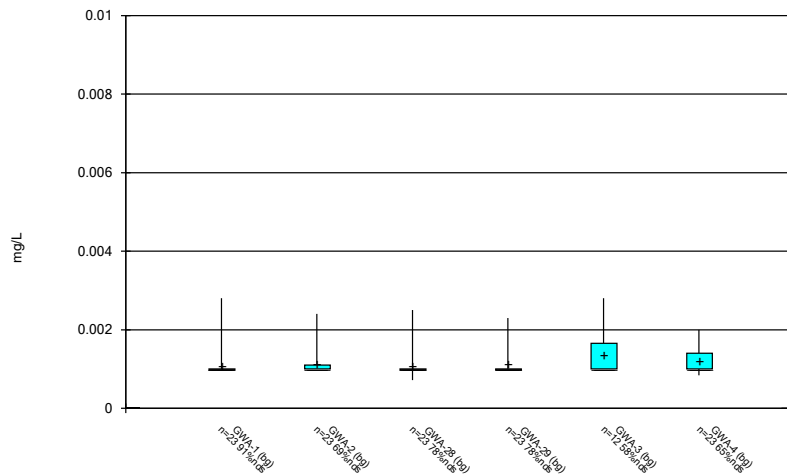
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



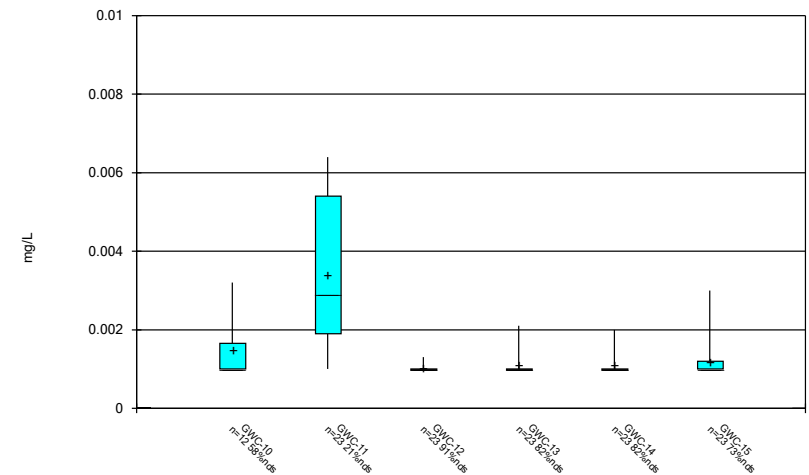
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



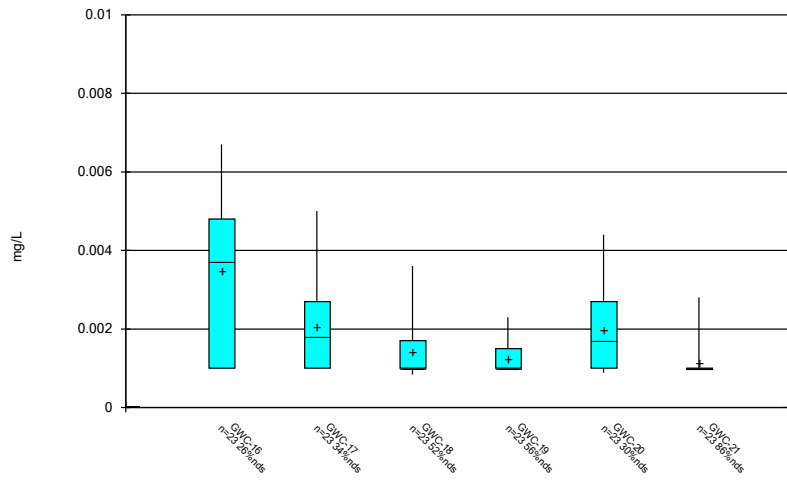
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



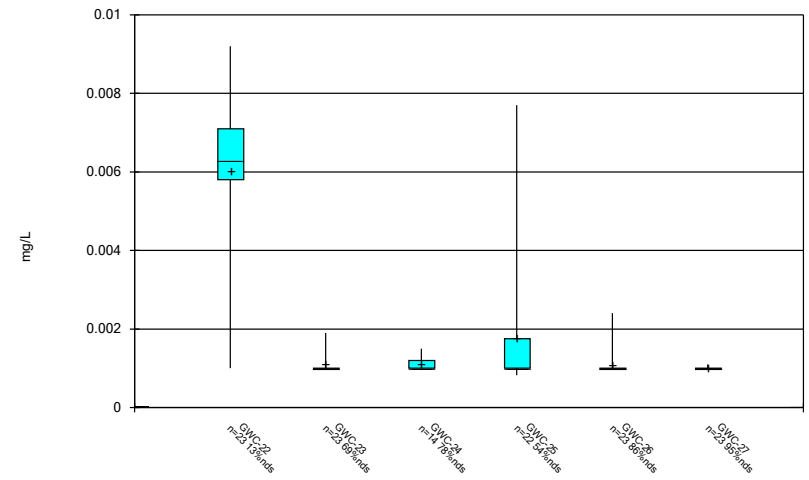
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



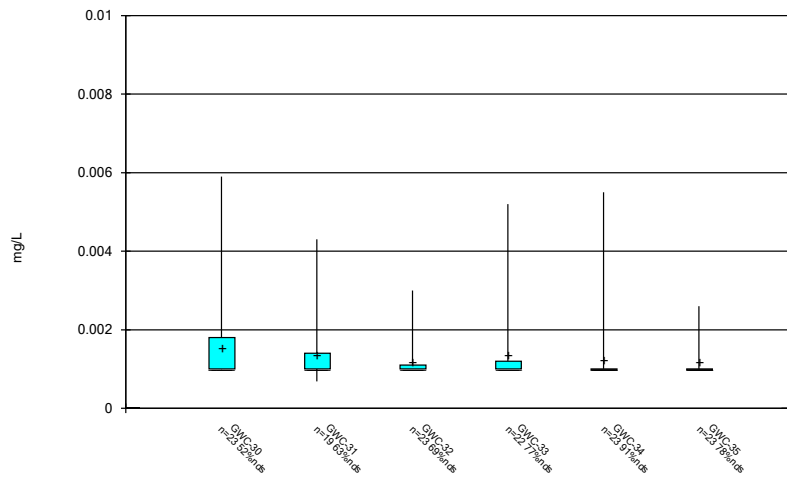
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Box & Whiskers Plot



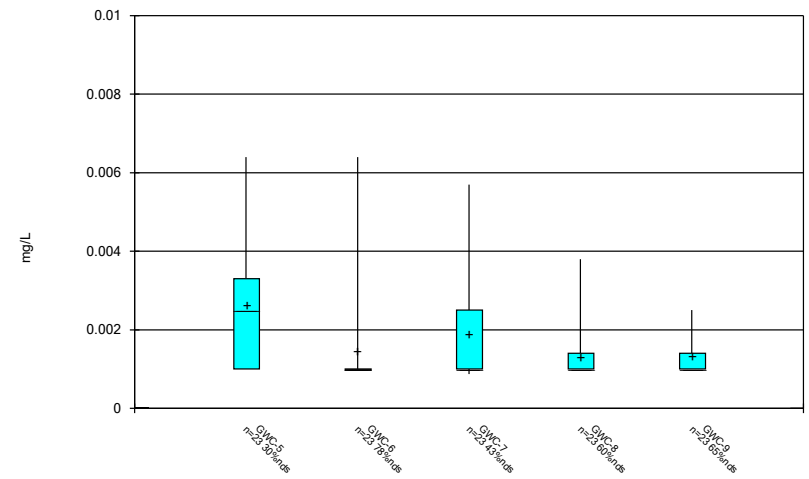
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Box & Whiskers Plot



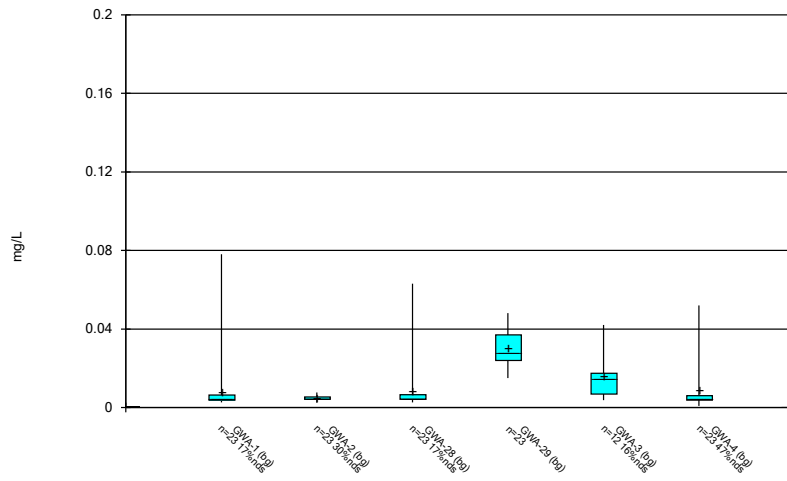
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Box & Whiskers Plot



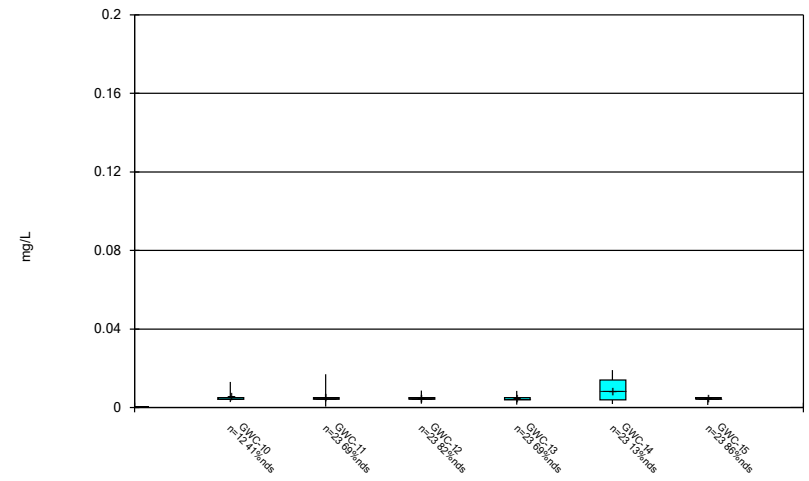
Constituent: Vanadium Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



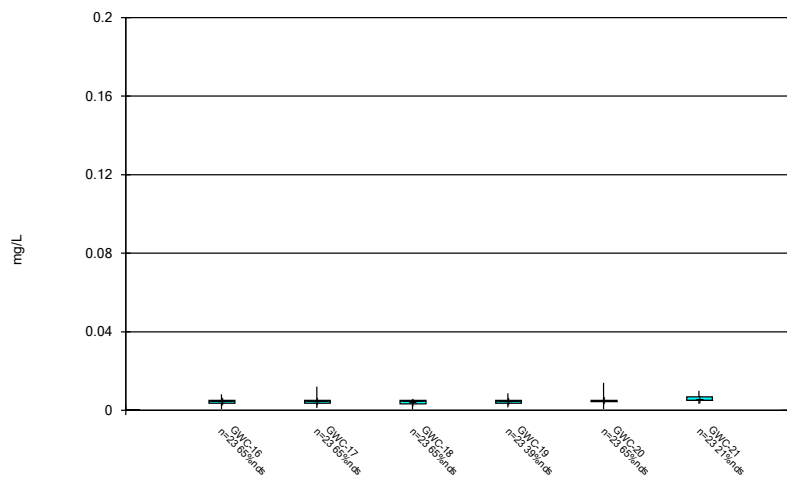
Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



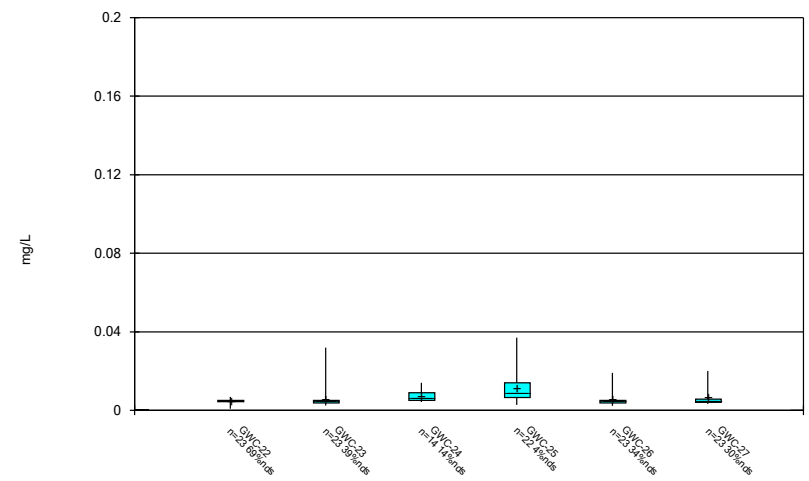
Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



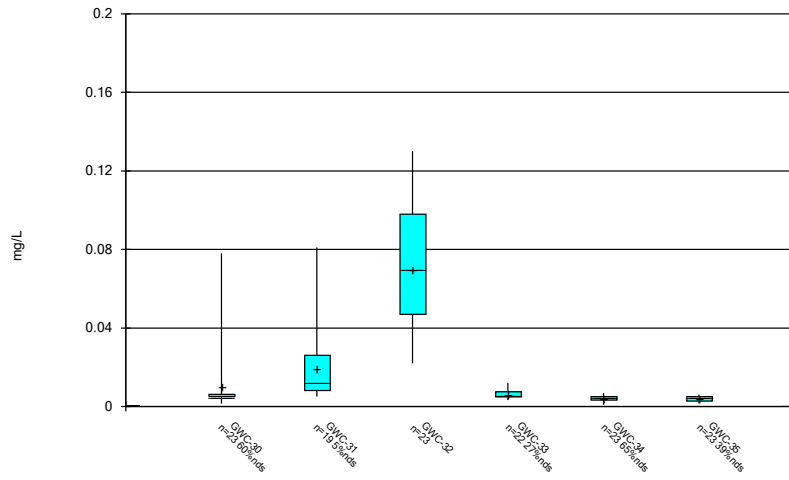
Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



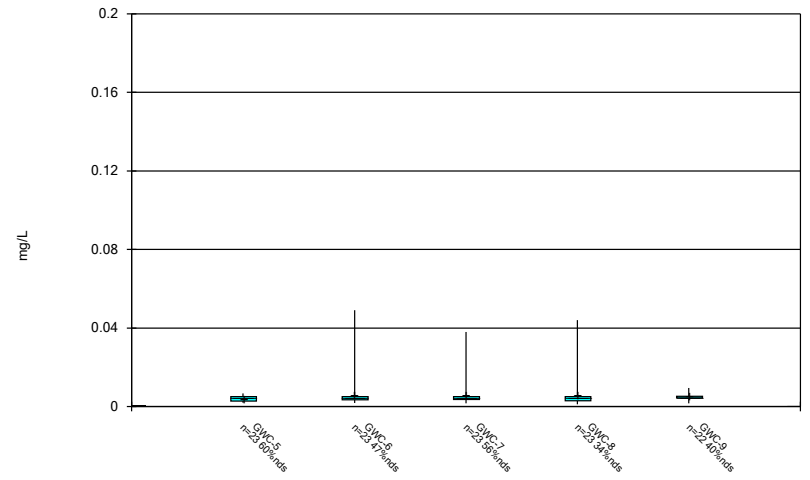
Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 10/11/2021 10:51 AM
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE C.

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 10:53 AM

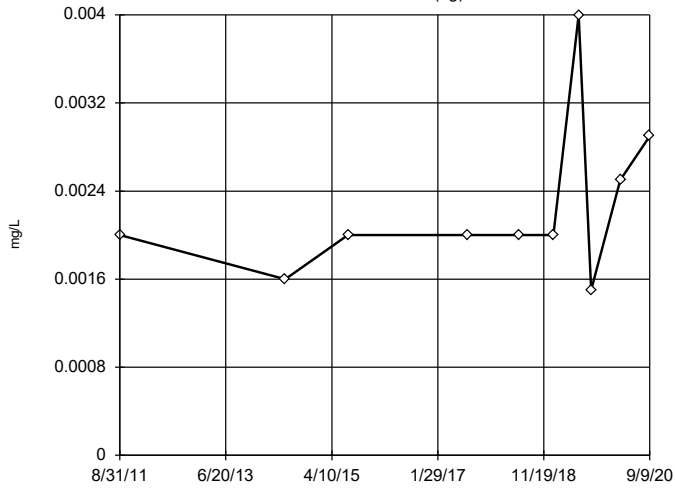
Date	GWC-16 Cobalt (mg/L)	GWC-19 Cobalt (mg/L)	GWC-23 Cobalt (mg/L)	GWC-34 Cobalt (mg/L)	GWC-8 Cobalt (mg/L)	GWC-9 Cobalt (mg/L)	GWC-10 Cobalt (mg/L)	GWC-14 Copper (mg/L)	GWC-20 Copper (mg/L)	GWC-27 Copper (mg/L)	GWC-18 Lead (mg/L)
8/30/2011	0.0033 (O)										
9/7/2011					0.14 (O)	0.27 (O)					
9/16/2011		0.0037 (O)									
12/5/2011					0.17 (O)						
12/13/2011		0.003 (O)									
2/7/2012											
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)				
3/29/2016											
5/19/2016											
7/22/2016											
9/15/2016											
9/16/2016											
9/19/2016											
11/17/2016											
1/25/2017											
1/26/2017											
1/31/2017											
2/2/2017	0.011 (O)										
3/22/2017											
5/2/2017											
5/3/2017											
8/3/2017			0.027 (O)								
8/7/2017								0.0054 (O)			
10/3/2017											
6/20/2018											
1/31/2019											
9/10/2020							0.0083 (o)				

Tukey's Outlier Test - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 12:02 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.00225	0.0007337	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.002364	0.002158	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.001906	0.0007772	unknown	ShapiroWilk
Nickel (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.002232	0.001544	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.00277	0.001514	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-24	No	n/a	n/a	NP	NaN	12	0.002179	0.0006125	ln(x)	ShapiroWilk
Silver (mg/L)	GWA-3 (bg)	n/a	n/a	n/a	NP	NaN	10	0.001	0	unknown	ShapiroWilk
Silver (mg/L)	GWC-10	n/a	n/a	n/a	NP	NaN	10	0.00145	0.001423	unknown	ShapiroWilk
Silver (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.0009742	0.00008949	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.00139	0.0006082	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	10	0.00159	0.0008439	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-24	n/a	n/a	n/a	NP	NaN	12	0.001117	0.0002125	unknown	ShapiroWilk
Zinc (mg/L)	GWA-3 (bg)	No	n/a	n/a	NP	NaN	10	0.01715	0.01016	x^(1/3)	ShapiroWilk
Zinc (mg/L)	GWC-10	No	n/a	n/a	NP	NaN	11	0.02267	0.03633	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-24	No	n/a	n/a	NP	NaN	12	0.009408	0.005214	ln(x)	ShapiroWilk

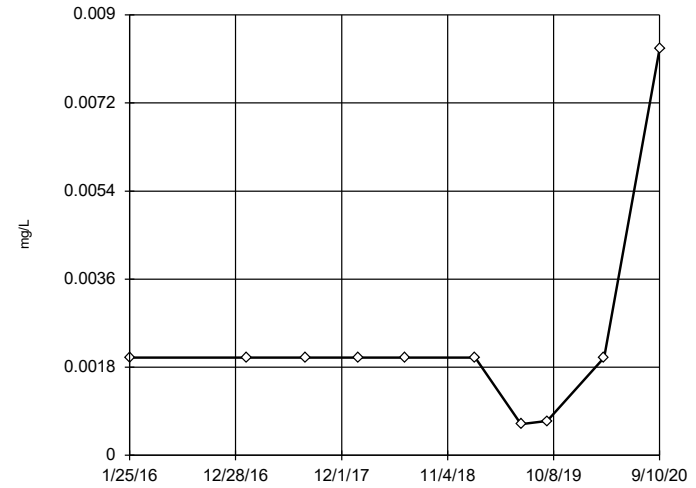
Tukey's Outlier Screening
GWA-3 (bg)



n = 10
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.009182,
low cutoff = 0.0005246,
based on IQR multiplier of 3.

Constituent: Copper Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

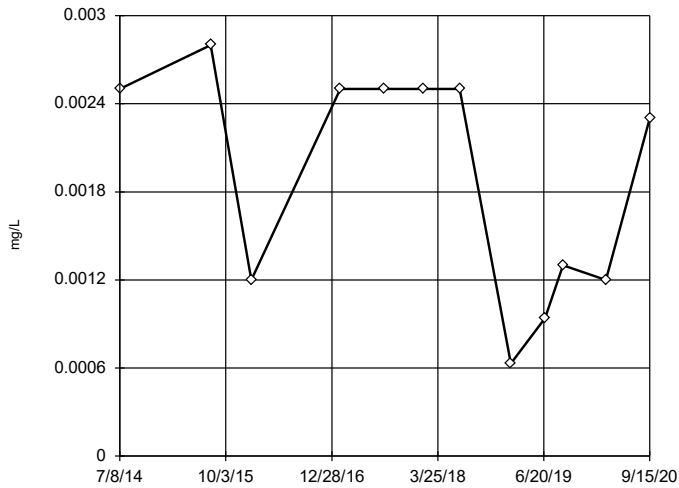
Tukey's Outlier Screening
GWC-10



n = 10
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.009659,
low cutoff = 0.000245,
based on IQR multiplier of 3.

Constituent: Copper Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

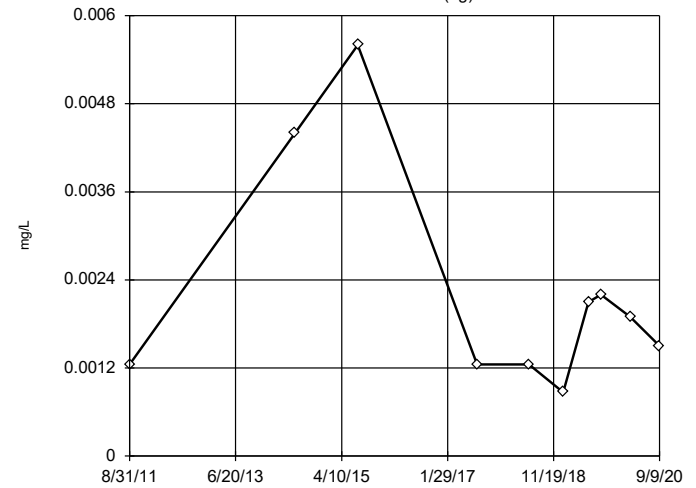
Tukey's Outlier Screening
GWC-24



n = 12
No outliers found.
Tukey's method selected by user.
Data were x*5 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Copper Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

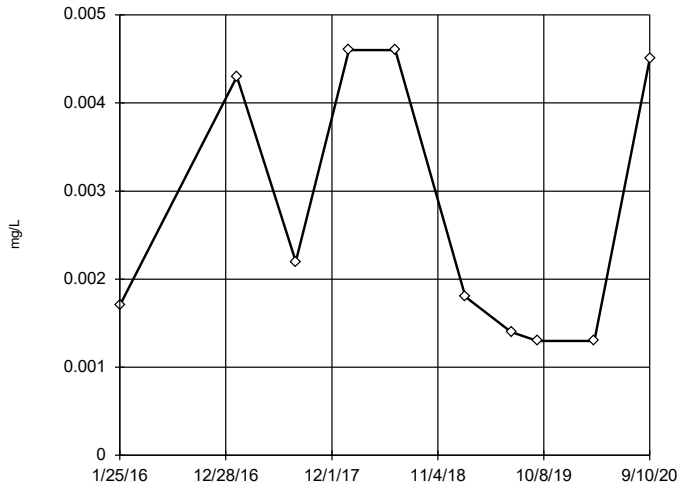
Tukey's Outlier Screening
GWA-3 (bg)



n = 10
No outliers found.
Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.04798,
low cutoff = 0.00008106,
based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

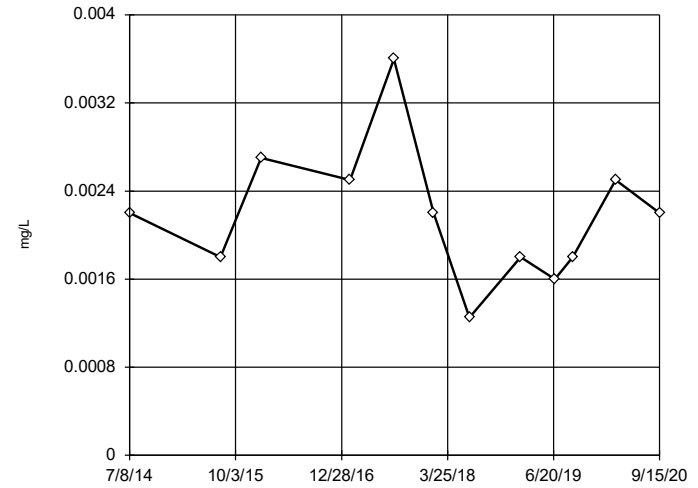
Tukey's Outlier Screening
GWC-10



n = 10
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.1745, low cutoff = 0.00003517, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

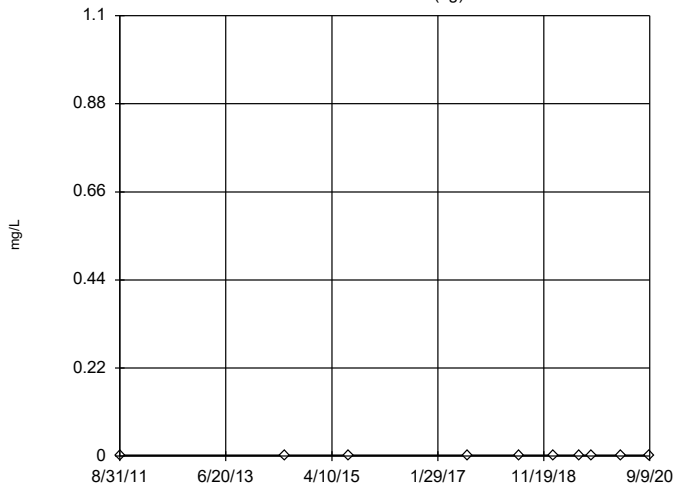
Tukey's Outlier Screening
GWC-24



n = 12
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.006698, low cutoff = 0.0006718, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

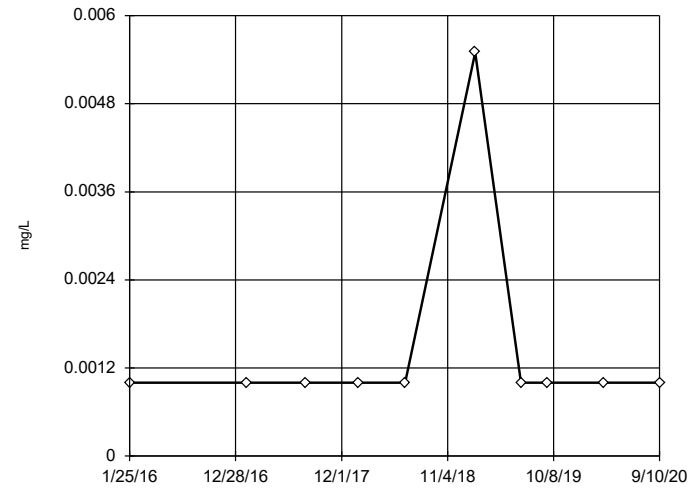
Tukey's Outlier Screening
GWA-3 (bg)



n = 10
No outliers found. Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

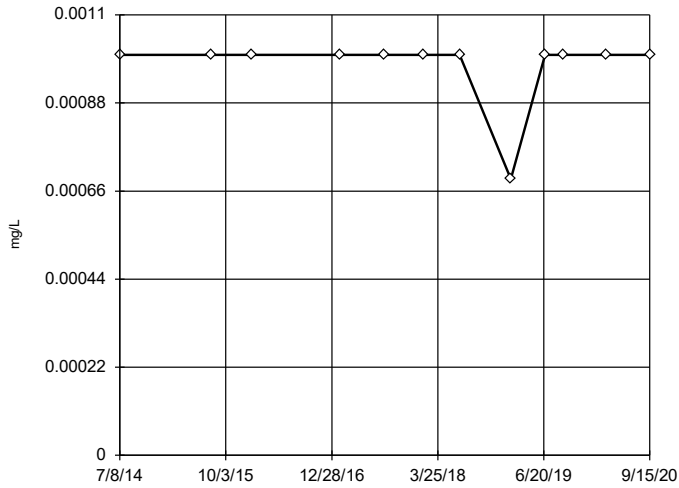
Tukey's Outlier Screening
GWC-10



n = 10
No outliers found. Tukey's method selected by user.
Data were x^6 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

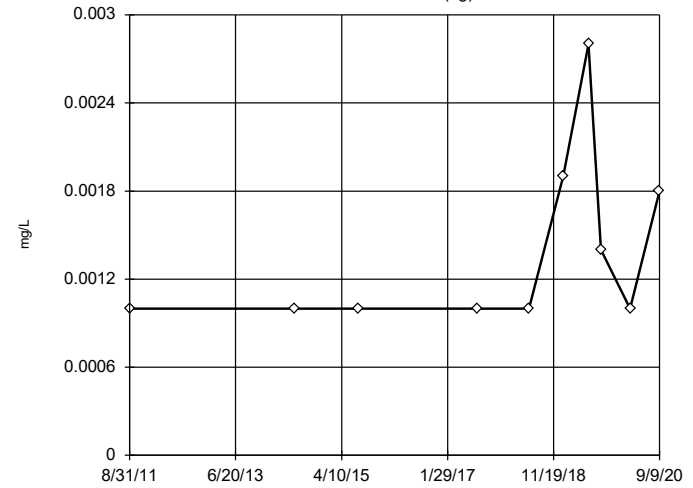
Tukey's Outlier Screening
GWC-24



n = 12
No outliers found. Tukey's method selected by user.
Data were square root transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

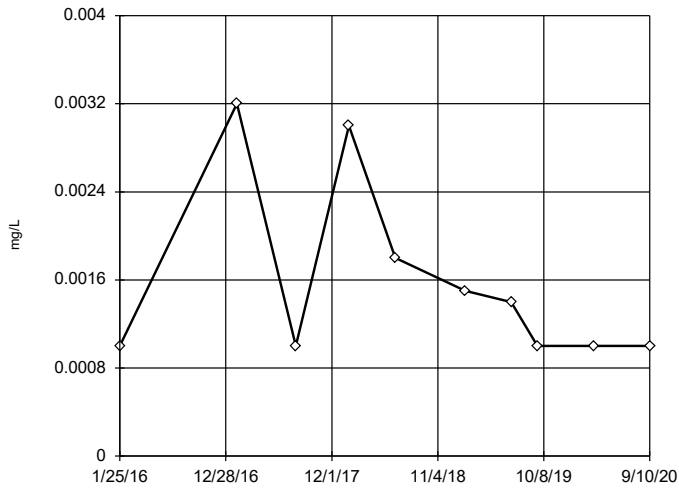
Tukey's Outlier Screening
GWA-3 (bg)



n = 10
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.0117, low cutoff = 0.0001581, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

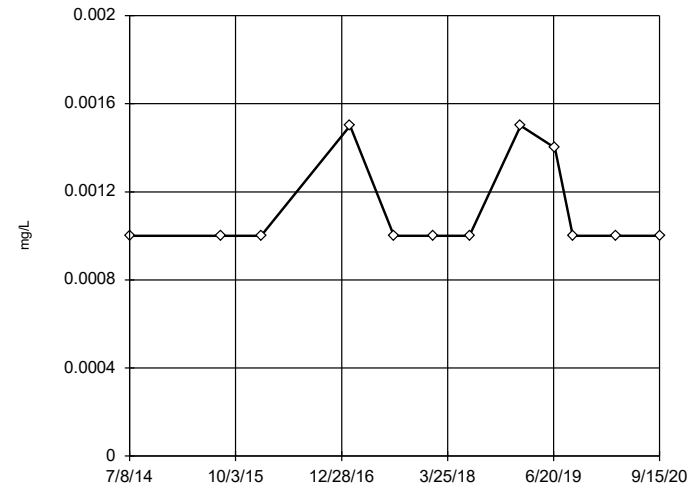
Tukey's Outlier Screening
GWC-10



n = 10
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.02916, low cutoff = 0.00007969, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

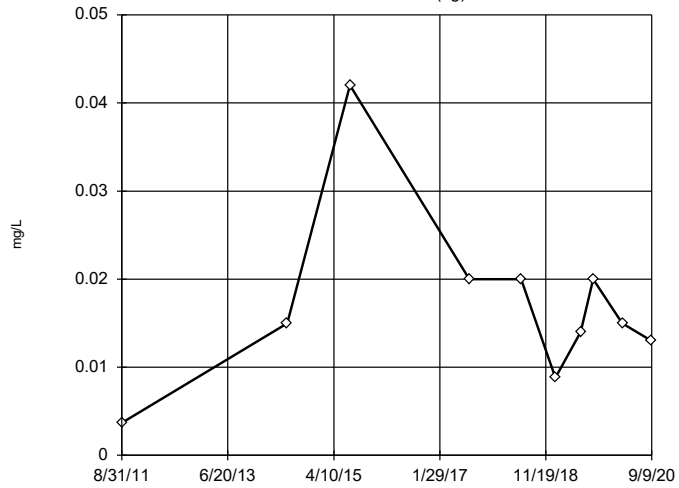
Tukey's Outlier Screening
GWC-24



n = 12
No outliers found. Tukey's method selected by user.
Data were x^6 transformed to achieve best W statistic (graph shown in original units).
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Vanadium Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

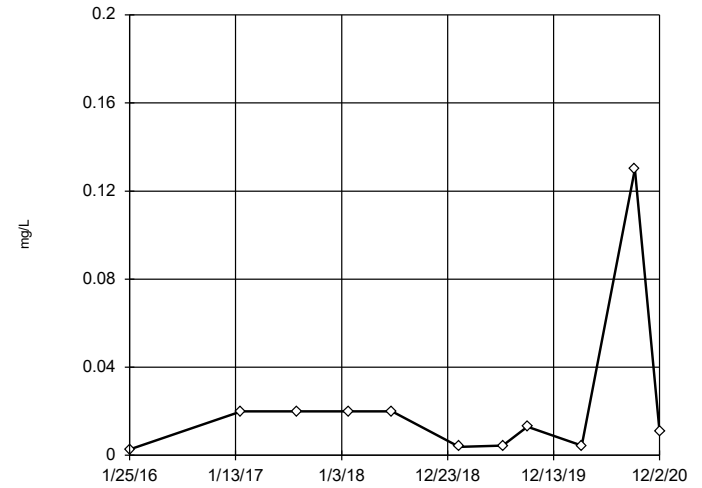
Tukey's Outlier Screening
GWA-3 (bg)



n = 10
No outliers found. Tukey's method selected by user.
Data were cube root transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.07589, low cutoff = 0.0003264, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

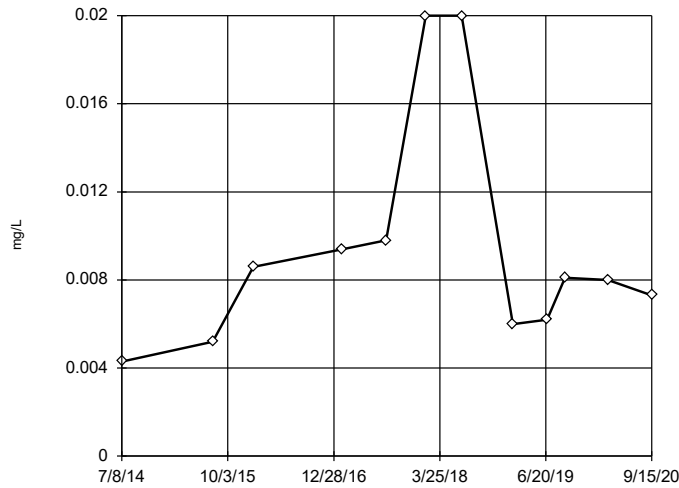
Tukey's Outlier Screening
GWC-10



n = 11
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 1.878, low cutoff = 0.00004685, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Tukey's Outlier Screening
GWC-24



n = 12
No outliers found. Tukey's method selected by user.
Data were natural log transformed to achieve best W statistic (graph shown in original units).
High cutoff = 0.0374, low cutoff = 0.001565, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 10/11/2021 12:01 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE D.

Trend Tests - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 12:12 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	GWA-3 (bg)	0.00009964	15	30	No	10	50	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-10	0	-9	-25	No	9	77.78	n/a	n/a	0.01	NP
Copper (mg/L)	GWC-24	-0.00009372	-23	-38	No	12	41.67	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	0	-2	-30	No	10	30	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-10	-0.0001097	-11	-30	No	10	0	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-24	-0.00004972	-9	-38	No	12	8.333	n/a	n/a	0.01	NP
Silver (mg/L)	GWA-3 (bg)	0	0	30	No	10	100	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-10	0	0	25	No	9	100	n/a	n/a	0.01	NP
Silver (mg/L)	GWC-24	0	-3	-38	No	12	91.67	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-3 (bg)	0.00004978	16	30	No	10	60	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-10	-0.0003303	-17	-30	No	10	50	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-24	0	1	38	No	12	75	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0	-3	-30	No	10	20	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-10	0	-6	-30	No	10	40	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-24	0.0003958	9	38	No	12	16.67	n/a	n/a	0.01	NP

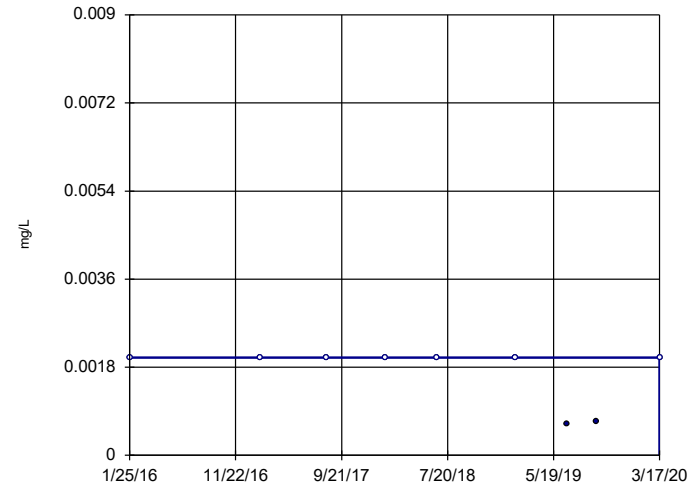
Sen's Slope Estimator
GWA-3 (bg)



n = 10
Slope = 0.00009964
units per year.
Mann-Kendall
statistic = 15
critical = 30
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Copper Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

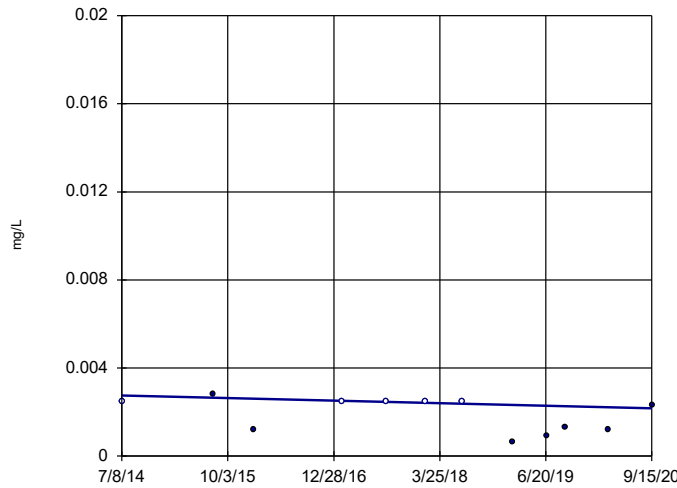
Sen's Slope Estimator
GWC-10



n = 9
Slope = 0
units per year.
Mann-Kendall
statistic = -9
critical = -25
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Copper Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

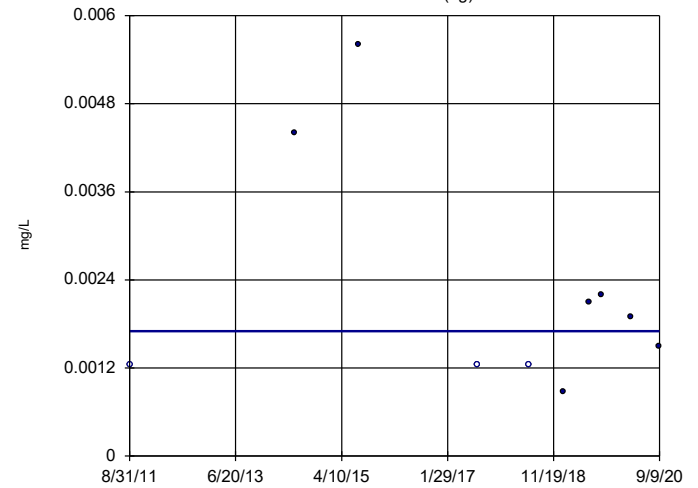
Sen's Slope Estimator
GWC-24



n = 12
Slope = -0.00009372
units per year.
Mann-Kendall
statistic = -23
critical = -38
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Copper Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

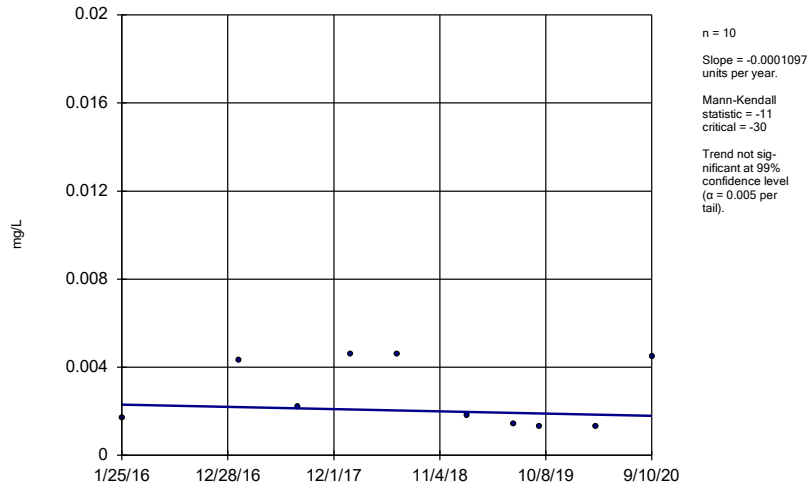
Sen's Slope Estimator
GWA-3 (bg)



n = 10
Slope = 0
units per year.
Mann-Kendall
statistic = -2
critical = -30
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

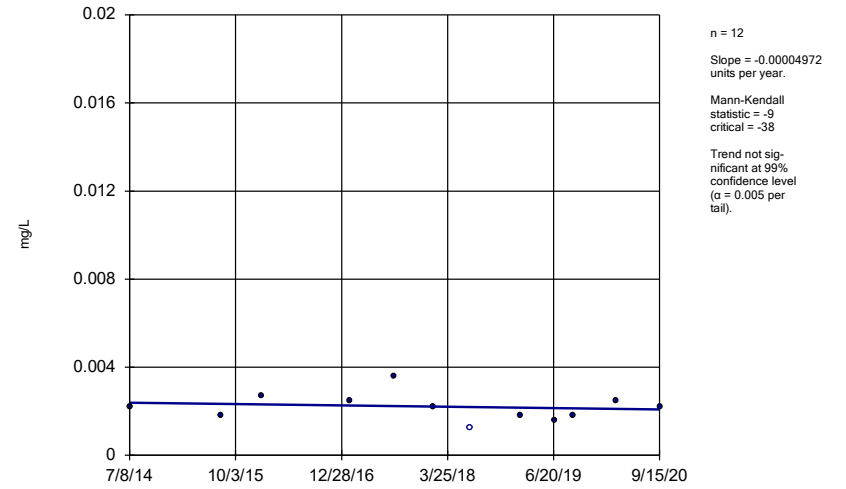
Constituent: Nickel Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-10



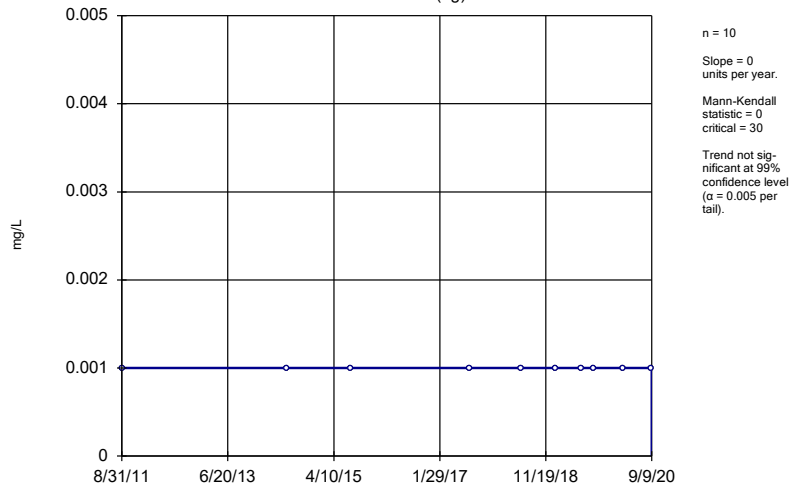
Constituent: Nickel Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-24



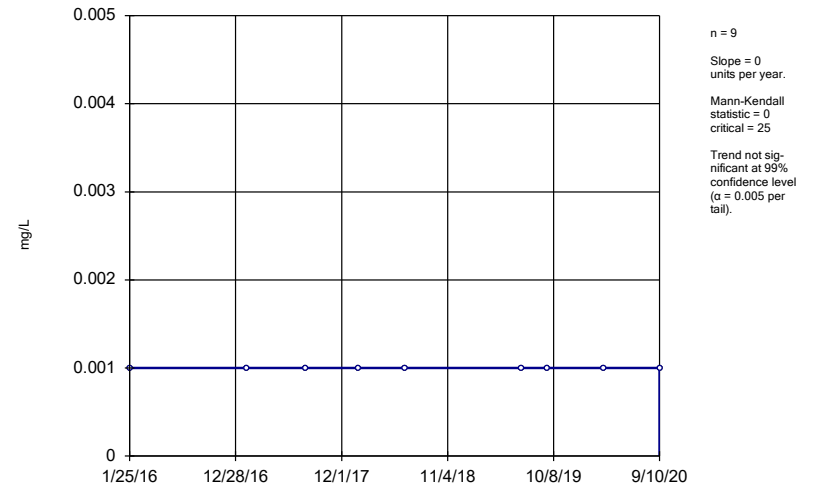
Constituent: Nickel Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



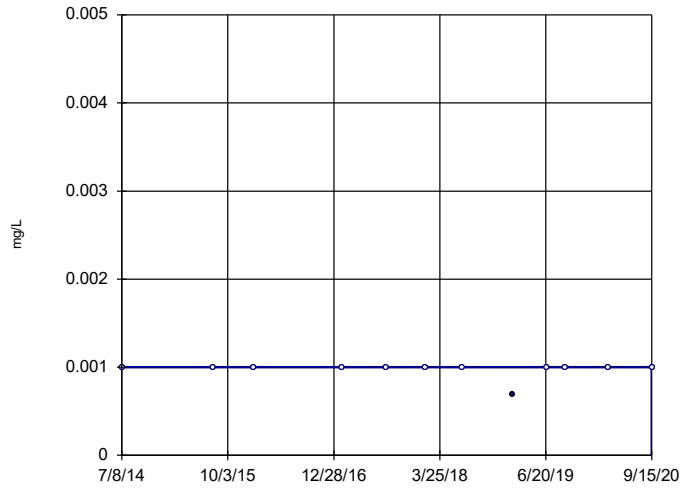
Constituent: Silver Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-10



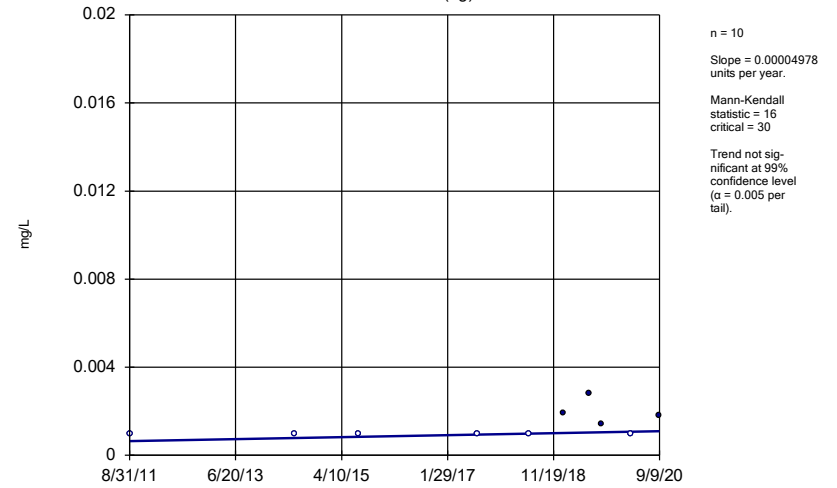
Constituent: Silver Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-24



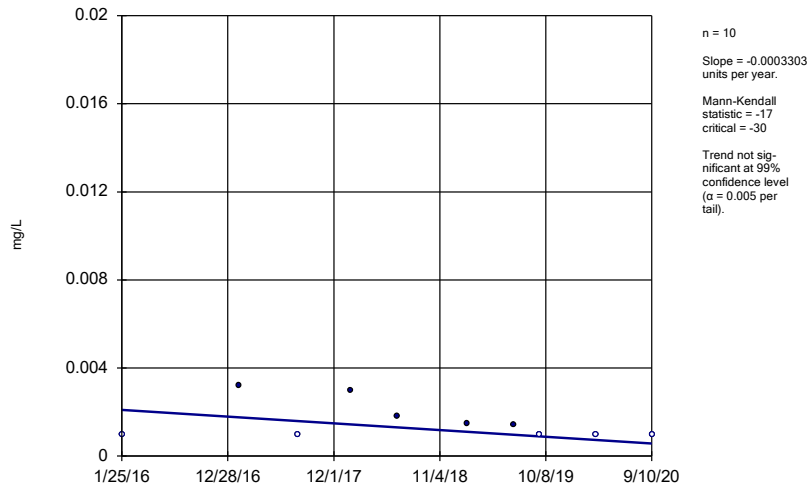
Constituent: Silver Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



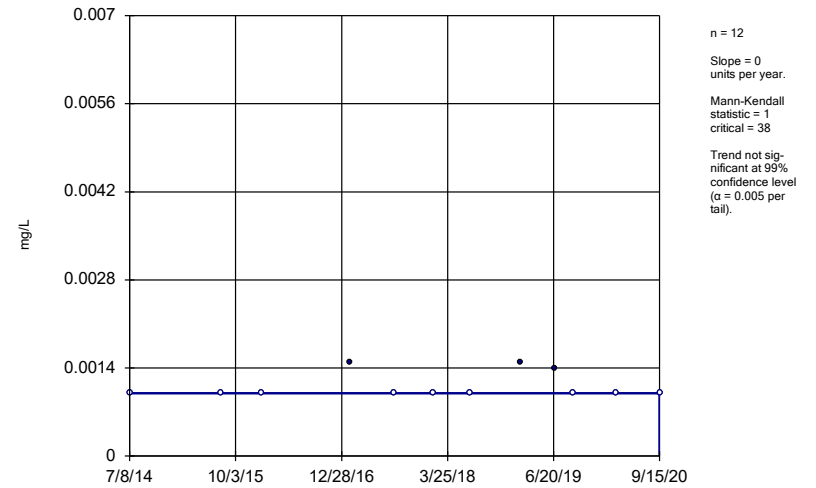
Constituent: Vanadium Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-10



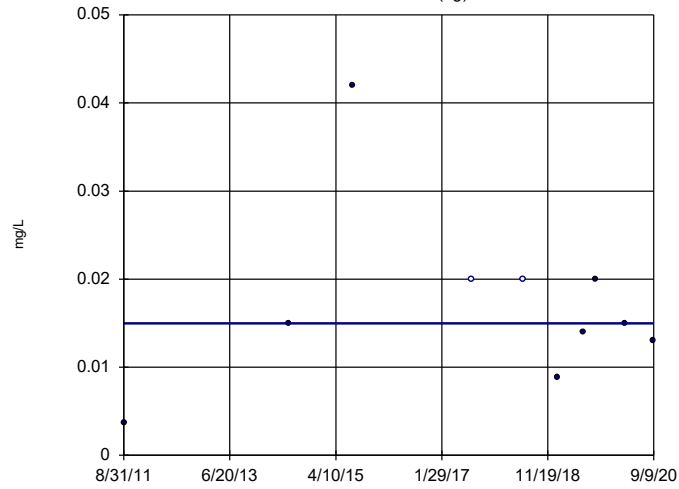
Constituent: Vanadium Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-24



Constituent: Vanadium Analysis Run 10/11/2021 12:07 PM View: Update
Plant Wansley Client: Southern Company Data: Wansley Landfill

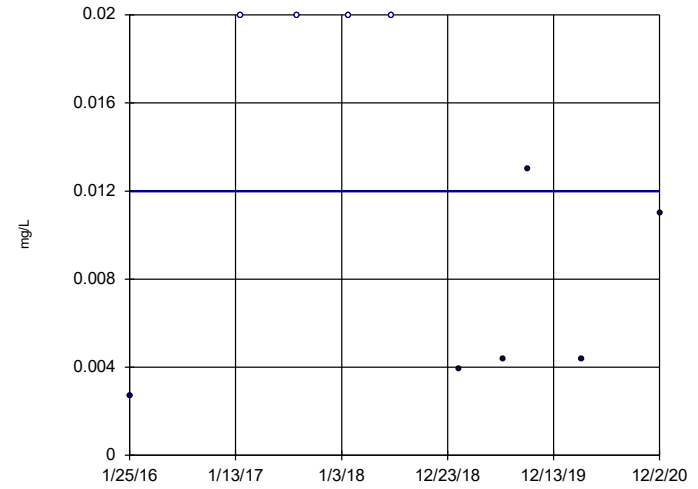
Sen's Slope Estimator
 GWA-3 (bg)



n = 10
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -3
 critical = -30
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Zinc Analysis Run 10/11/2021 12:07 PM View: Update
 Plant Wansley Client: Southern Company Data: Wansley Landfill

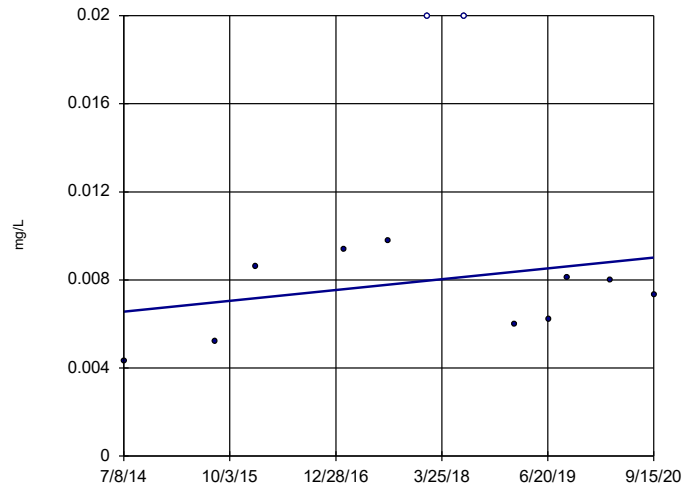
Sen's Slope Estimator
 GWC-10



n = 10
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -6
 critical = -30
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Zinc Analysis Run 10/11/2021 12:07 PM View: Update
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
 GWC-24



n = 12
 Slope = 0.0003958
 units per year.
 Mann-Kendall
 statistic = 9
 critical = 38
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Zinc Analysis Run 10/11/2021 12:07 PM View: Update
 Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE E.

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:39 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-14	0.117	n/a	8/23/2021	0.17	Yes	19	n/a	n/a	5.263	n/a	n/a	0.0006785	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-18	0.0383	n/a	8/24/2021	0.04	Yes	23	0.03275	0.002744	0	None	No	0.0001135	Param Intra 1 of 3
Barium (mg/L)	GWC-21	0.0348	n/a	8/19/2021	0.062	Yes	23	0.0203	0.007161	0	None	No	0.0001135	Param Intra 1 of 3
Barium (mg/L)	GWC-35	0.02169	n/a	8/18/2021	0.023	Yes	23	0.01981	0.0009285	0	None	No	0.0001135	Param Intra 1 of 3
Cobalt (mg/L)	GWC-21	0.004852	n/a	8/19/2021	0.0049	Yes	23	0.001925	0.001446	30.43	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Lead (mg/L)	GWC-24	0.001	n/a	8/19/2021	0.0015	Yes	14	n/a	n/a	100	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-26	0.001	n/a	8/19/2021	0.0015	Yes	23	n/a	n/a	100	n/a	n/a	0.0004078	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-28	0.001	n/a	8/16/2021	0.0011	Yes	16	n/a	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	8/23/2021	0.017	Yes	16	0.0662	0.02159	18.75	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	8/23/2021	0.032	Yes	16	0.00404	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01222	n/a	8/19/2021	0.014	Yes	12	0.08475	0.0104	16.67	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3

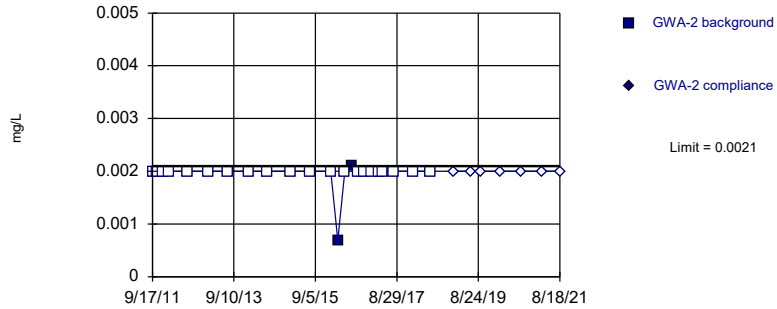
Appendix I - IntraWell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-29	0.05409	n/a	8/18/2021	0.024	No	16	0.03144	0.01021	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-3	0.04258	n/a	8/18/2021	0.038	No	10	0.01478	0.01019	20	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWA-4	0.014	n/a	8/18/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-10	0.01593	n/a	8/20/2021	0.005ND	No	10	0.06948	0.0208	40	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-11	0.008	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.0087	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	81.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-13	0.005	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.01302	n/a	8/23/2021	0.017	Yes	16	0.0662	0.02159	18.75	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-15	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-16	0.0081	n/a	8/20/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-17	0.005	n/a	8/20/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-18	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-19	0.02	n/a	8/24/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-20	0.013	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-21	0.01133	n/a	8/19/2021	0.005ND	No	16	0.07792	0.01286	25	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-22	0.0068	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-23	0.007288	n/a	8/23/2021	0.032	Yes	16	0.00404	0.001464	31.25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-24	0.01222	n/a	8/19/2021	0.014	Yes	12	0.08475	0.0104	16.67	Kaplan-Meier	sqrt(x)	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-25	0.02893	n/a	8/19/2021	0.0076	No	15	0.01086	0.007912	6.667	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-26	0.019	n/a	8/19/2021	0.0049J	No	16	n/a	n/a	37.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-27	0.02	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-30	0.009	n/a	8/23/2021	0.005ND	No	16	n/a	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-31	0.03796	n/a	8/25/2021	0.0074	No	12	0.01699	0.008457	8.333	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-32	0.1273	n/a	8/24/2021	0.022	No	16	0.06675	0.02729	0	None	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-33	0.00888	n/a	8/24/2021	0.005ND	No	15	0.005141	0.001637	26.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-34	0.005	n/a	8/24/2021	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-35	0.006162	n/a	8/18/2021	0.005ND	No	16	0.003142	0.001361	25	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-5	0.005	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-6	0.005	n/a	8/18/2021	0.0034J	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-7	0.01	n/a	8/19/2021	0.005ND	No	16	n/a	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-8	0.007153	n/a	8/20/2021	0.0046J	No	16	0.002775	0.001974	43.75	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
Zinc (mg/L)	GWC-9	0.008549	n/a	8/25/2021	0.005ND	No	15	0.003756	0.002099	46.67	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3

Within Limit

Prediction Limit Intrawell Non-parametric

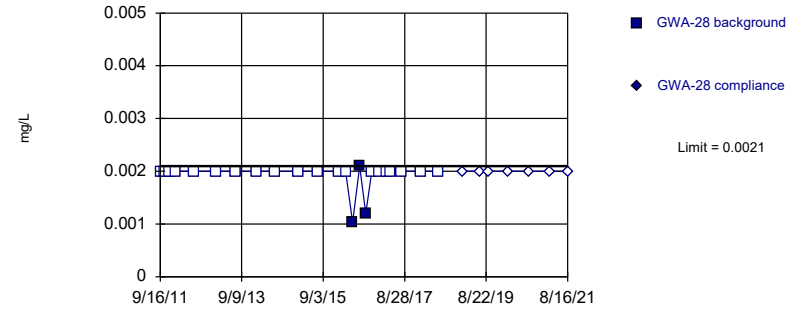


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

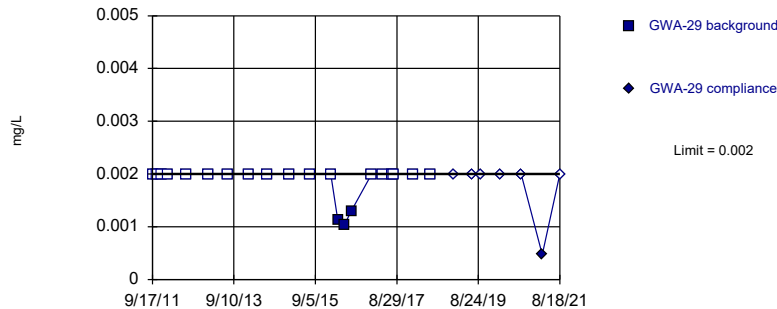


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

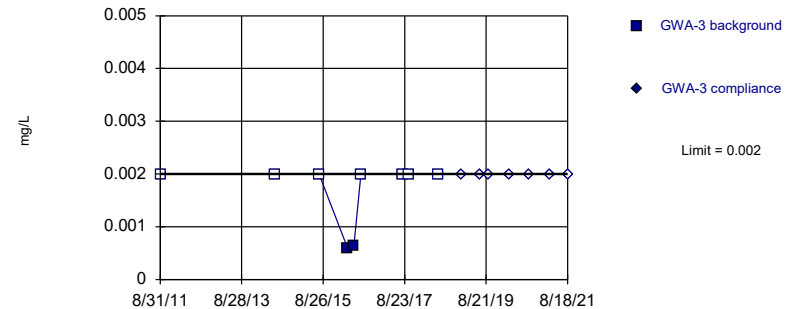


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

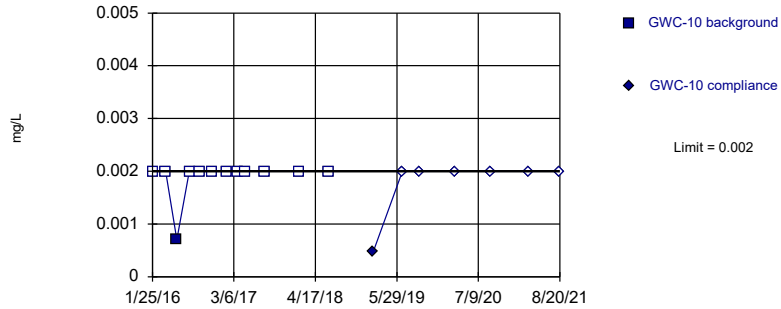


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

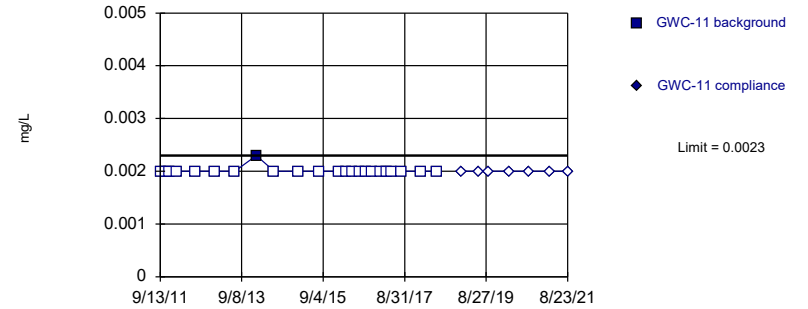


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

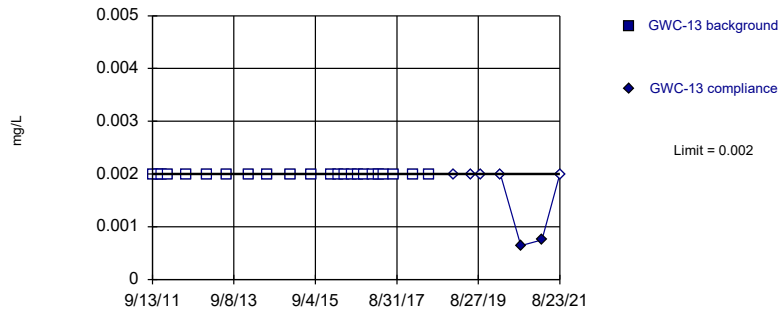


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

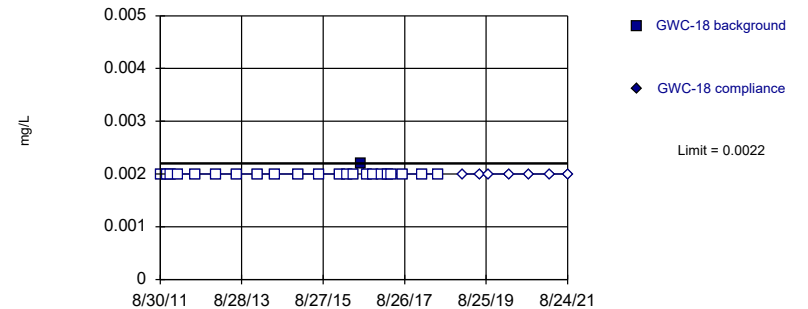


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

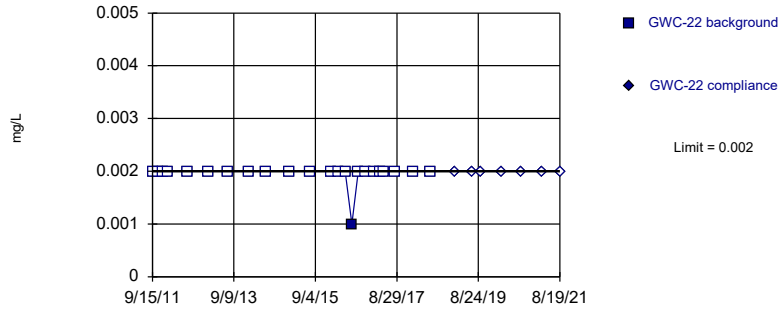


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

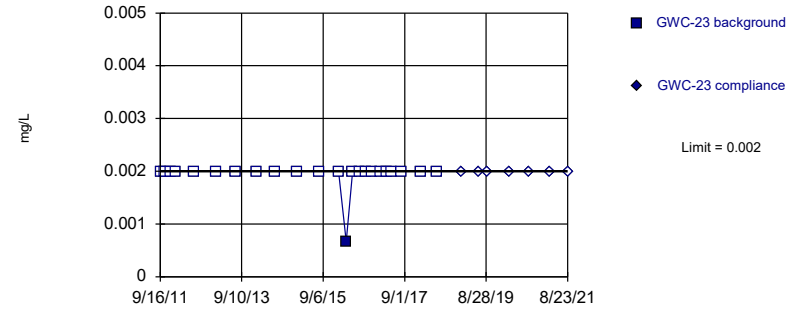


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

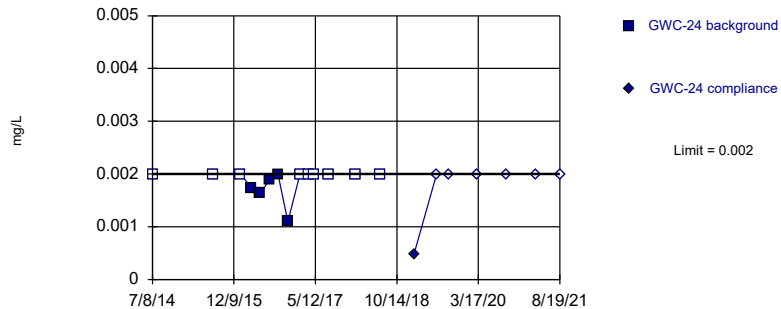


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

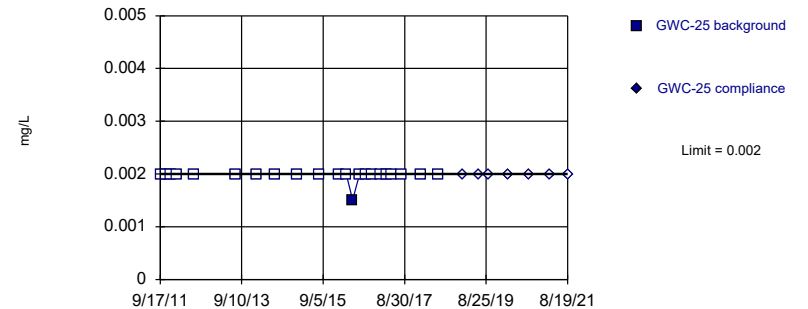


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

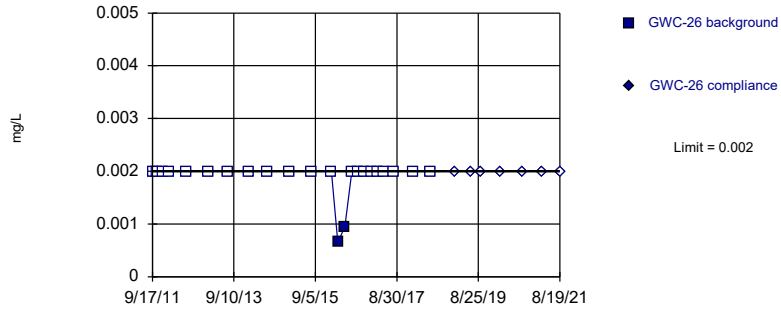


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

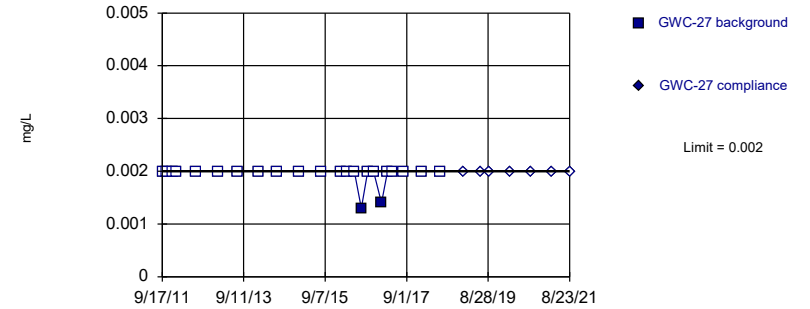


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

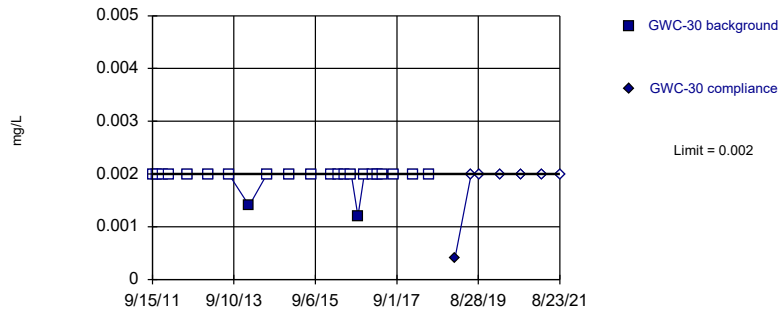


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

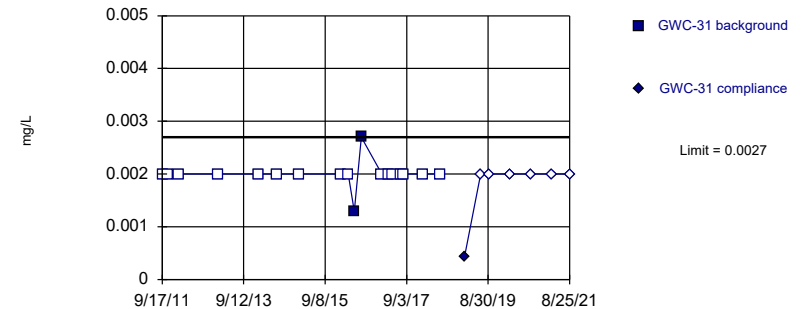


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

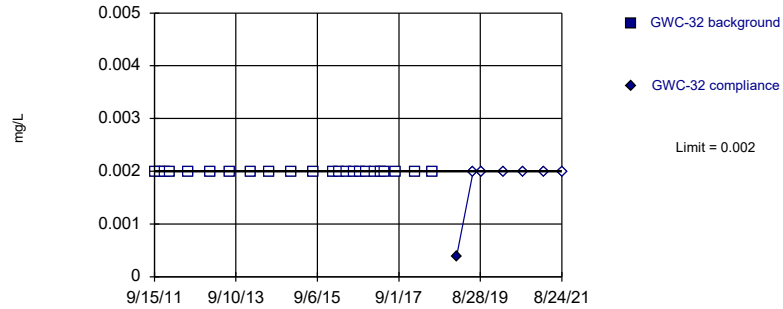


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

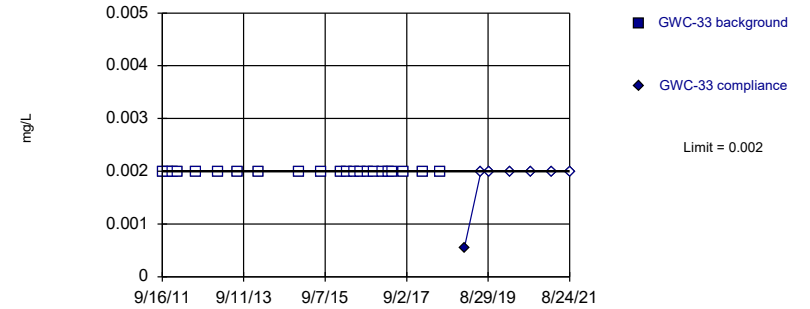


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

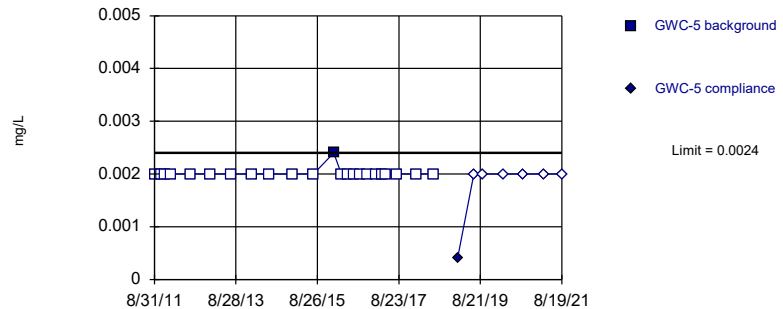


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

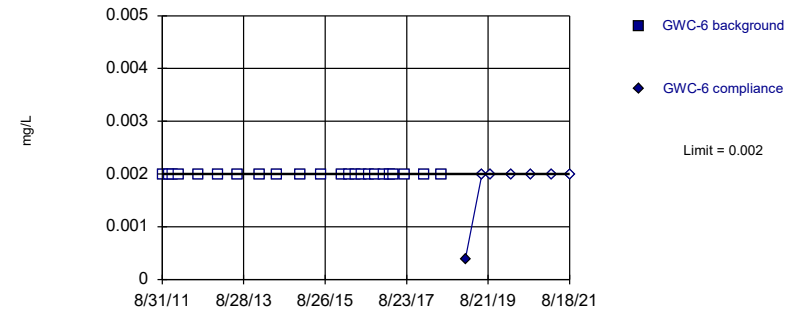


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

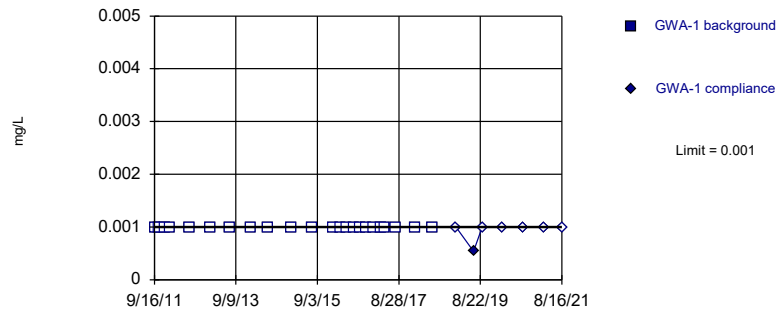


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Antimony Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

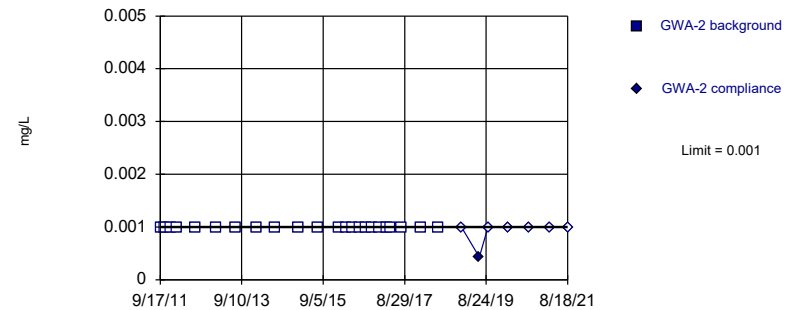


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

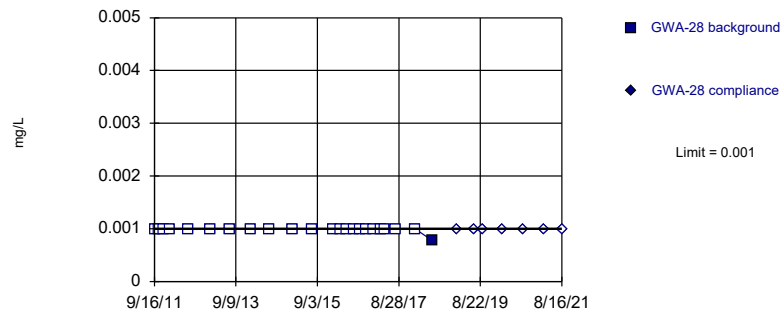


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

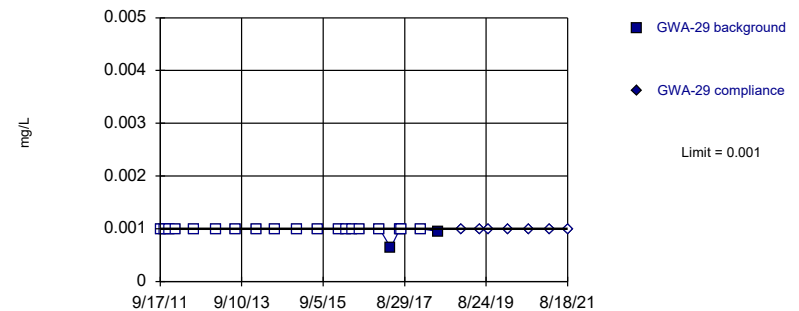


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

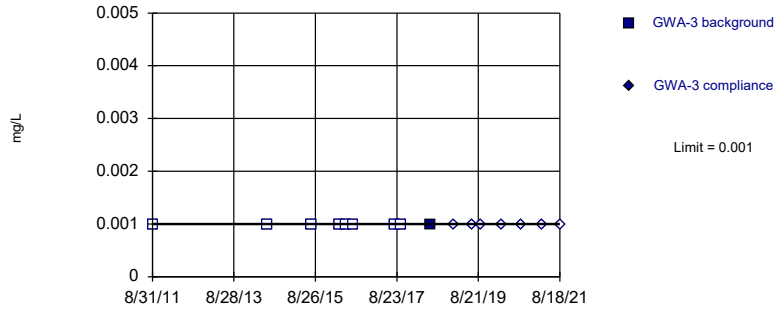


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

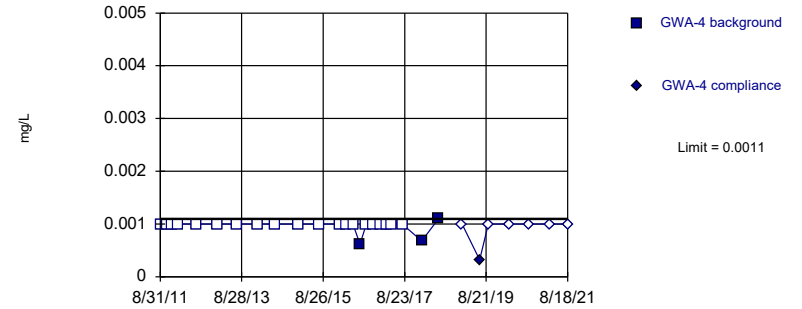


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

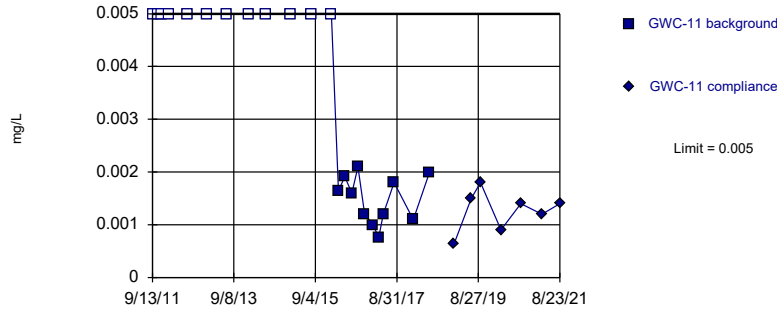


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

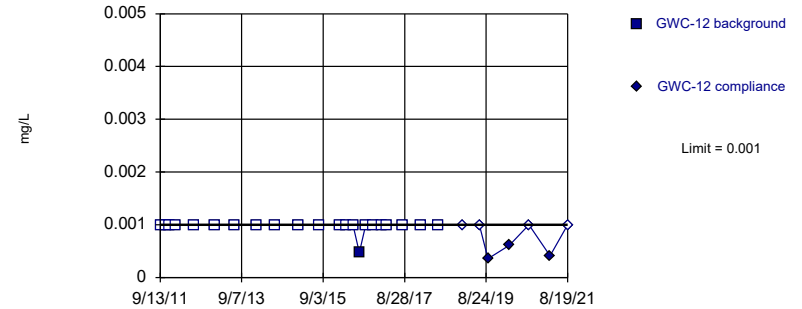


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

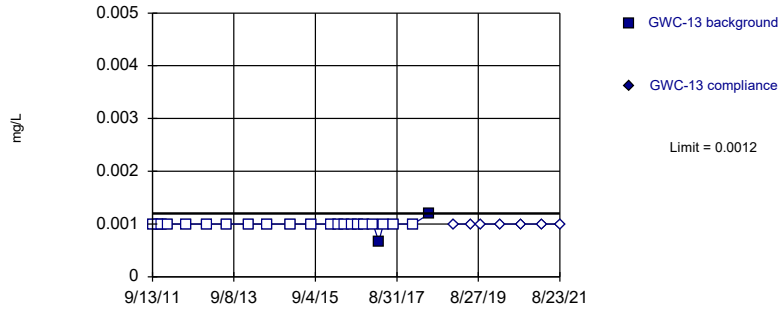


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

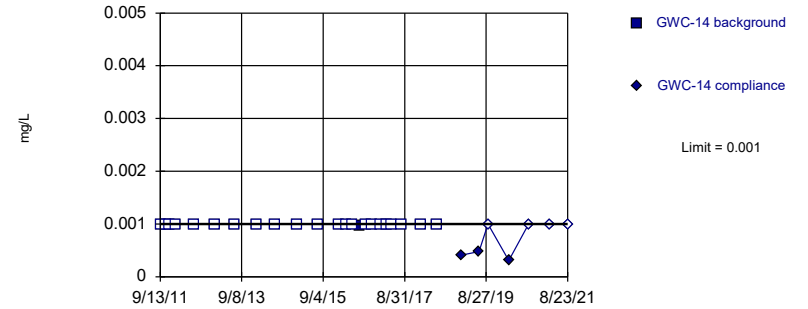


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

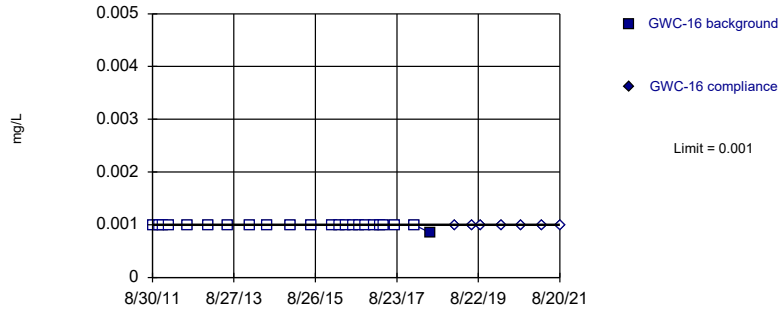


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

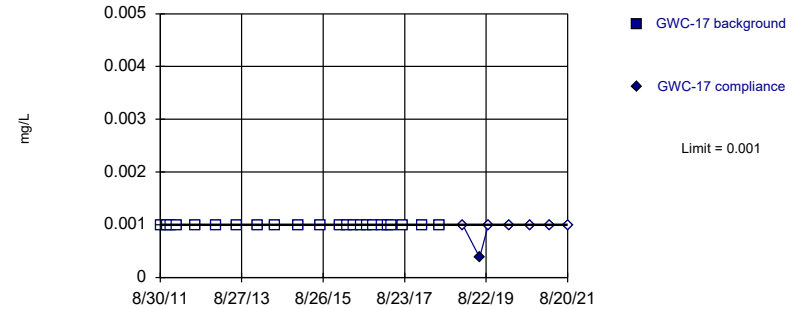


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

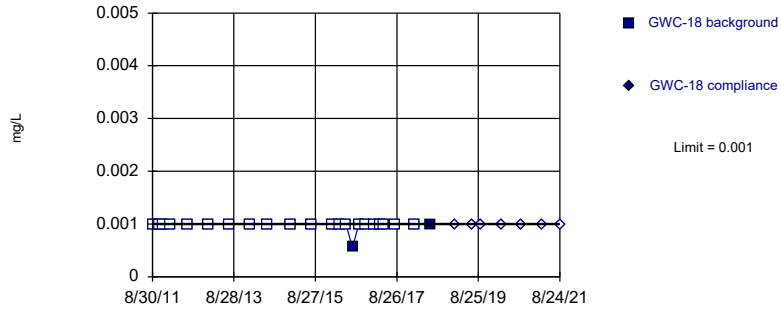


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

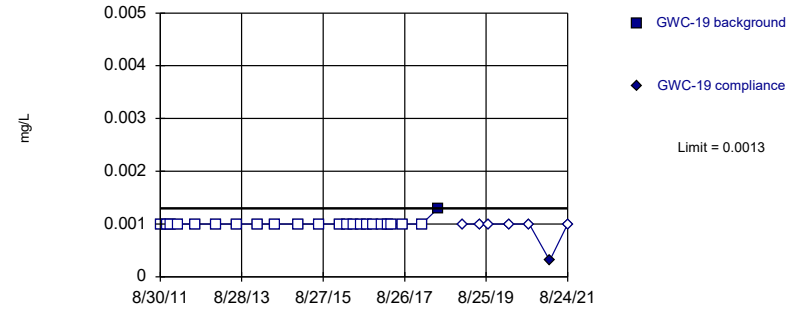


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

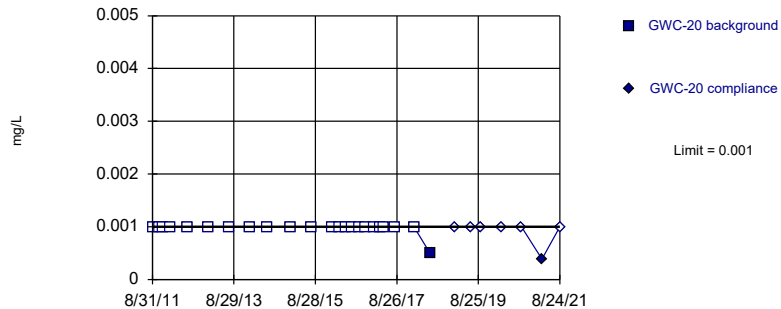


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

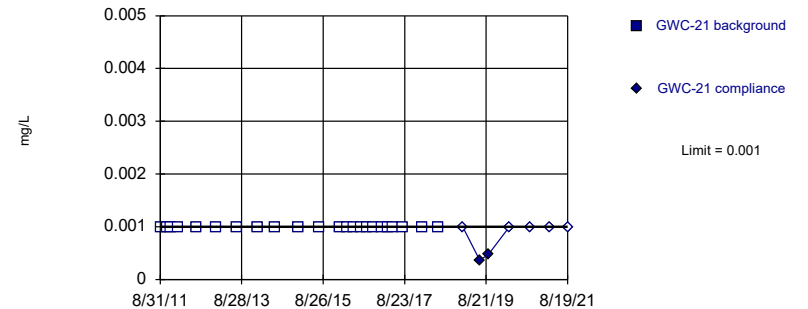


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

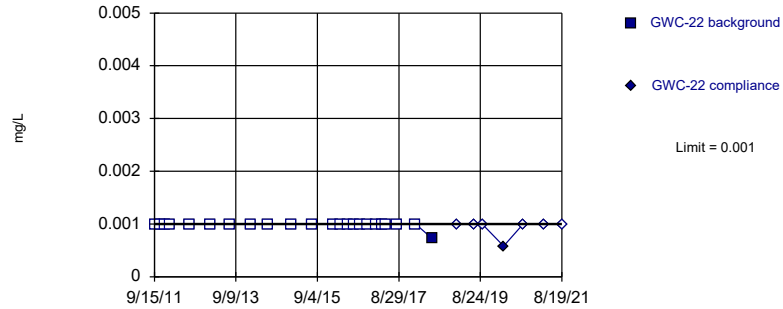


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

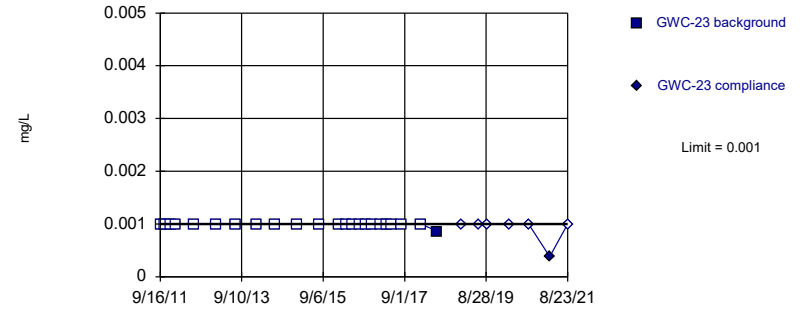


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

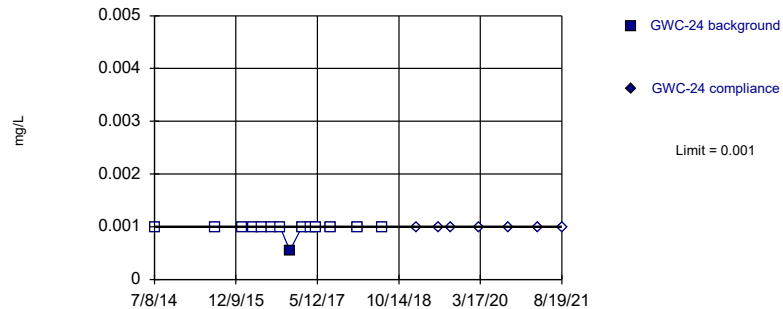


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

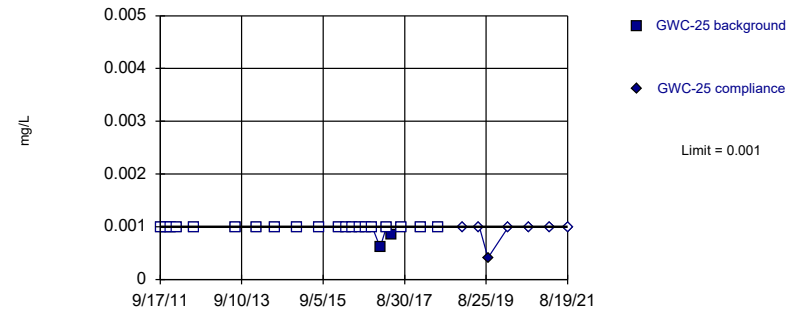


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

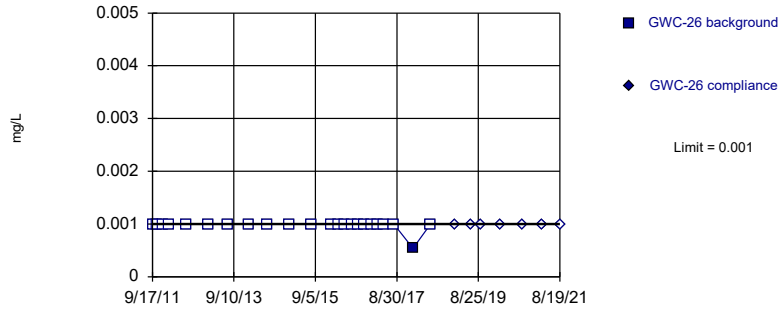


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

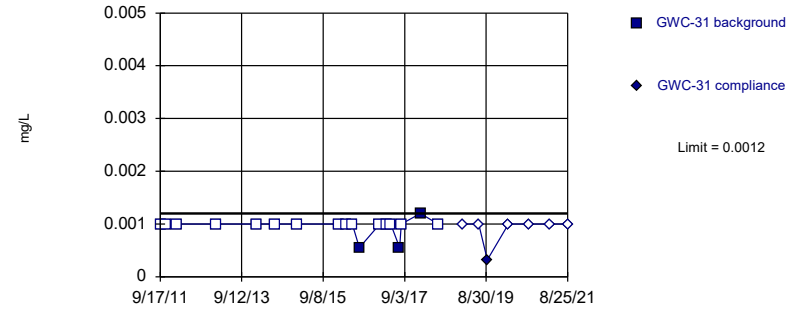


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

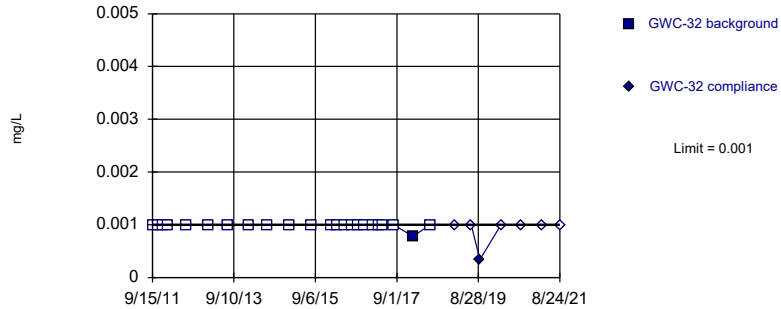


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

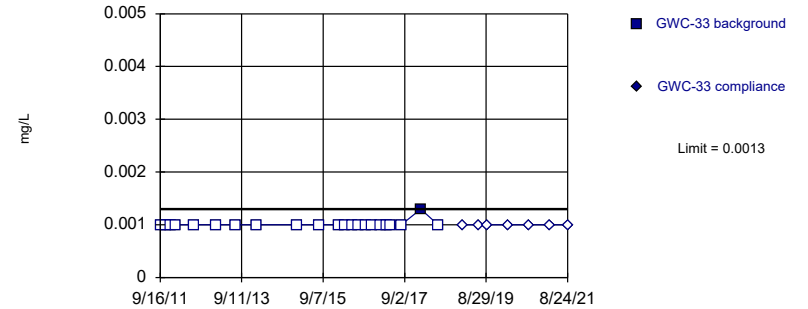


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:31 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

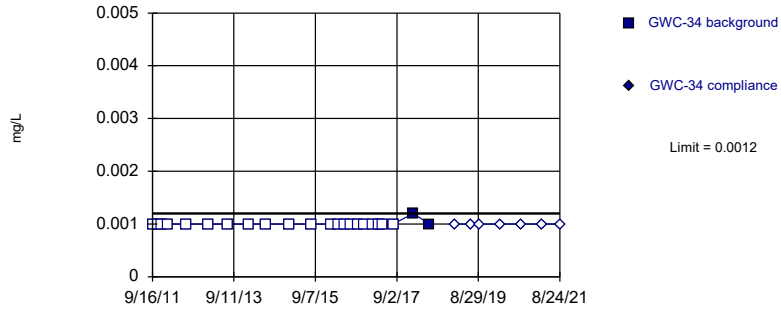


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

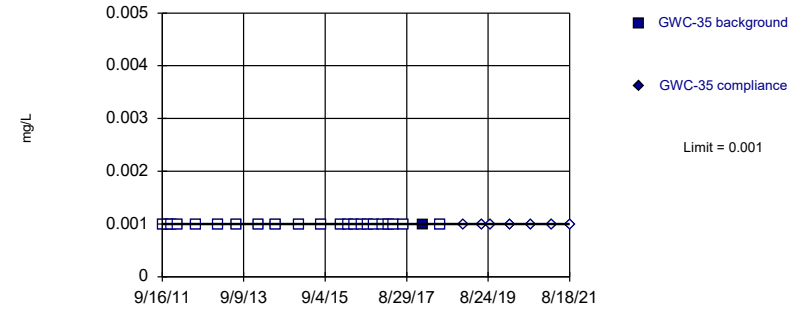


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

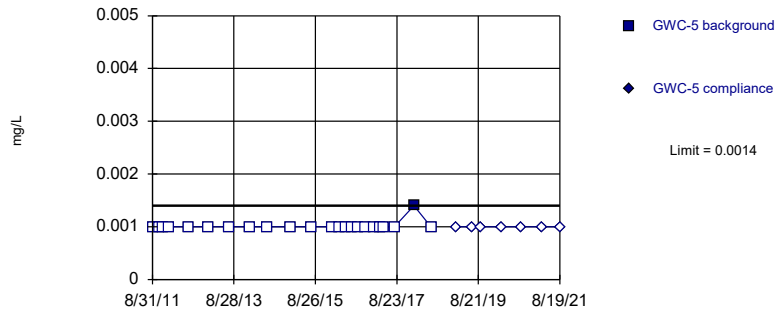


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

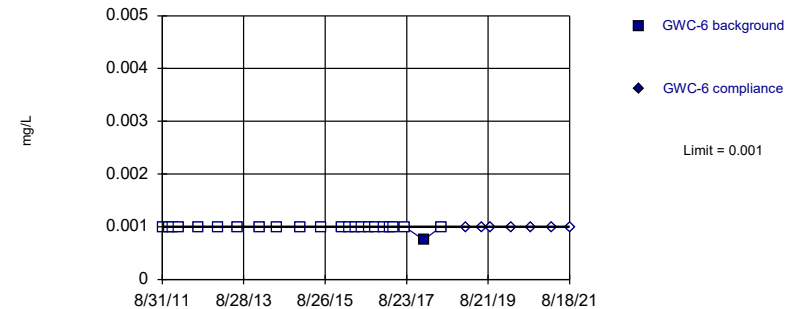


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

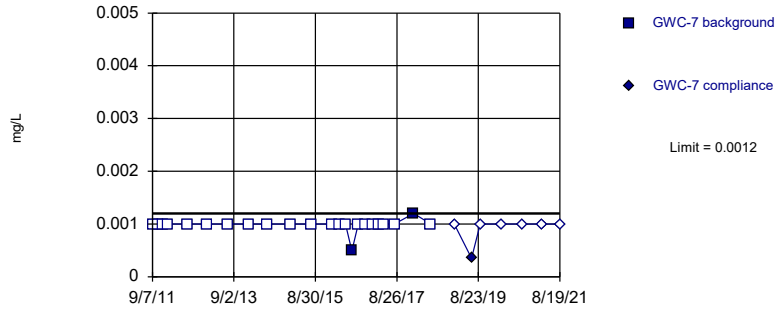


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

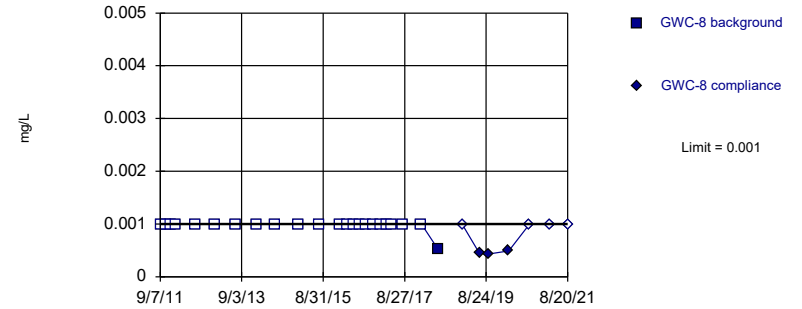


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

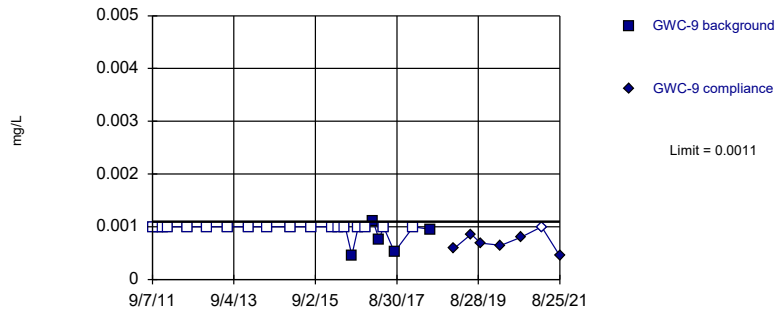


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

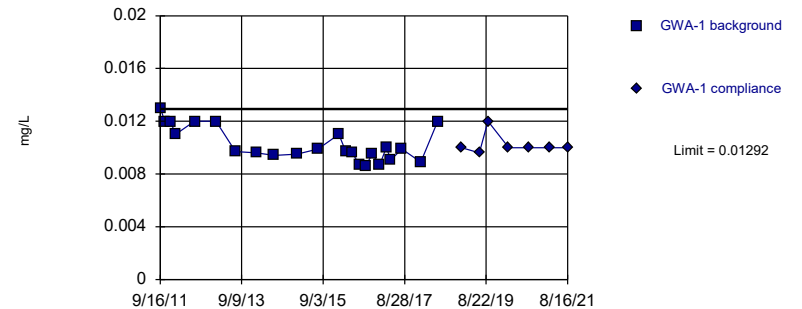


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Arsenic Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

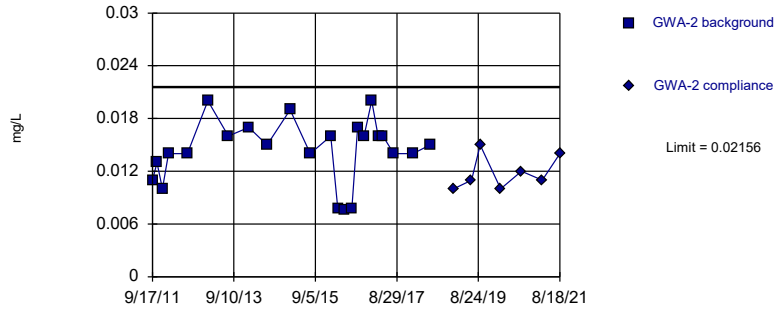


Background Data Summary: Mean=0.01025, Std. Dev.=0.001319, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8813, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

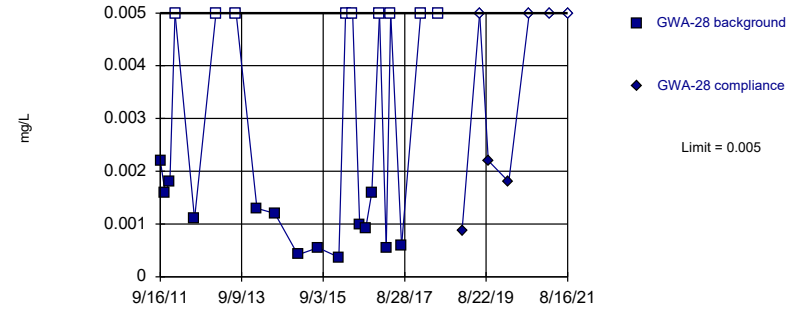


Background Data Summary: Mean=0.01435, Std. Dev.=0.003559, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

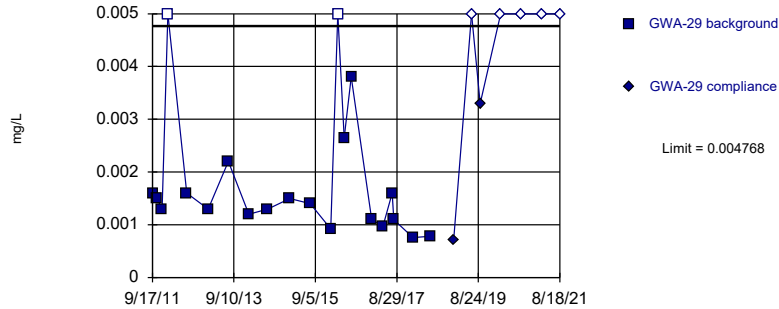


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

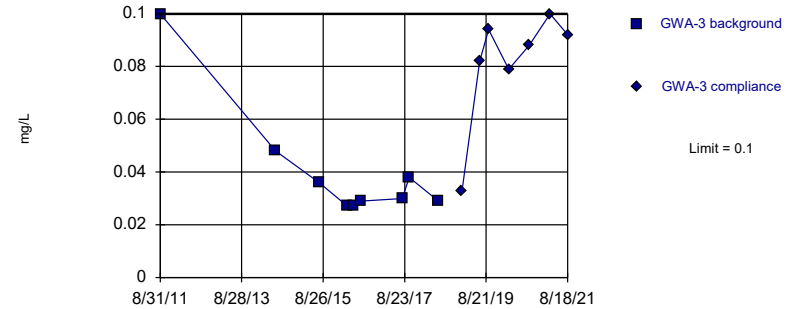


Background Data Summary (based on natural log transformation): Mean=-6.46, Std. Dev.=0.5402, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

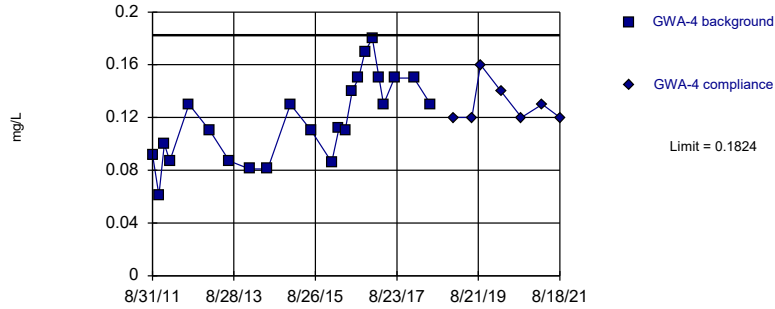


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

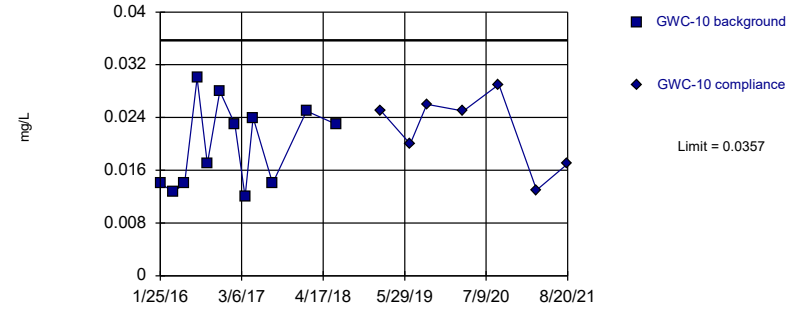


Background Data Summary: Mean=0.1186, Std. Dev.=0.03152, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

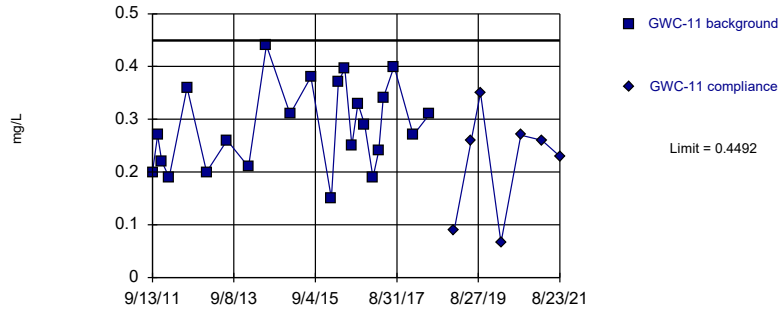


Background Data Summary: Mean=0.01973, Std. Dev.=0.006441, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

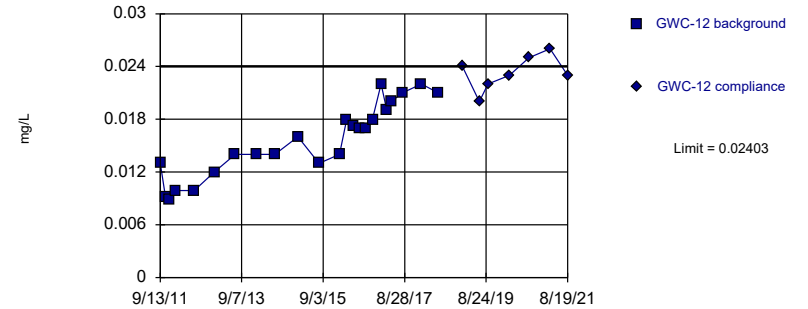


Background Data Summary: Mean=0.286, Std. Dev.=0.08062, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

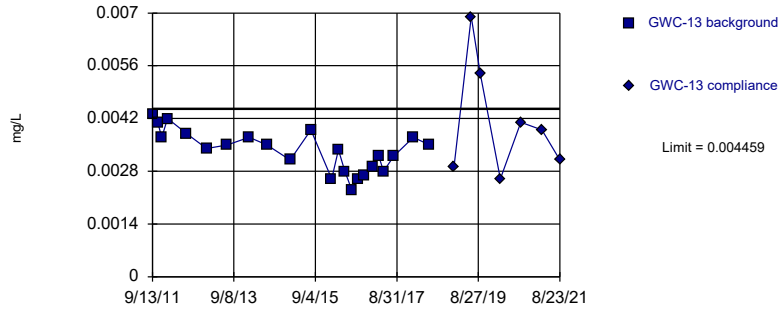


Background Data Summary: Mean=0.01566, Std. Dev.=0.004138, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

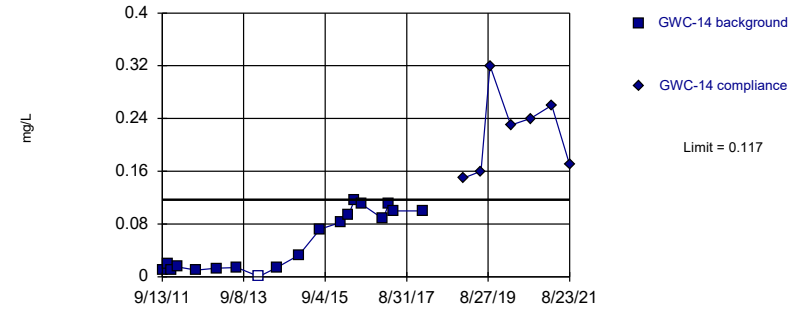


Background Data Summary: Mean=0.003342, Std. Dev.=0.0005516, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9727, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

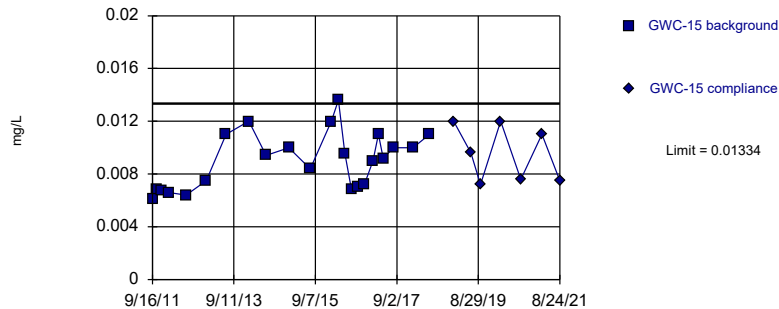


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. 5.263% NDs. Well-constituent pair annual alpha = 0.001357. Individual comparison alpha = 0.0006785 (1 of 3).

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

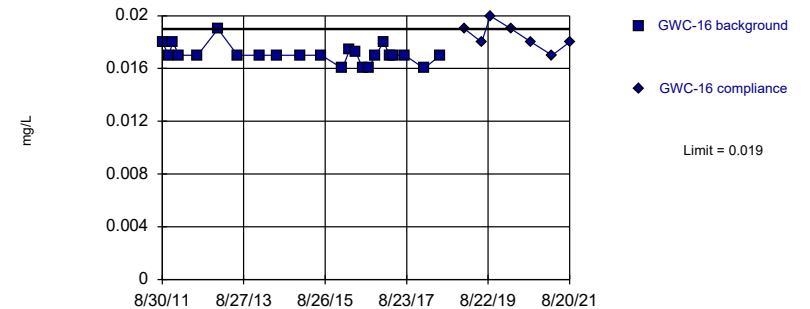


Background Data Summary: Mean=0.009012, Std. Dev.=0.002137, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

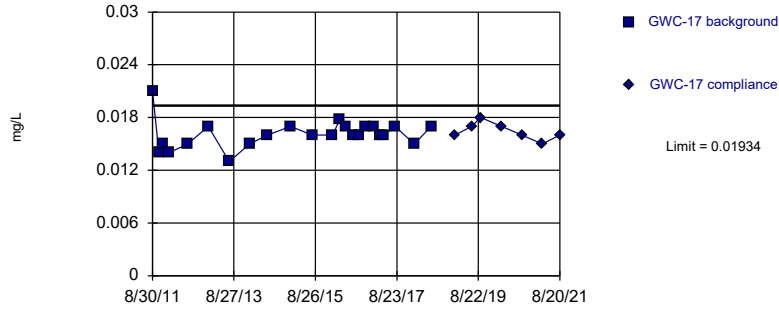


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

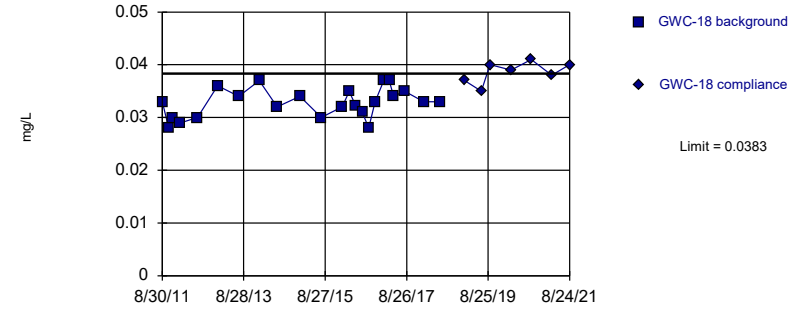


Background Data Summary: Mean=0.01612, Std. Dev.=0.001592, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8965, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

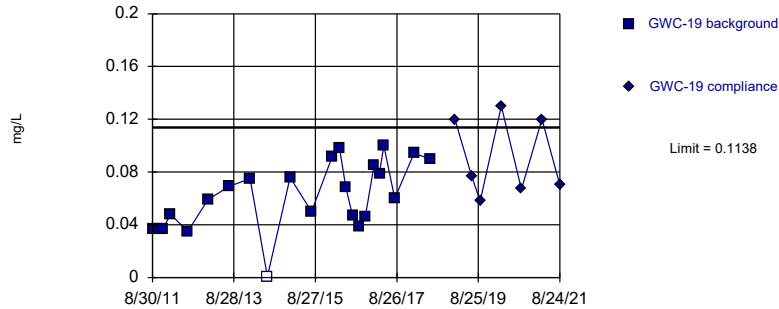


Background Data Summary: Mean=0.03275, Std. Dev.=0.002744, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

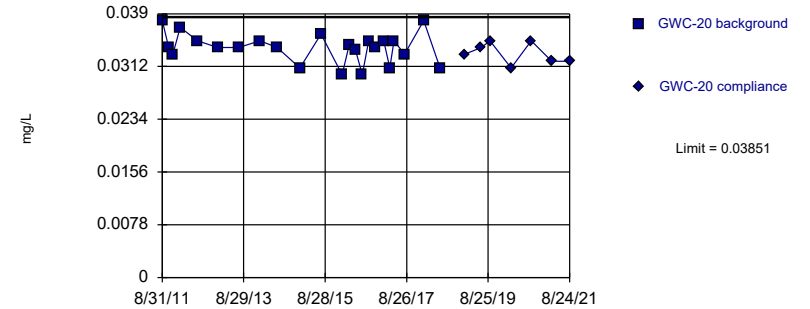


Background Data Summary: Mean=0.06187, Std. Dev.=0.02567, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

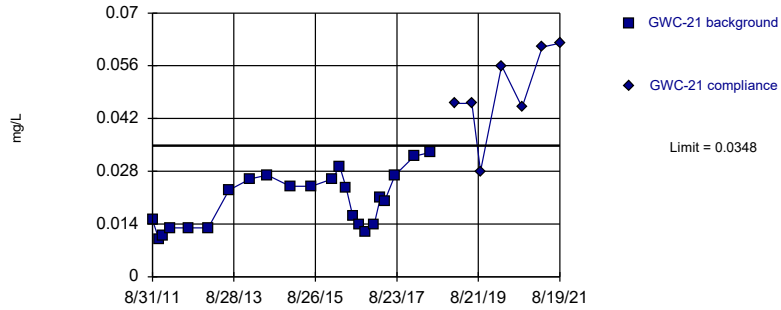


Background Data Summary: Mean=0.03396, Std. Dev.=0.002249, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

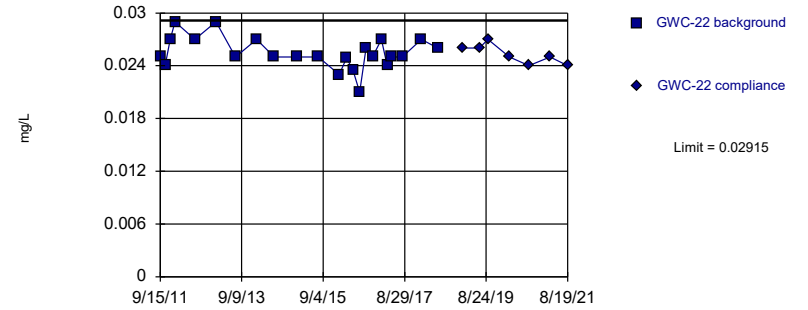


Background Data Summary: Mean=0.0203, Std. Dev.=0.007161, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9246, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

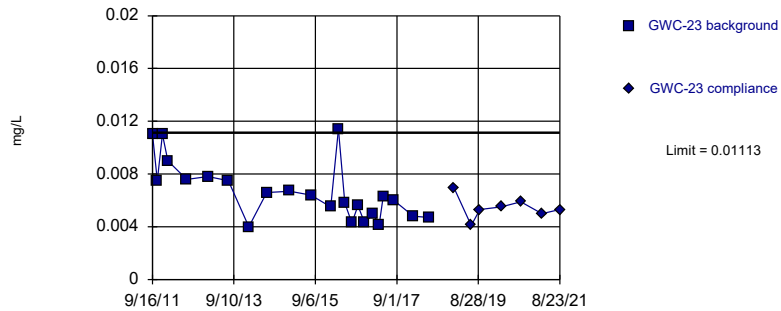


Background Data Summary: Mean=0.02545, Std. Dev.=0.001829, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

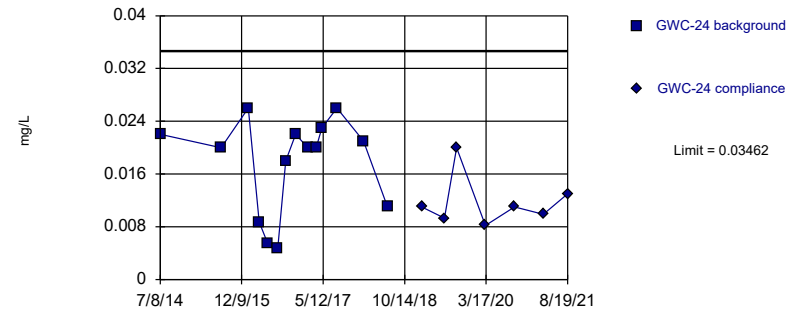


Background Data Summary: Mean=0.006647, Std. Dev.=0.002215, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

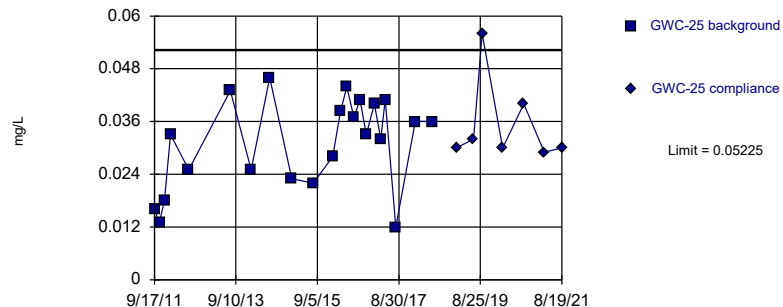


Background Data Summary: Mean=0.01771, Std. Dev.=0.0072, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

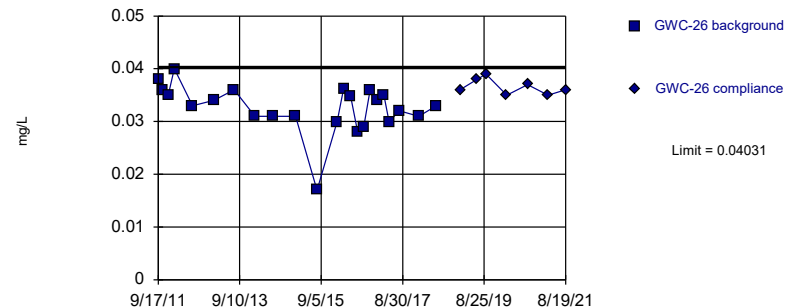


Background Data Summary: Mean=0.03101, Std. Dev.=0.0104, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9416, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

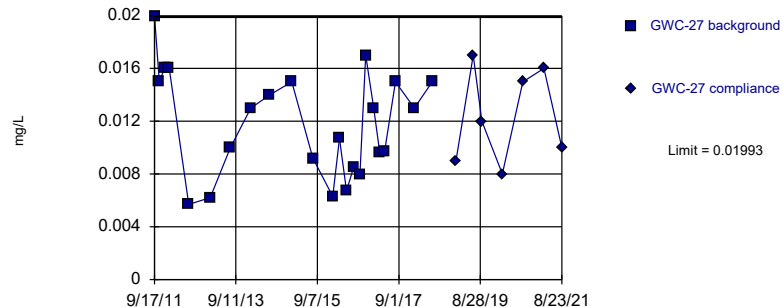


Background Data Summary (based on square transformation): Mean=0.001086, Std. Dev.=0.0002664, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9358, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

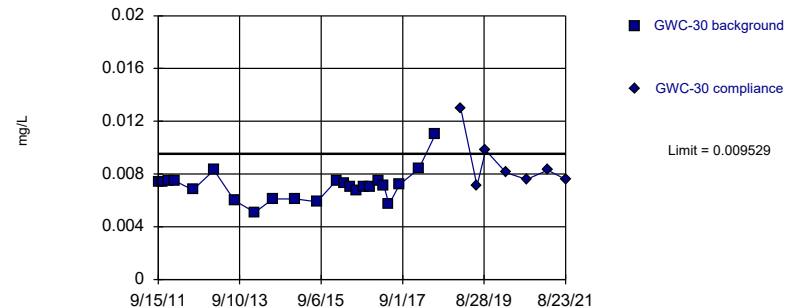


Background Data Summary: Mean=0.01185, Std. Dev.=0.003989, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

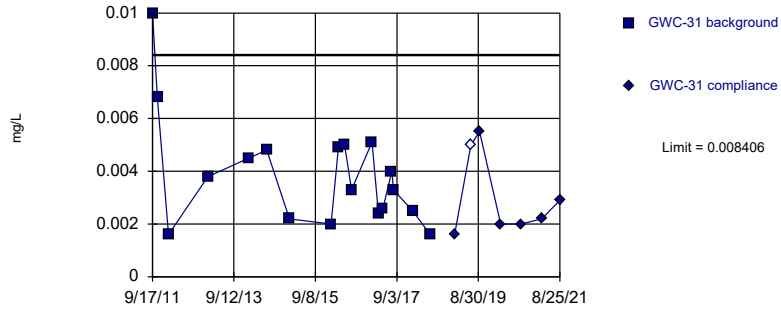


Background Data Summary (based on square root transformation): Mean=0.08407, Std. Dev.=0.006692, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9028, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

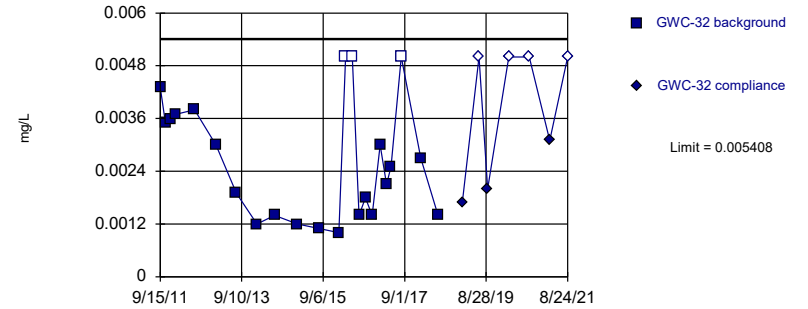


Background Data Summary: Mean=0.003913, Std. Dev.=0.002089, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8697, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

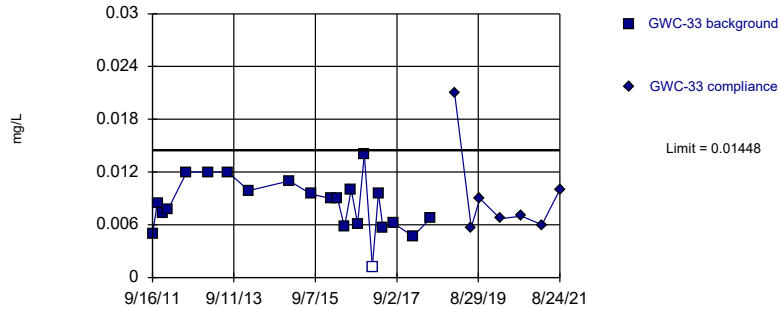


Background Data Summary: Mean=0.002652, Std. Dev.=0.001361, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

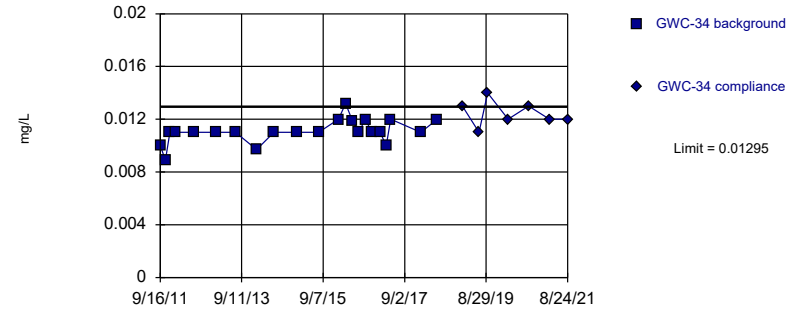


Background Data Summary: Mean=0.008309, Std. Dev.=0.003018, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9796, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

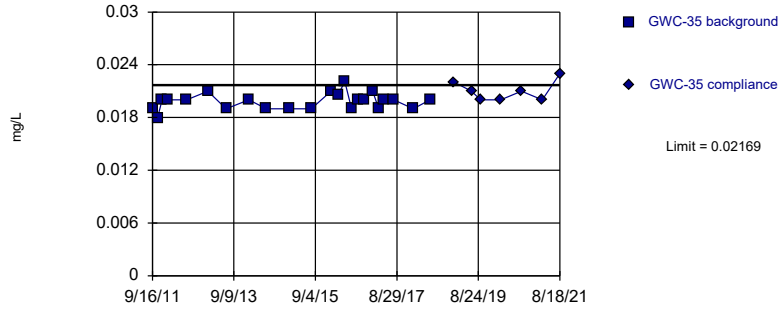


Background Data Summary: Mean=0.011108, Std. Dev.=0.000916, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8839, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

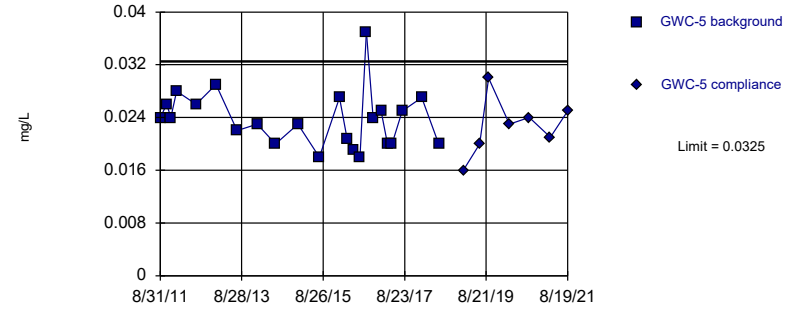


Background Data Summary: Mean=0.01981, Std. Dev.=0.0009285, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9061, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

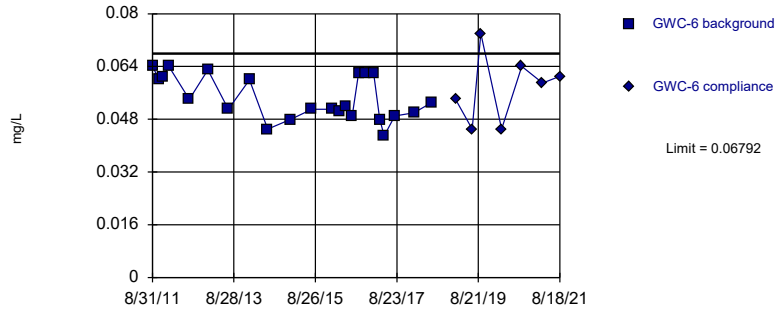


Background Data Summary: Mean=0.02373, Std. Dev.=0.004334, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9097, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

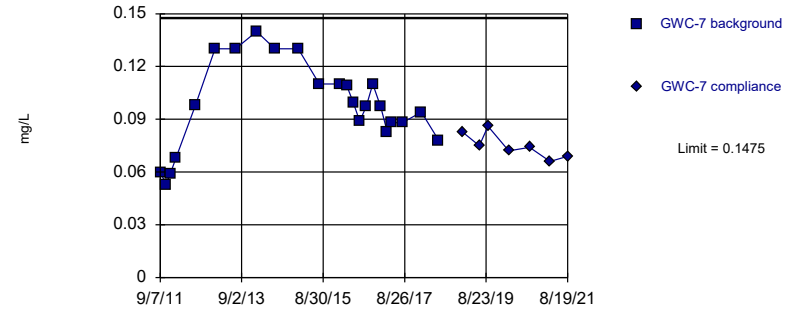


Background Data Summary: Mean=0.05446, Std. Dev.=0.006649, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

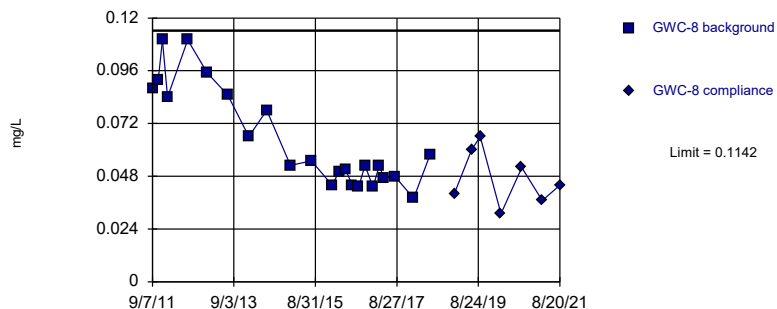


Background Data Summary: Mean=0.09785, Std. Dev.=0.02452, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9582, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

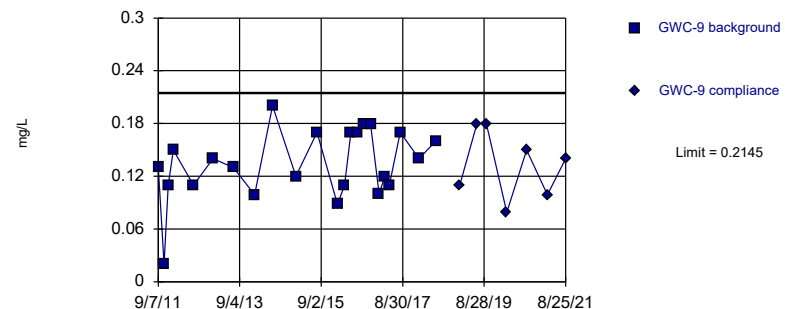


Background Data Summary (based on square root transformation): Mean=0.2509, Std. Dev.=0.04301, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8862, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

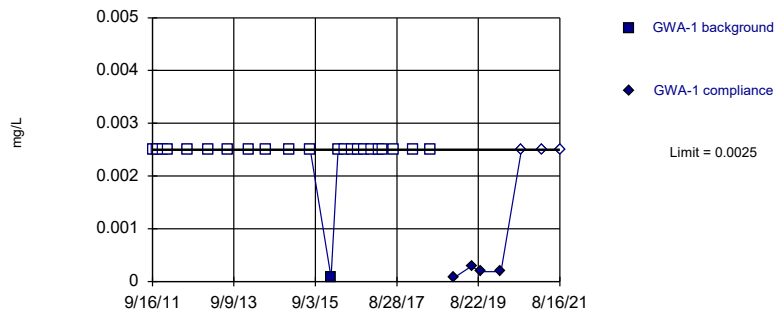


Background Data Summary: Mean=0.1338, Std. Dev.=0.03988, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

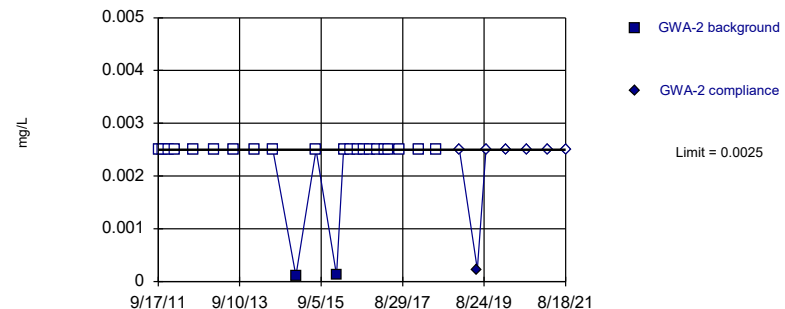


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

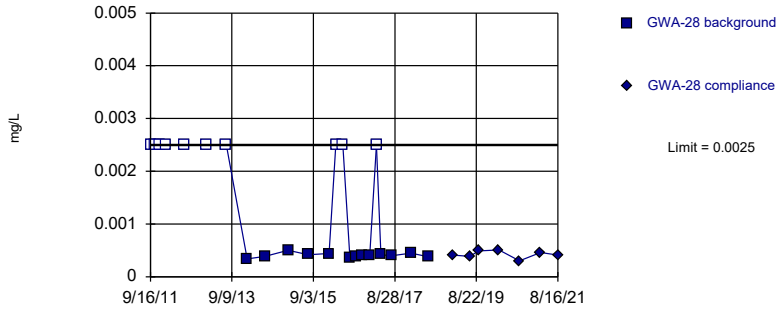


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

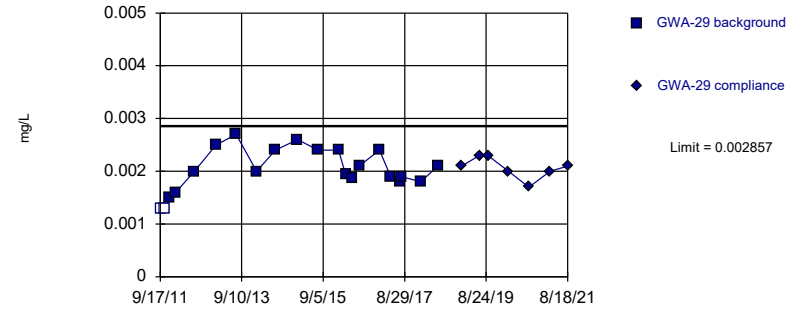


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

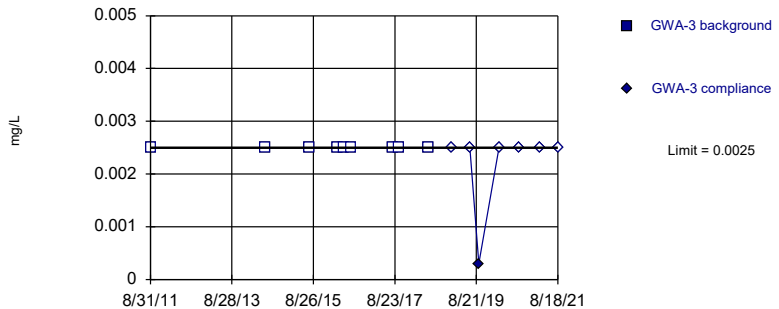


Background Data Summary: Mean=0.002025, Std. Dev.=0.0004034, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

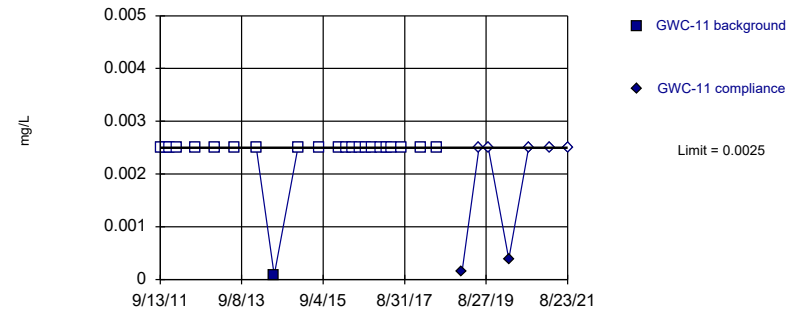


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

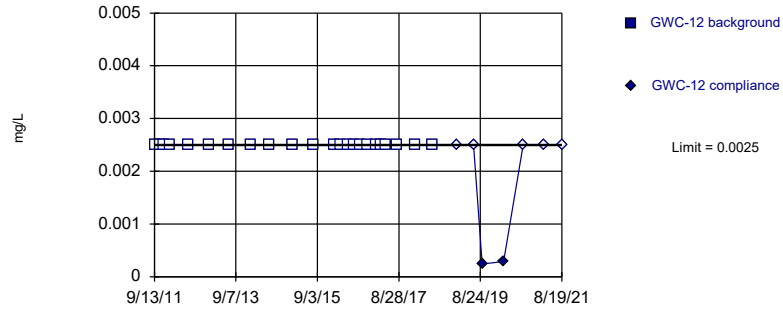


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

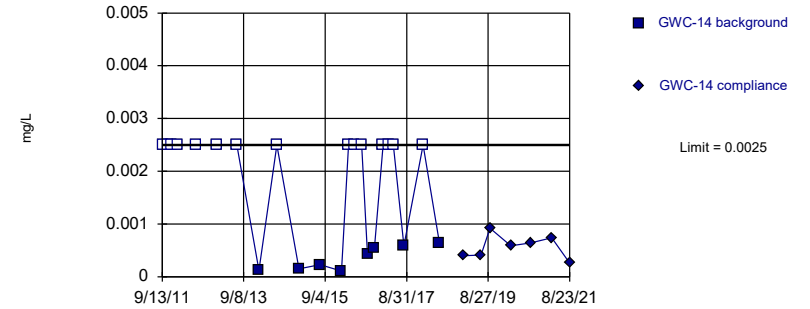


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

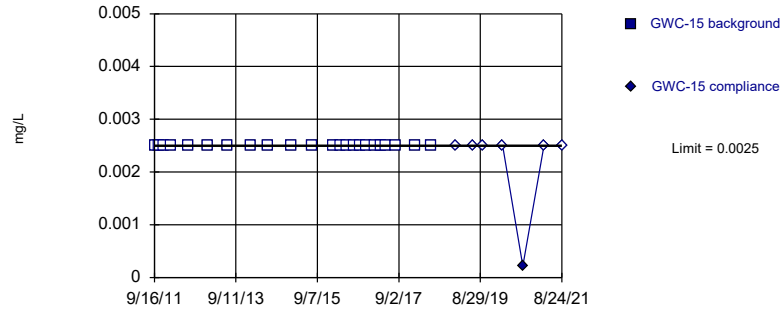


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

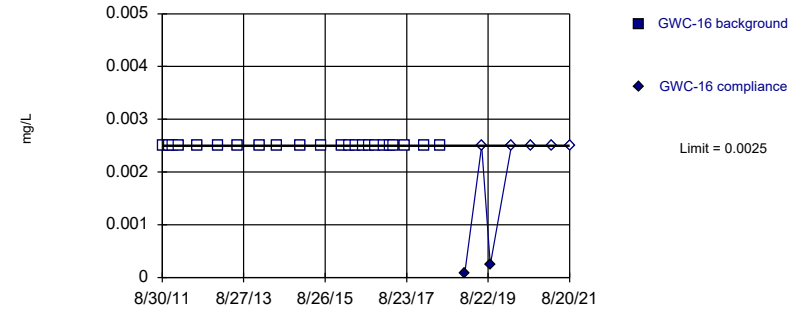


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

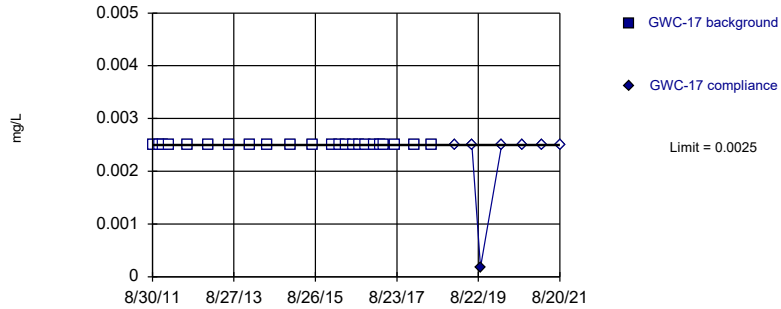


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

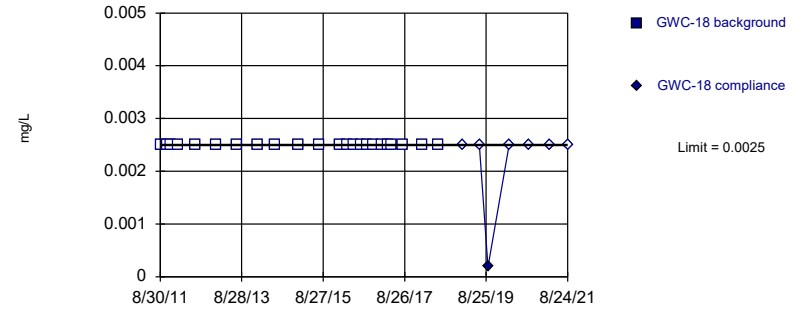


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

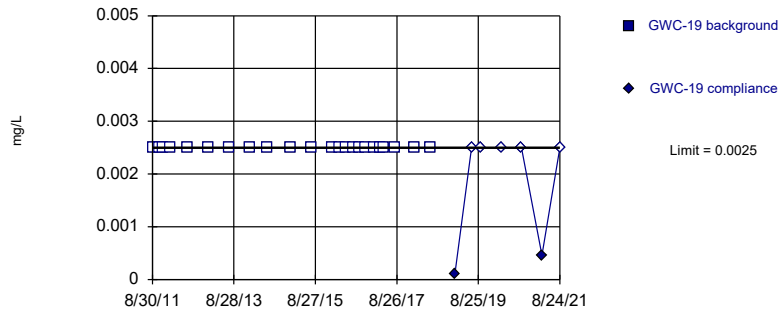


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

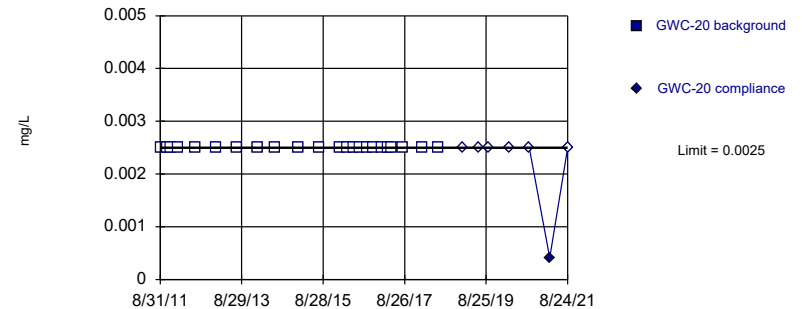


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

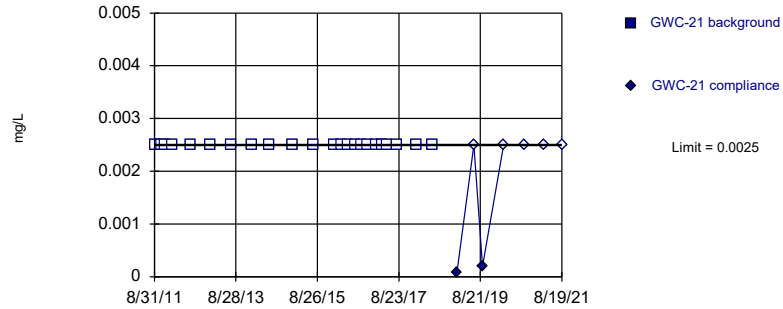


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

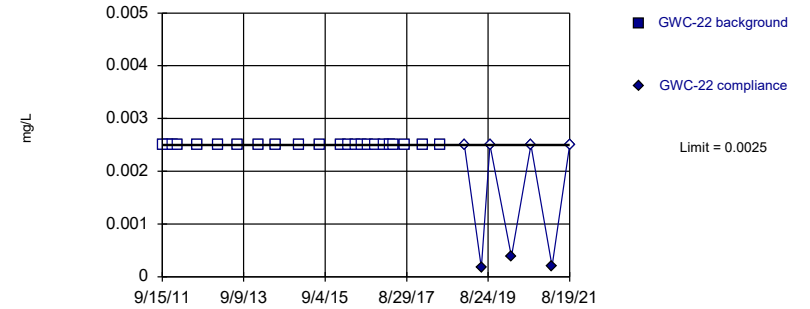


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

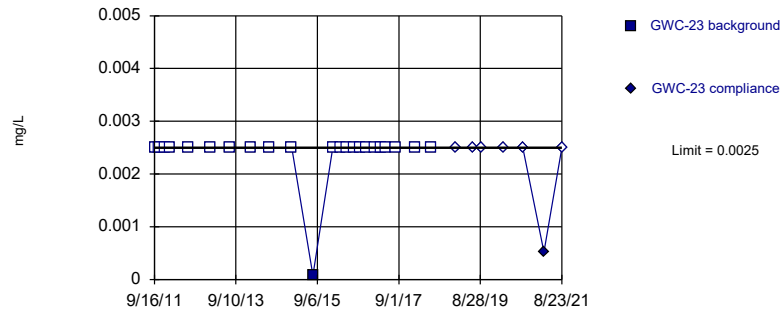


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

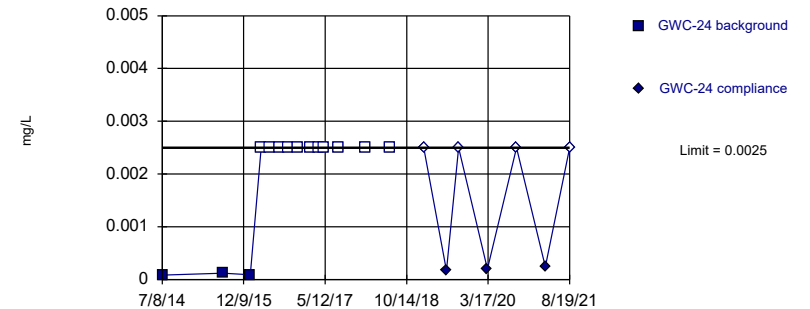


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

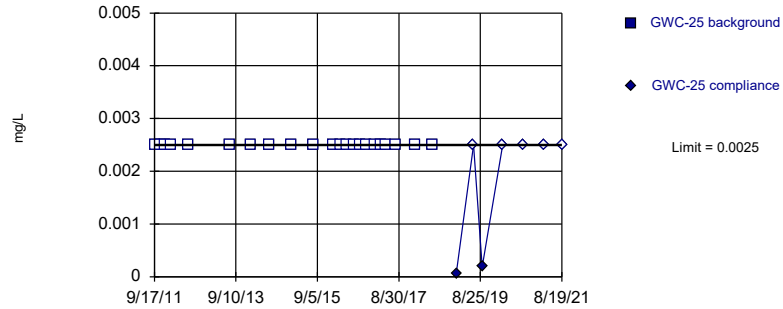


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

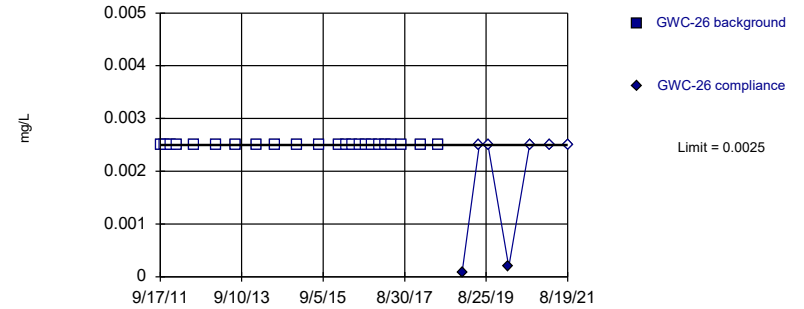


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

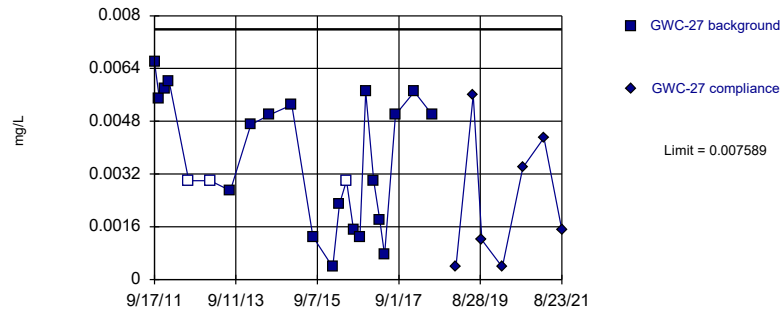


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

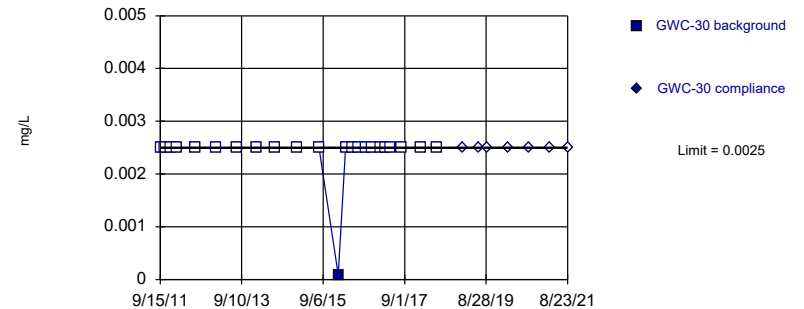


Background Data Summary: Mean=0.003666, Std. Dev.=0.001938, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 10/11/2021 1:32 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

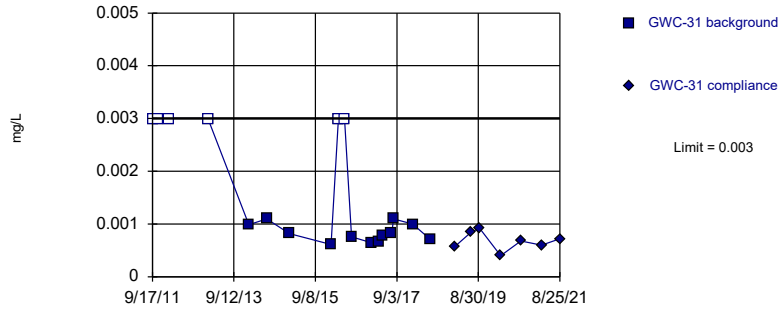


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

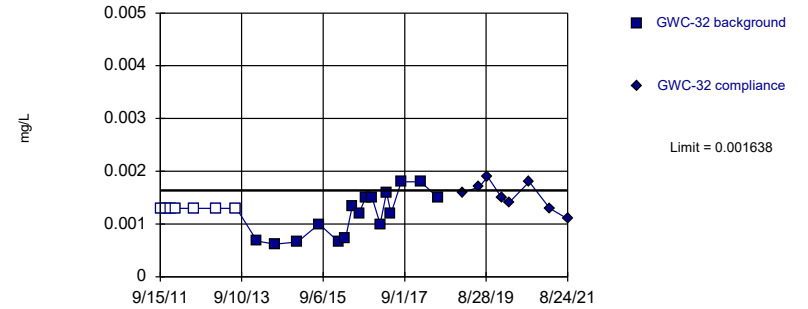


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

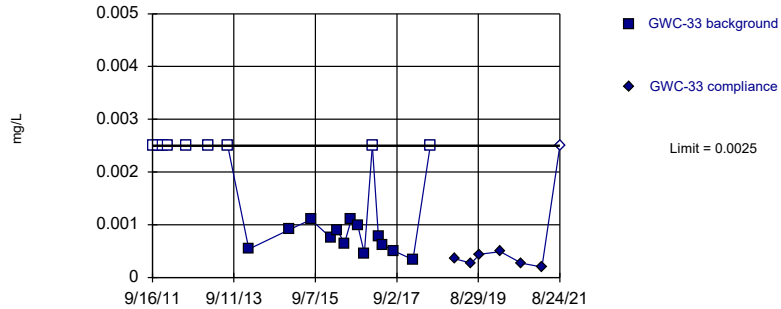


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0009112, Std. Dev.=0.0003589, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9131, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

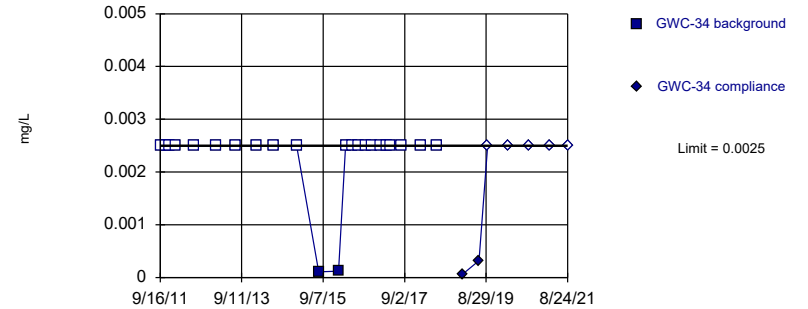


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 40.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

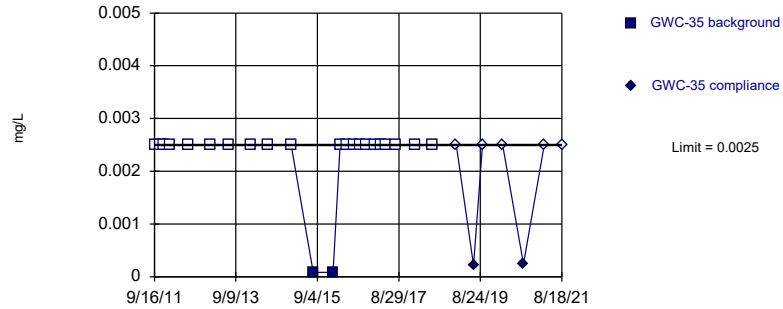


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

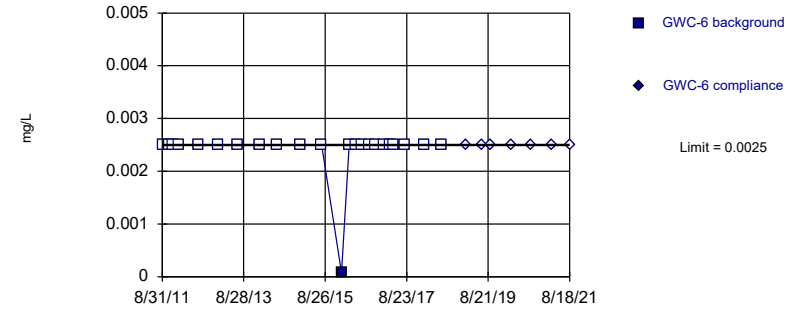


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

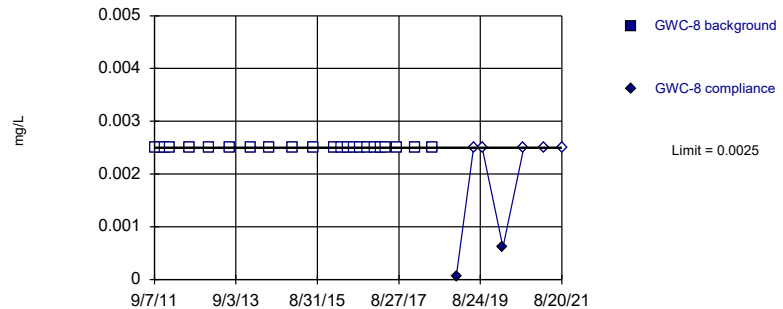


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

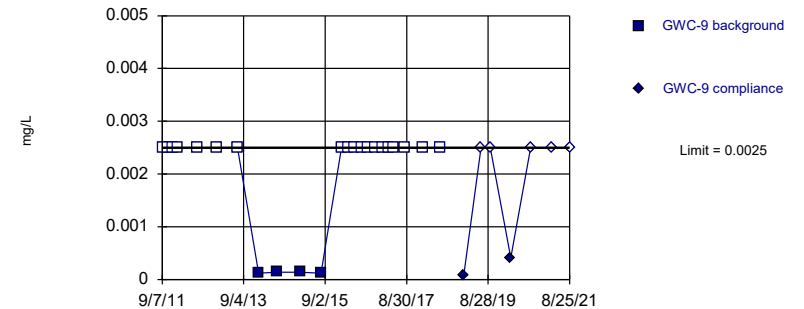


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

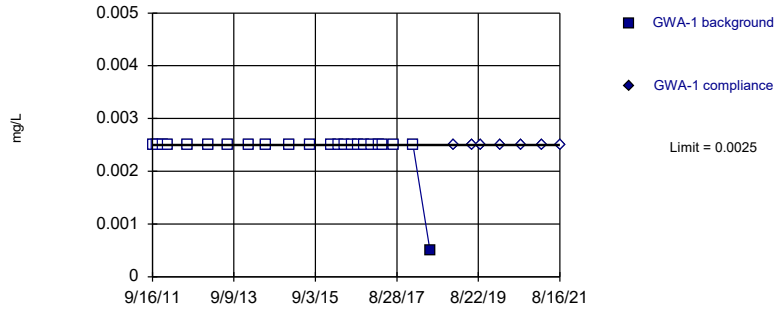


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

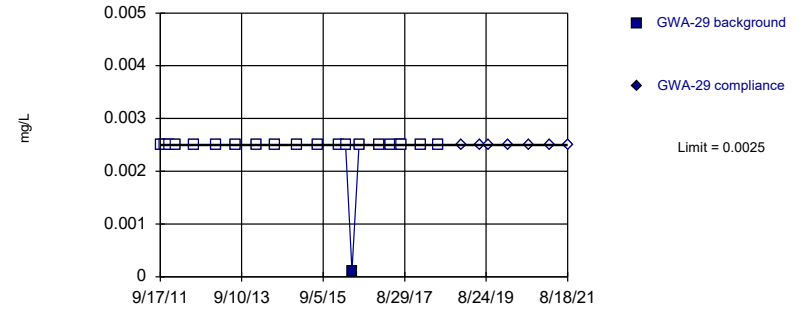


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

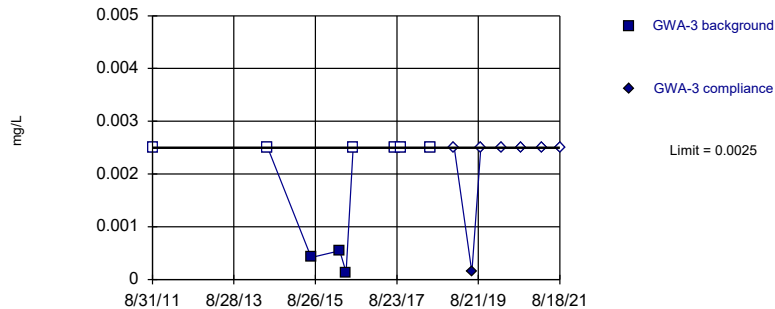


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

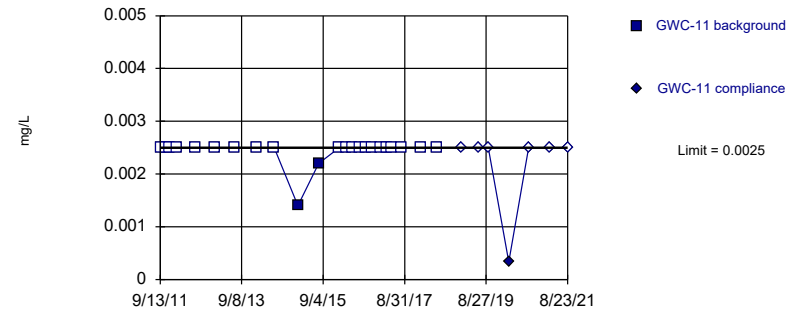


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

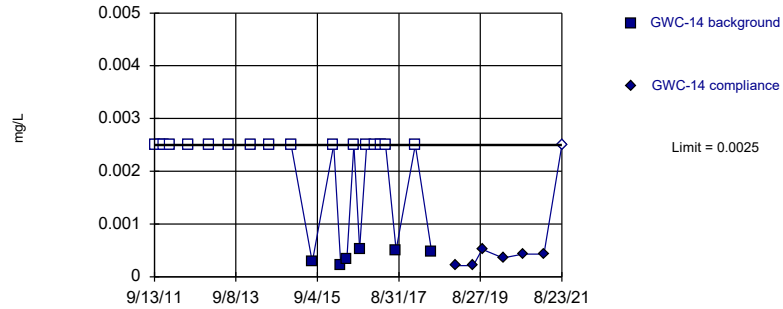


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

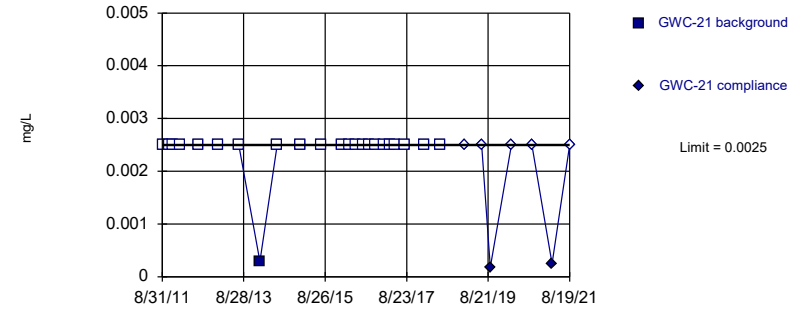


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

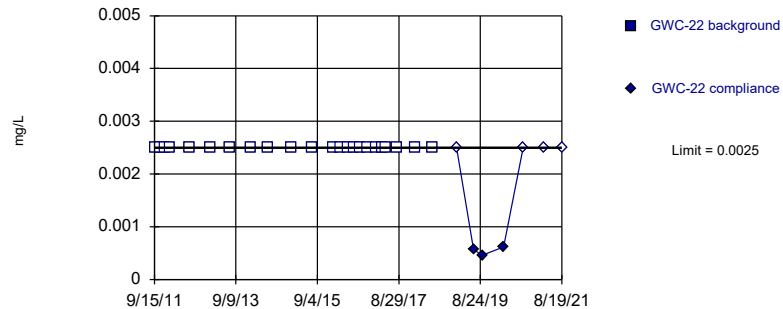


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

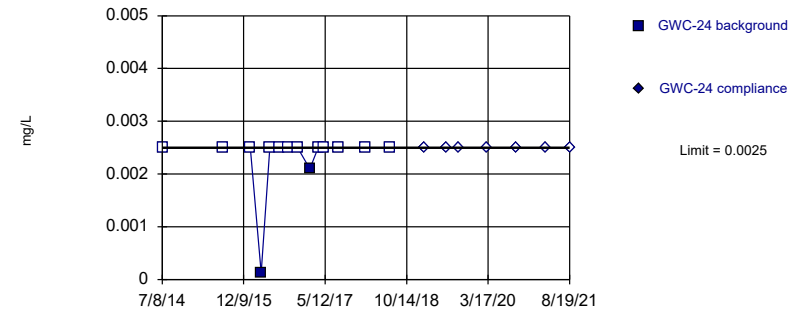


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

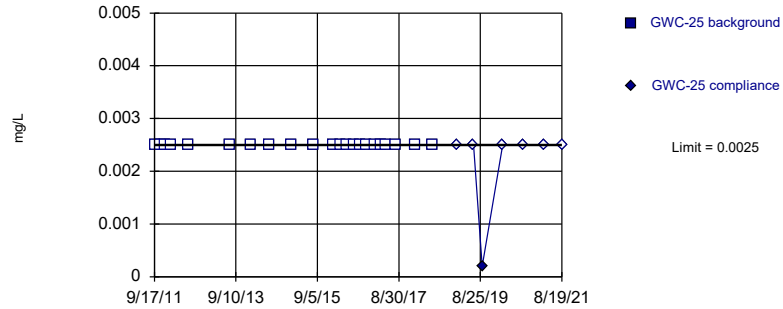


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

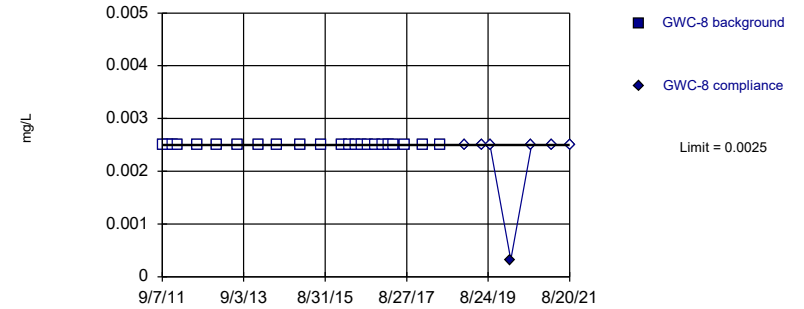


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

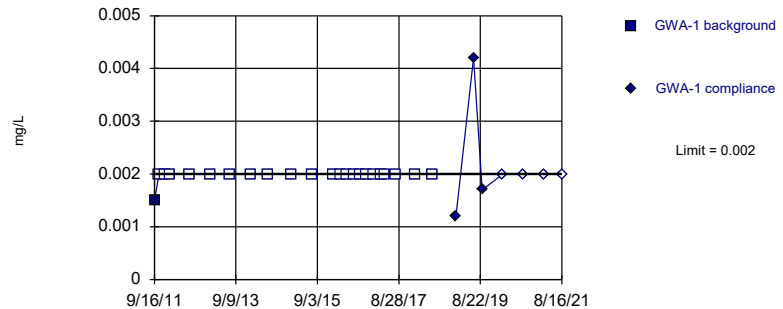


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cadmium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

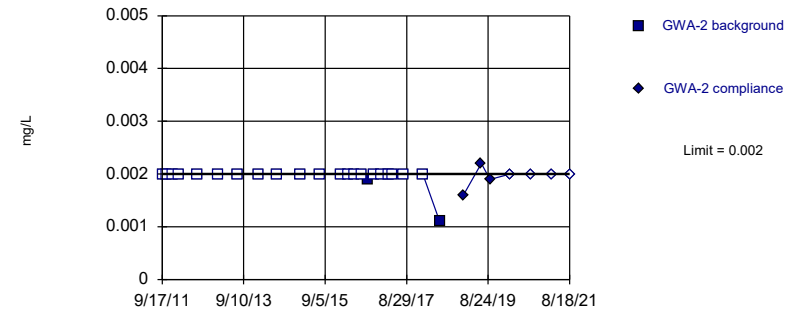


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

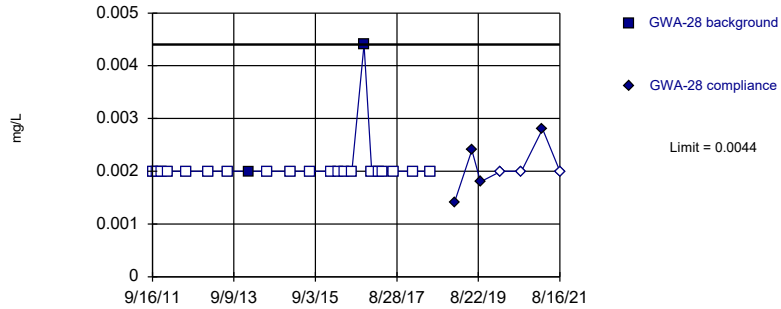


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

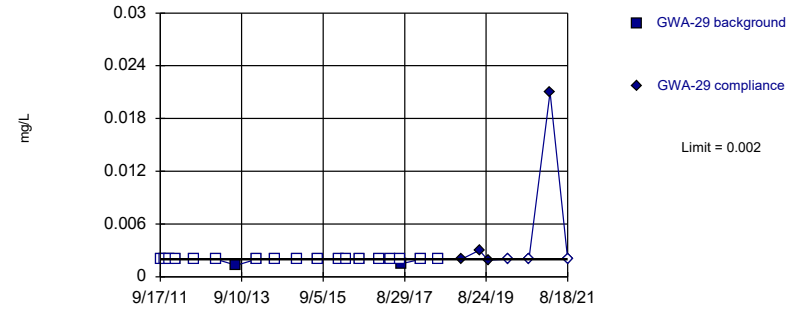


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

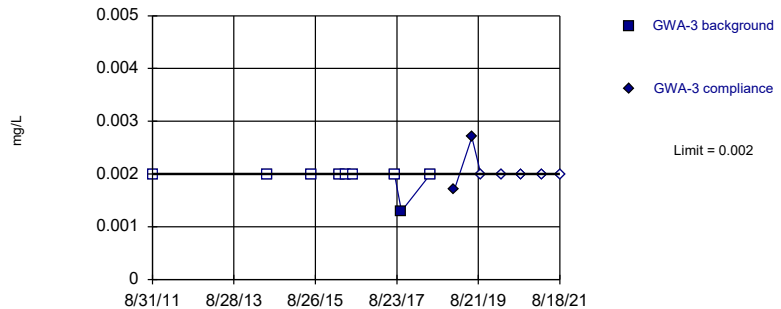


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

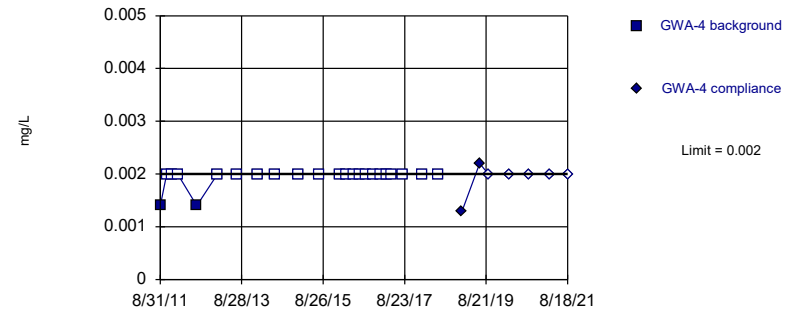


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

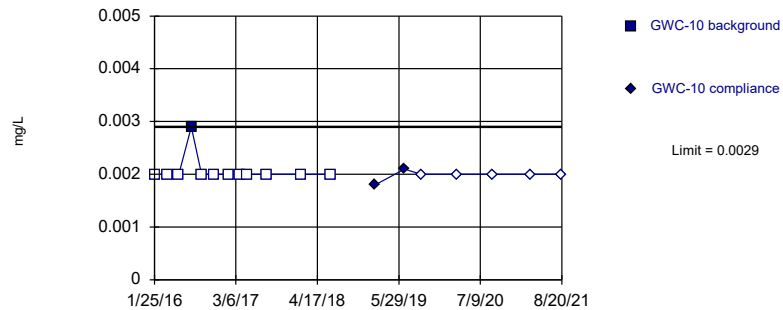


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

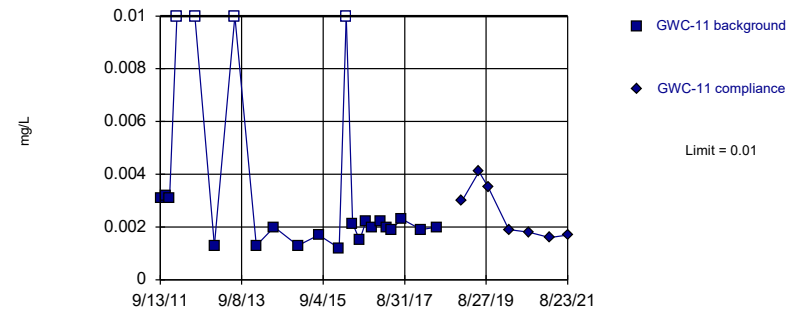


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

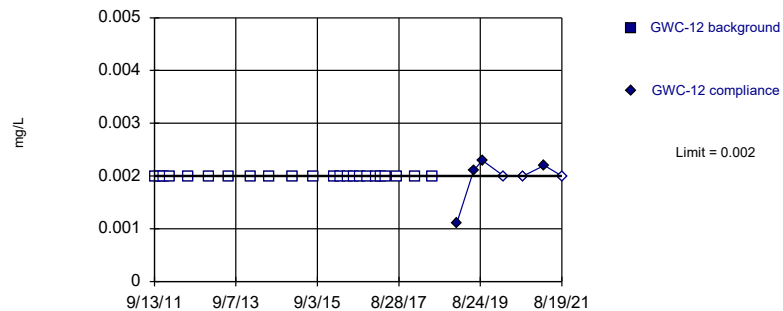


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

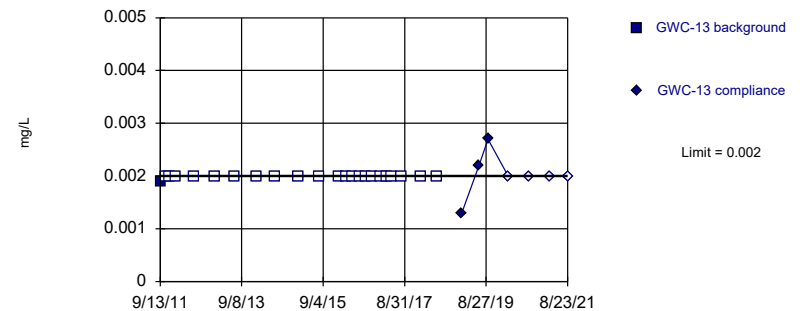


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

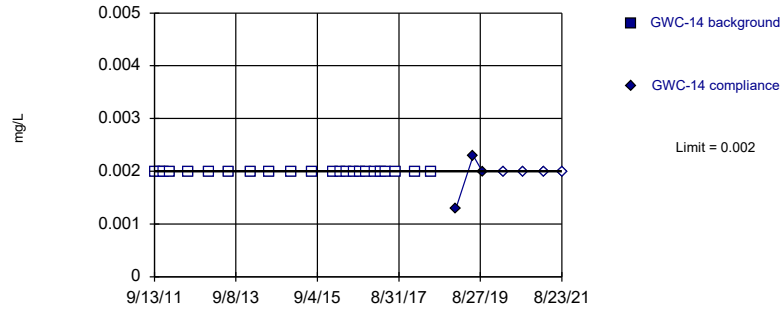


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

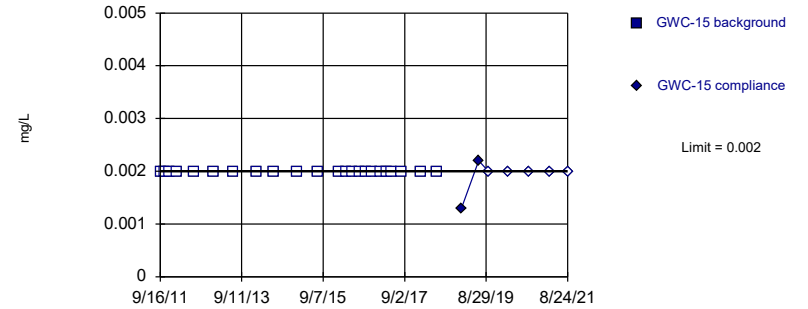


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

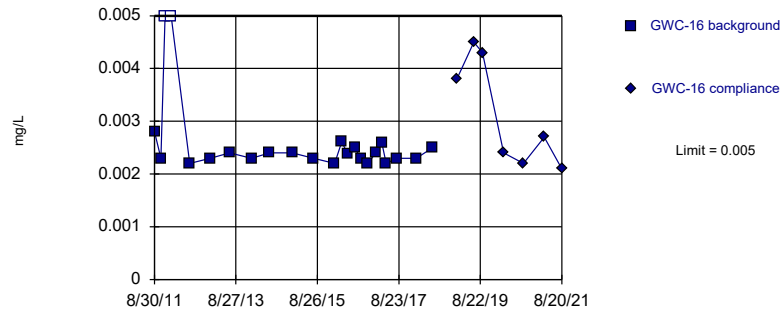


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

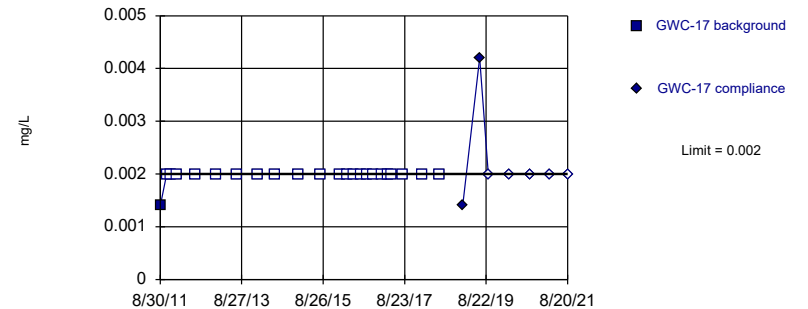


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 8.696% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

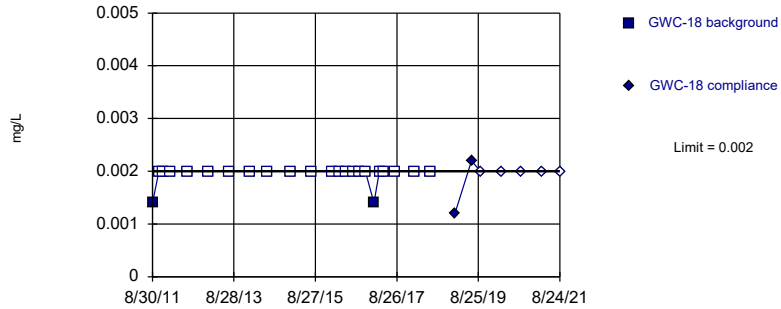


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

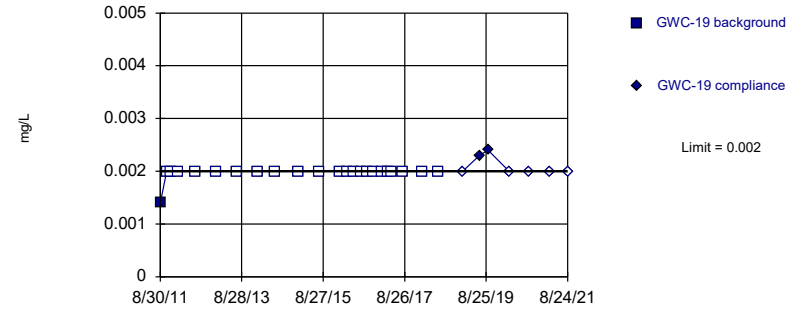


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

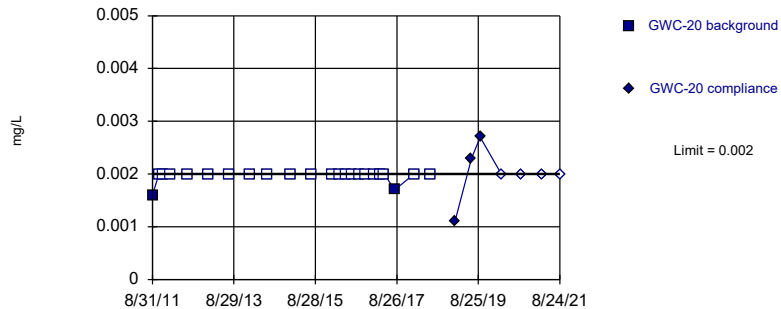


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

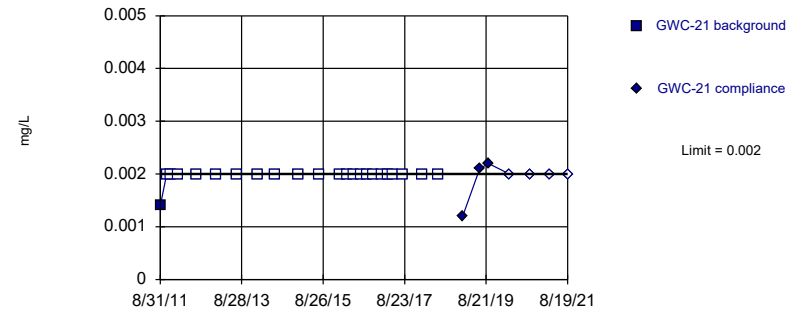


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

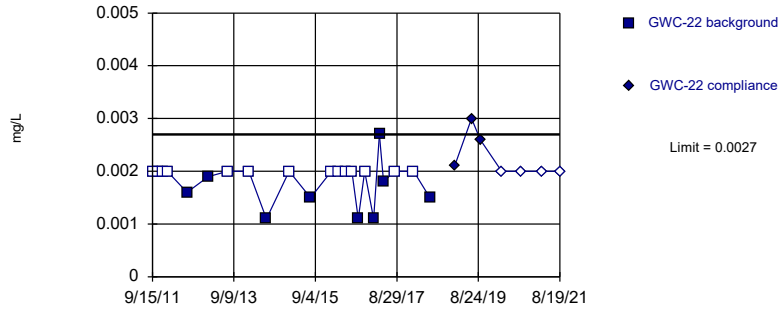


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

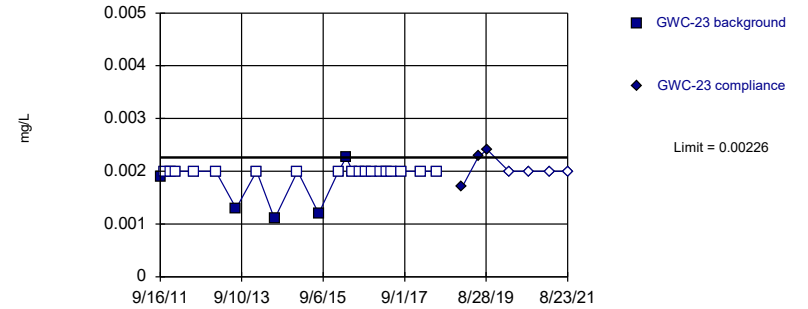


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

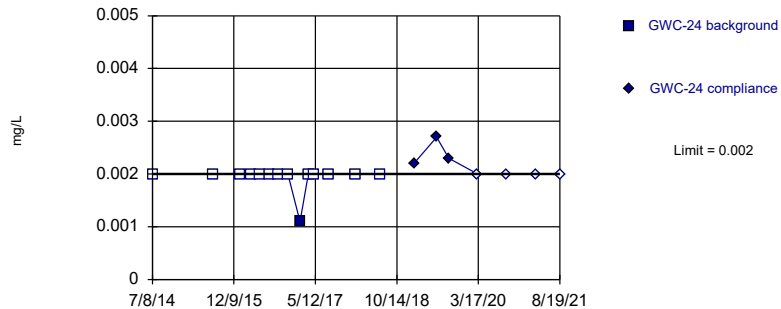


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

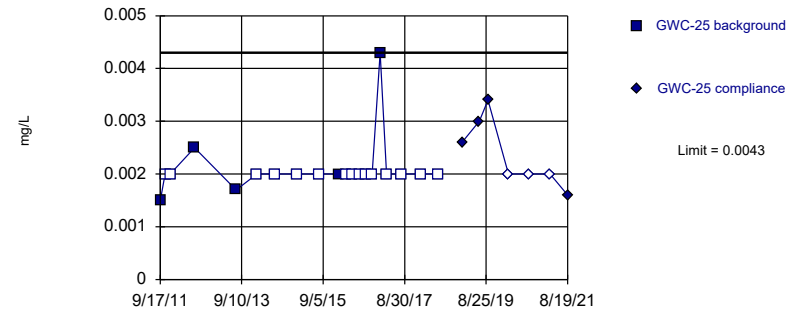


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

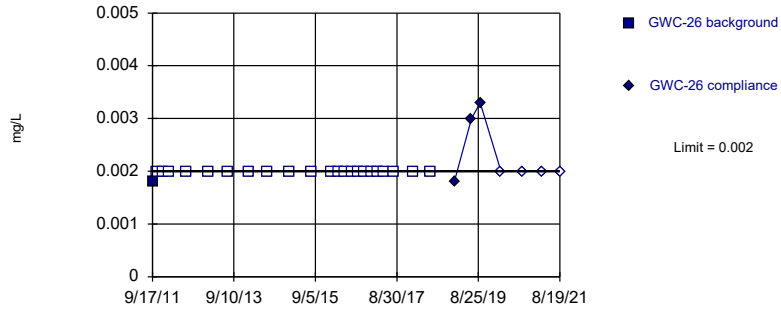


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

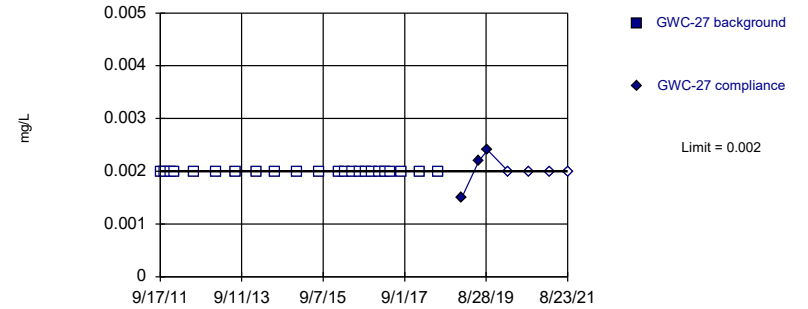


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

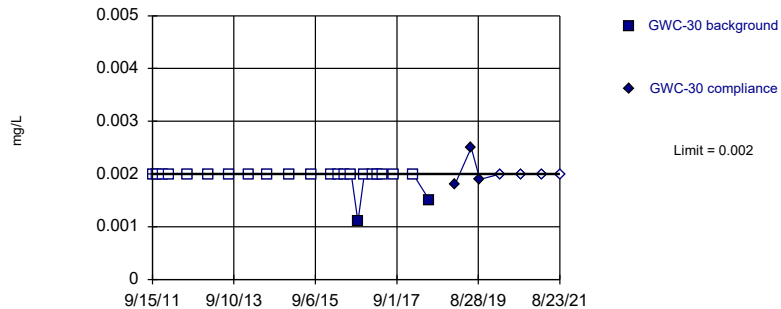


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

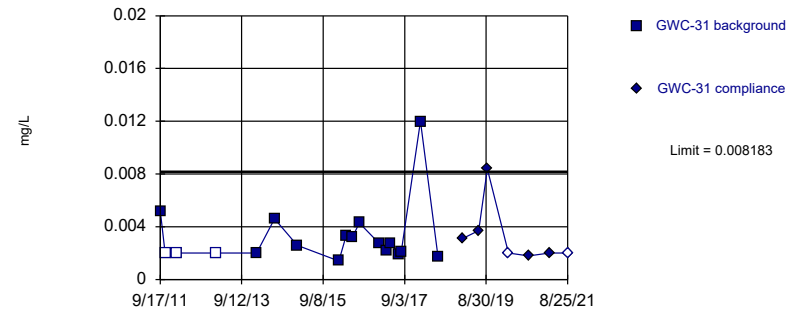


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

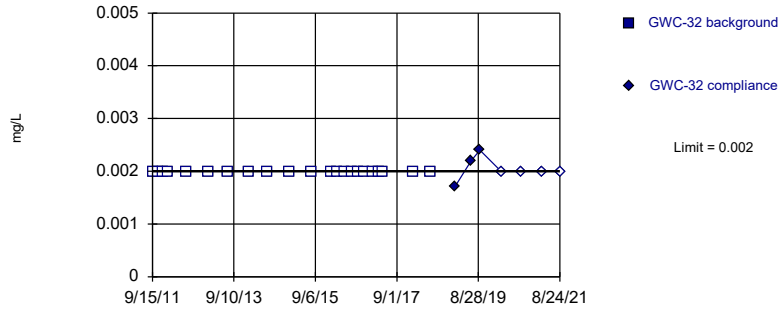


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.938, Std. Dev.=0.5266, n=18, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8728, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

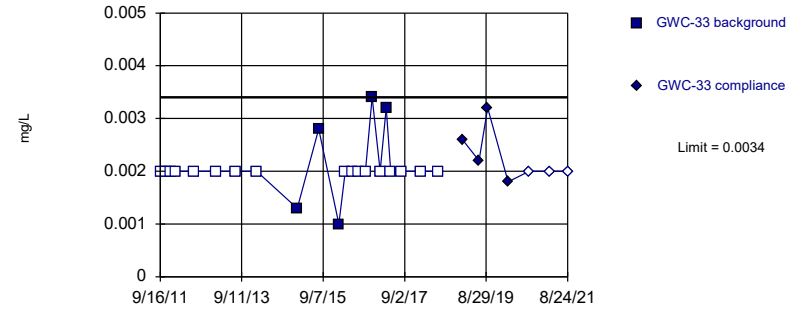


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

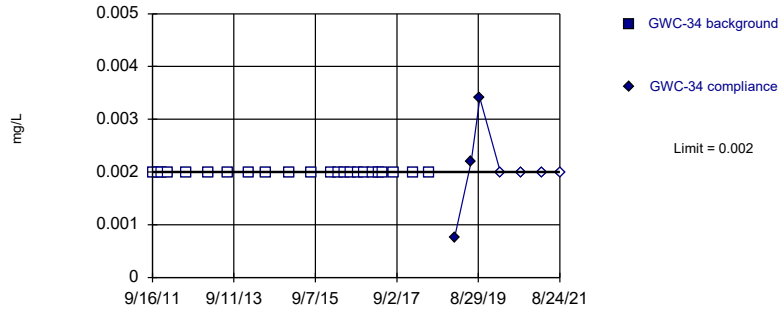


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

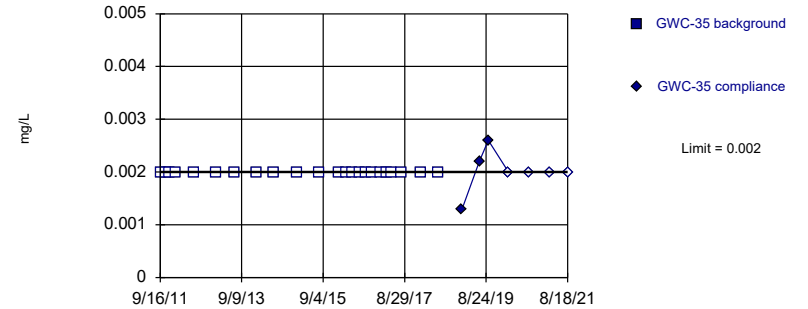


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

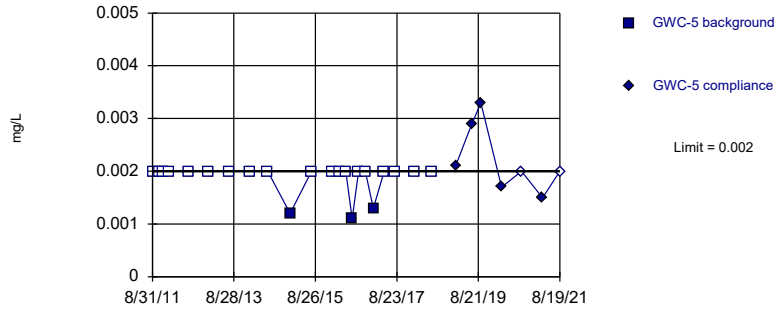


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

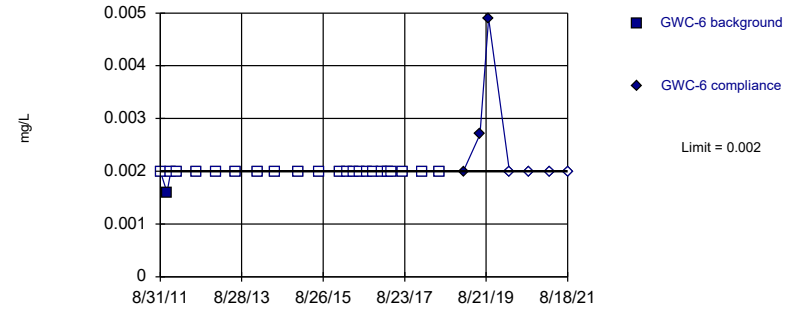


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

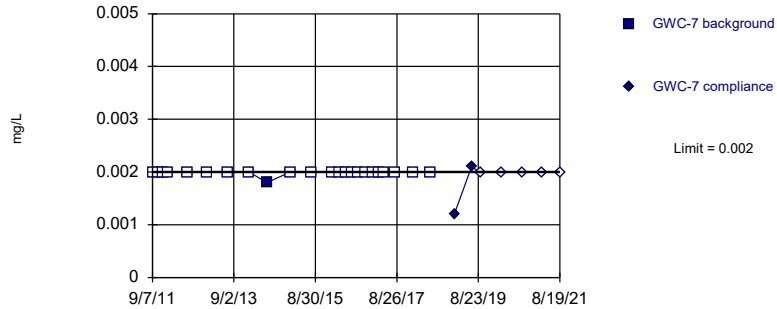


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

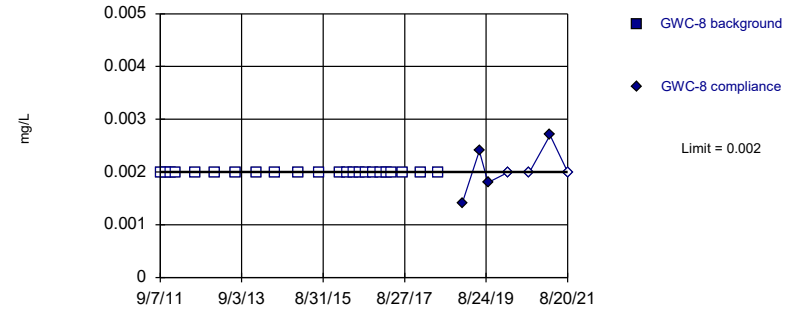


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

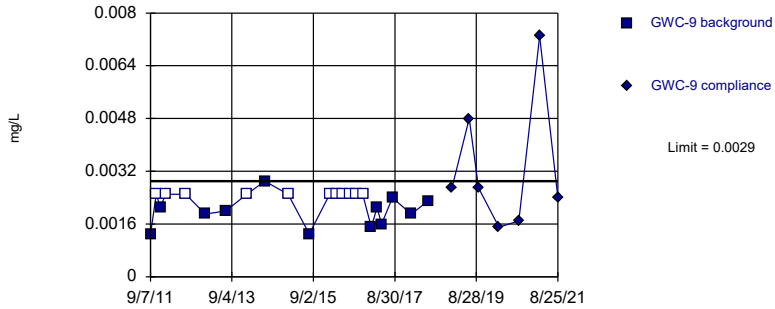


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

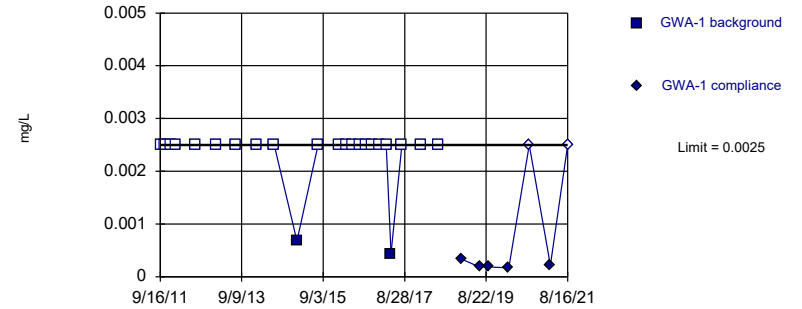


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Chromium Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

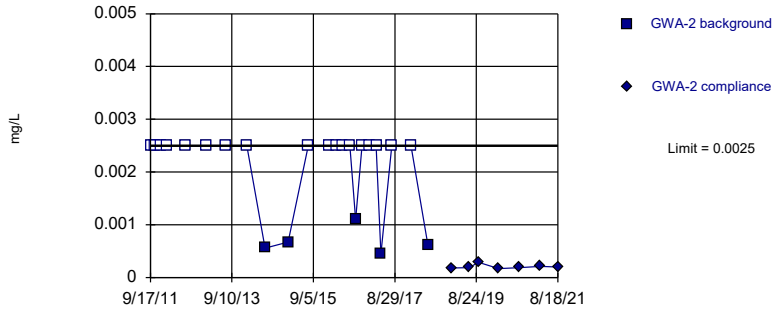


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

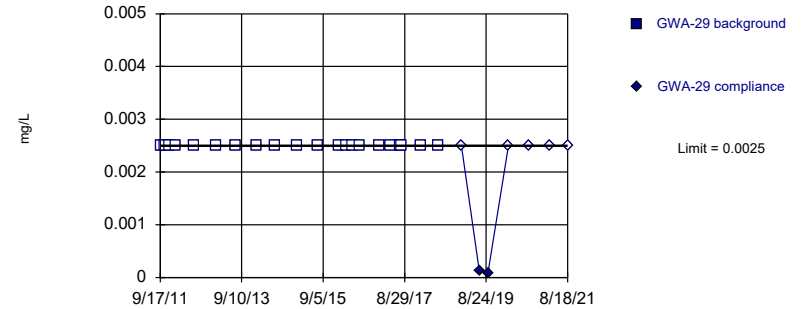


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

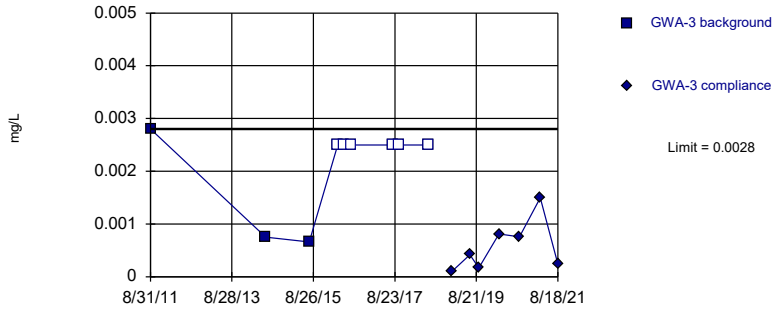


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

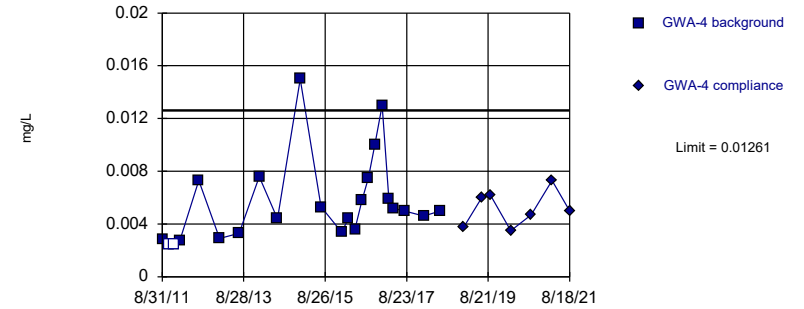


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

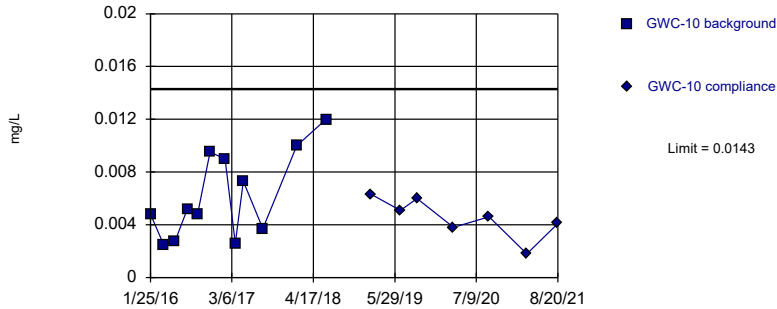


Background Data Summary (based on square root transformation): Mean=0.07262, Std. Dev.=0.01959, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

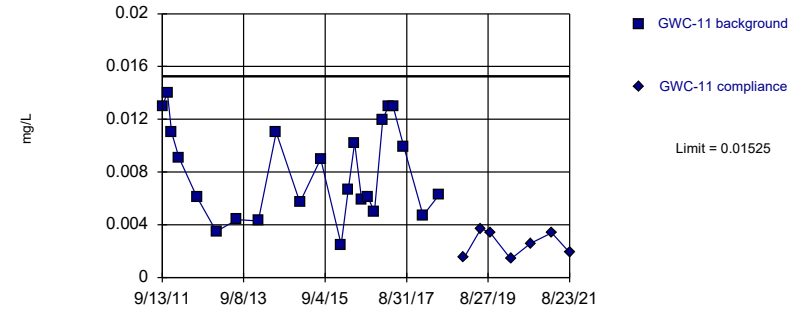


Background Data Summary: Mean=0.006177, Std. Dev.=0.003274, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

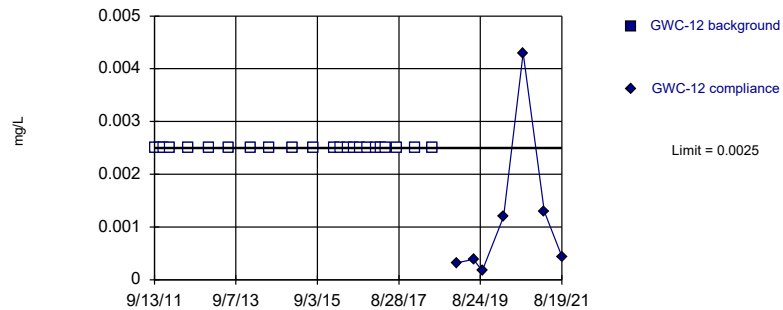


Background Data Summary: Mean=0.008102, Std. Dev.=0.00353, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

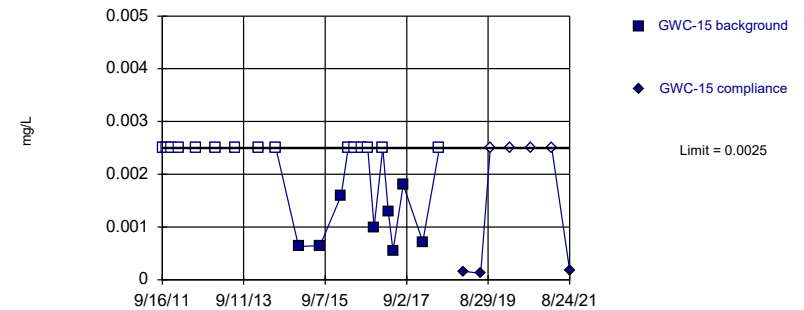


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

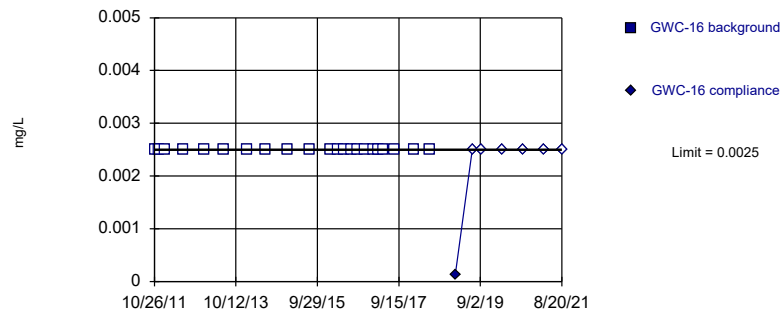


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

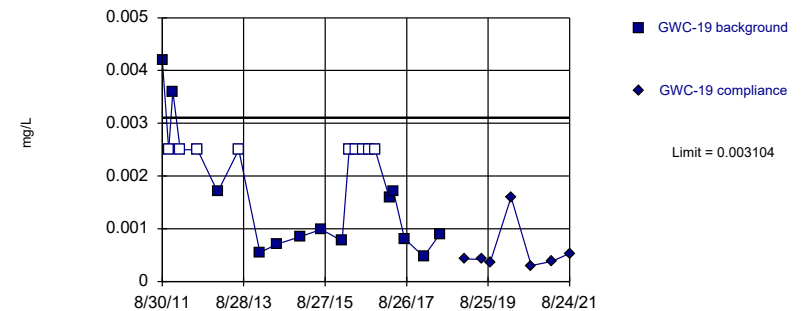


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:33 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

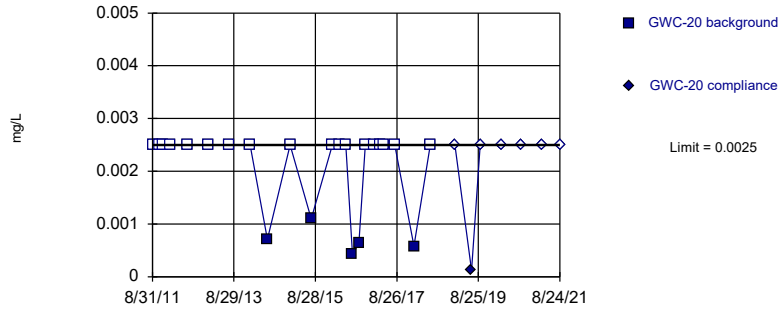


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001198, Std. Dev.=0.000933, n=22, 40.91% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

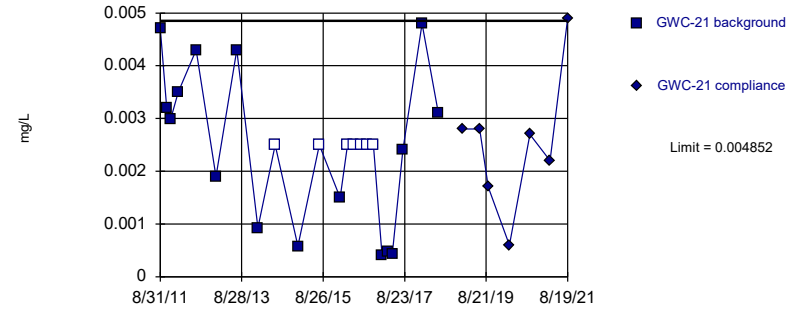


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

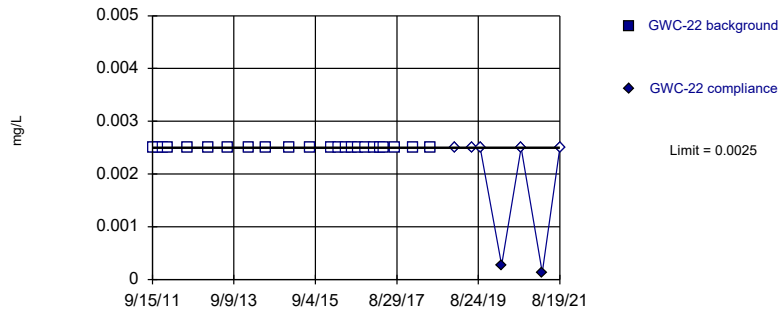


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001925, Std. Dev.=0.001446, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.929, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

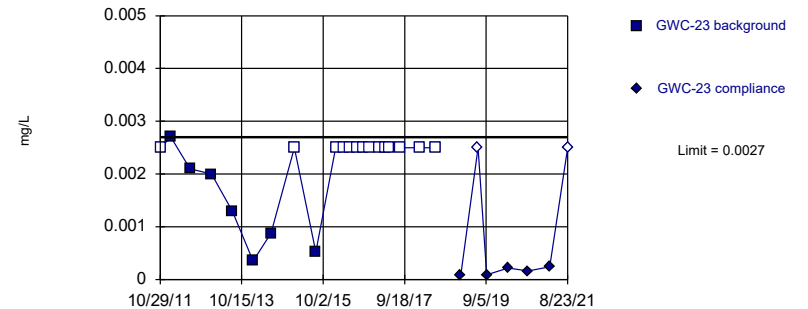


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

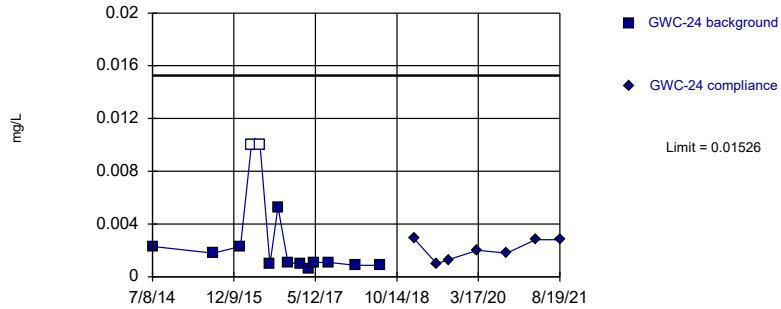


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

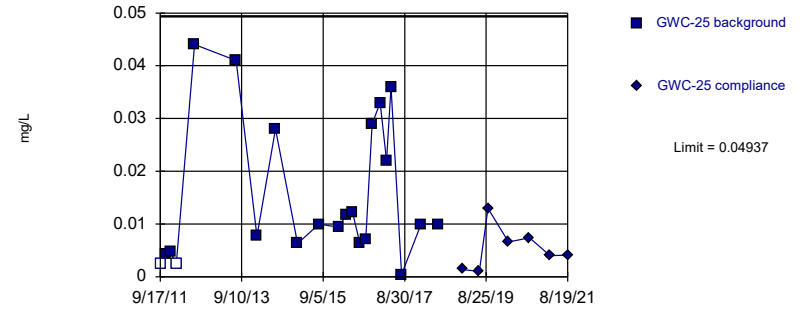


Background Data Summary (based on natural log transformation): Mean=-6.342, Std. Dev.=0.9191, n=14, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8439, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

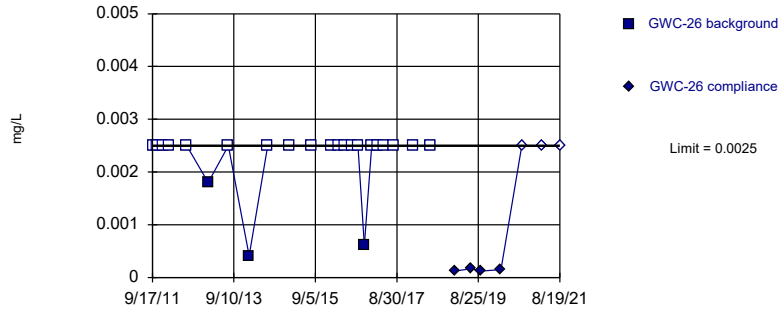


Background Data Summary (based on square root transformation): Mean=0.1123, Std. Dev.=0.05377, n=22, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9332, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

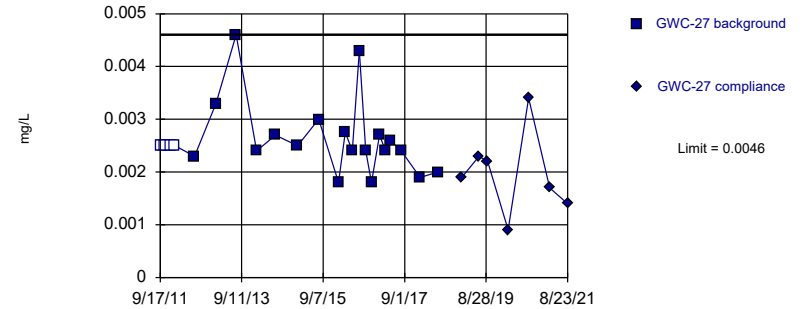


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

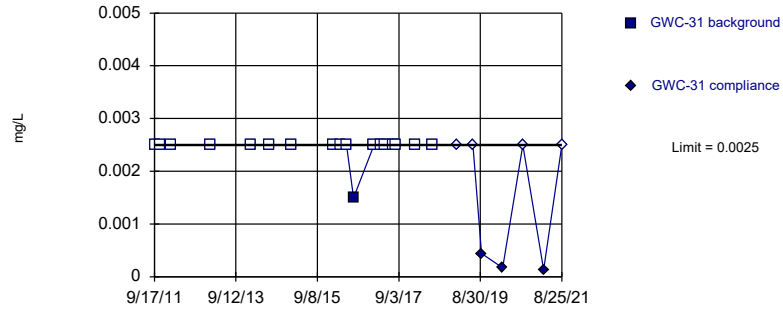


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

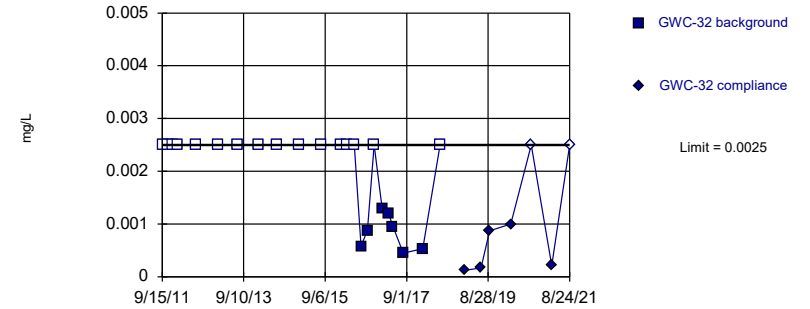


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

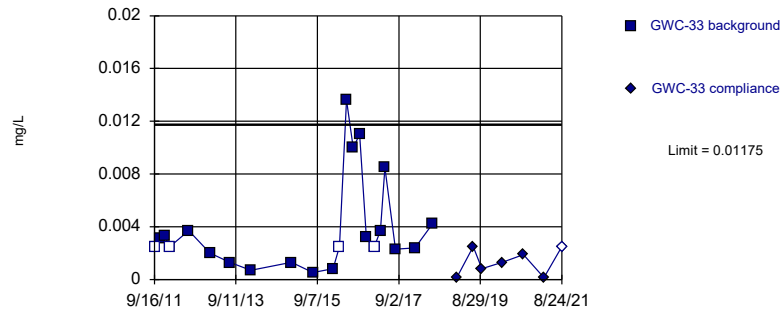


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

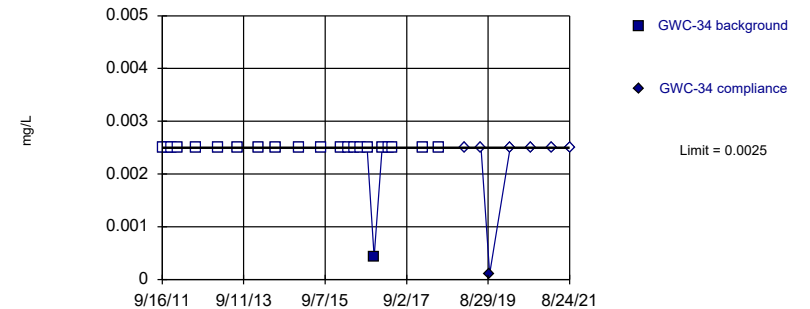


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05328, Std. Dev.=0.02697, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8812, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

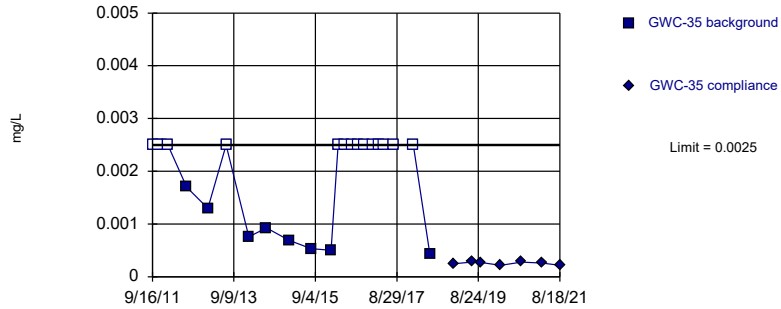


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

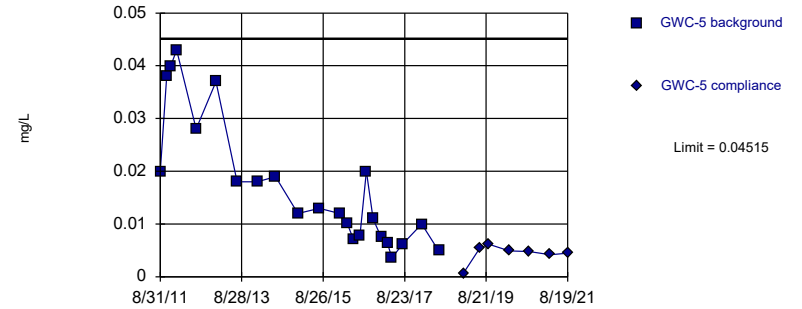


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

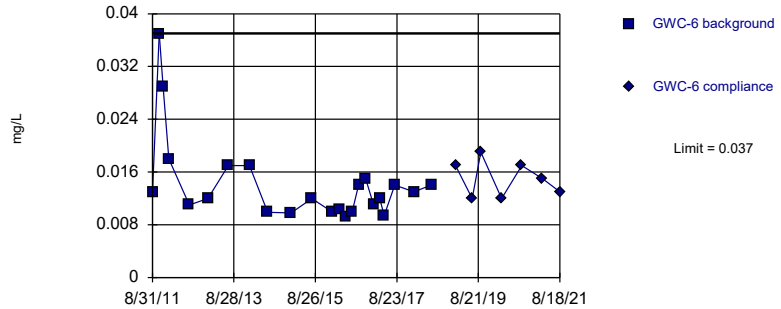


Background Data Summary (based on square root transformation): Mean=0.1233, Std. Dev.=0.04404, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

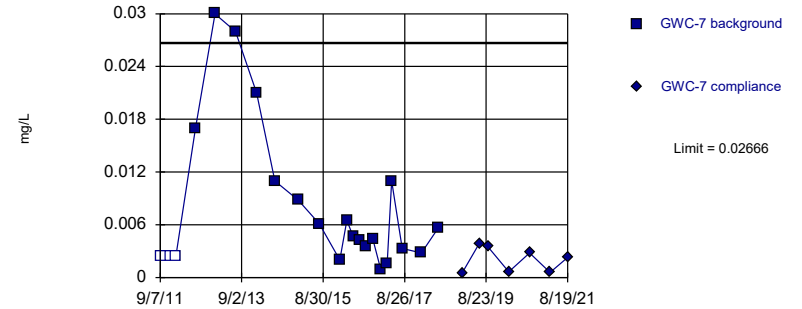


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

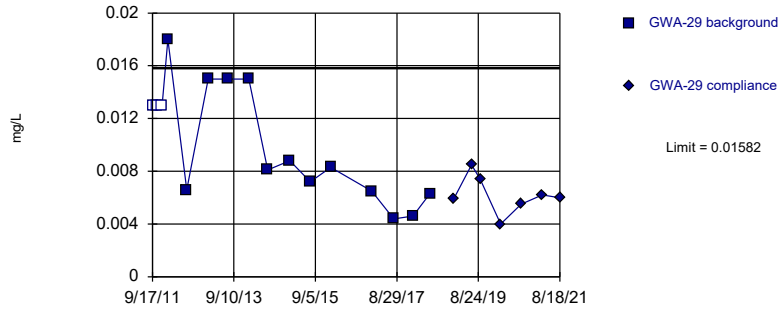


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1738, Std. Dev.=0.0617, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

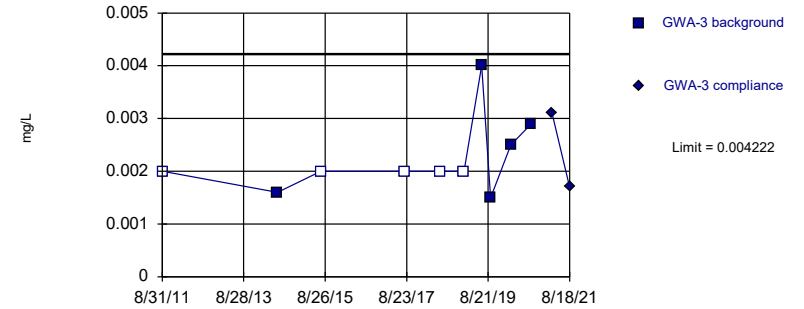


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.007974, Std. Dev.=0.003538, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9107, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

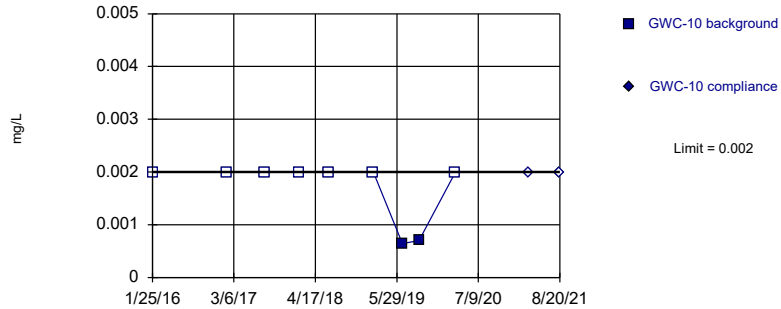


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002025, Std. Dev.=0.0008055, n=10, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8007, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

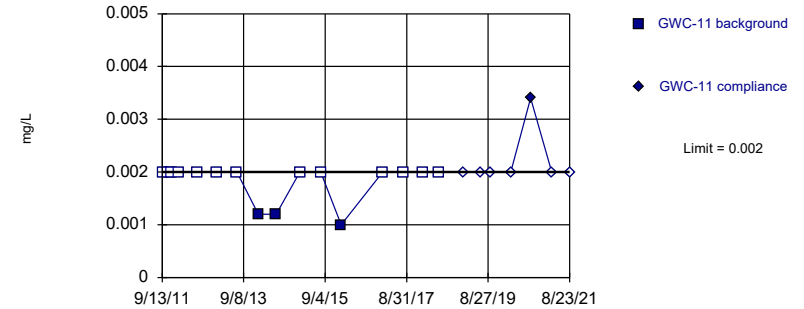


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

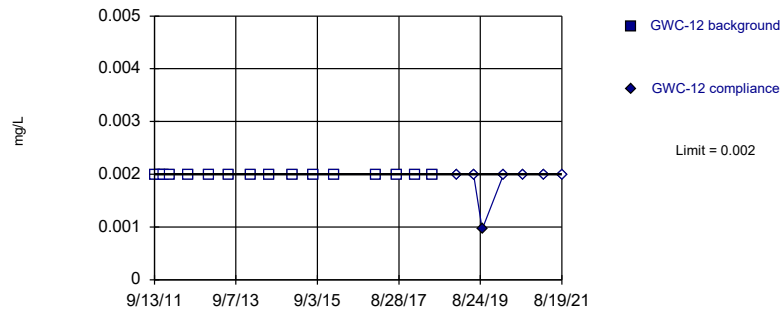


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

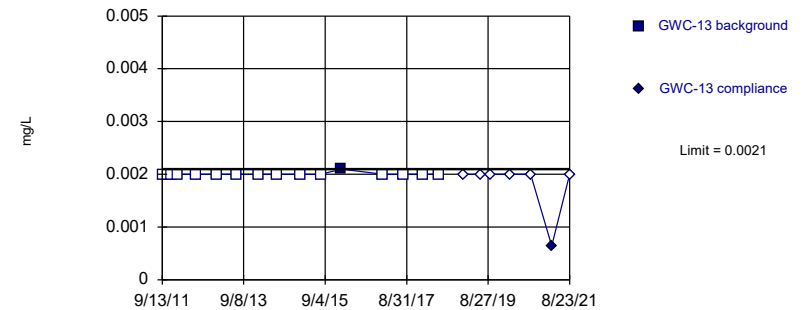


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

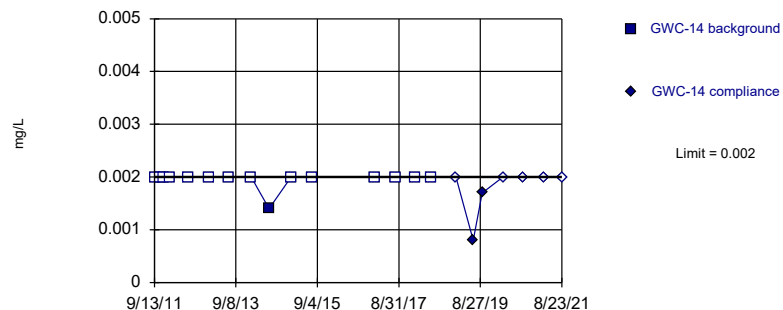


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

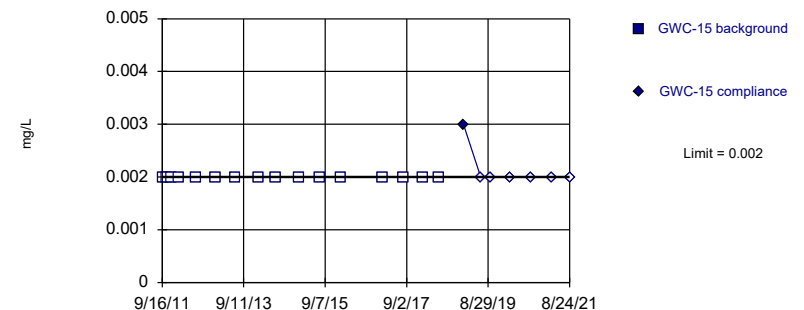


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

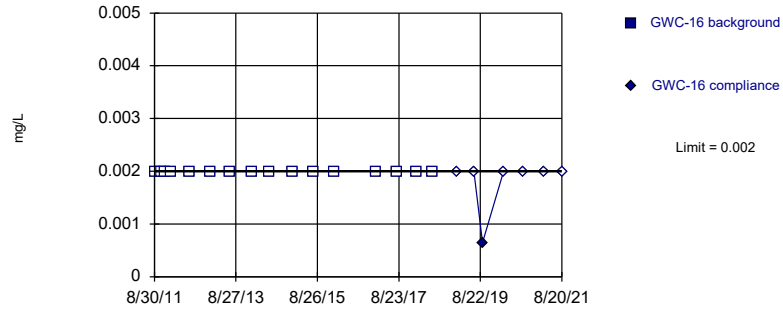


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

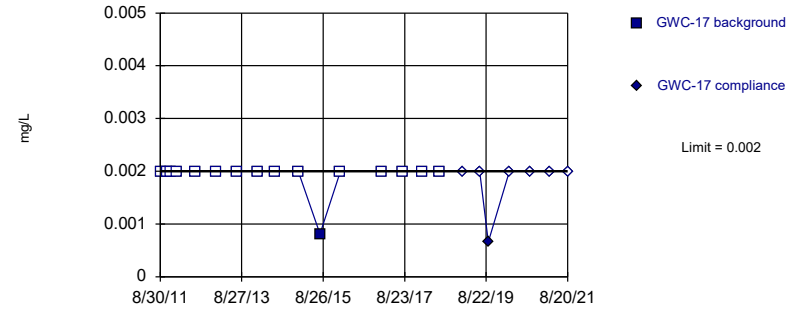


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

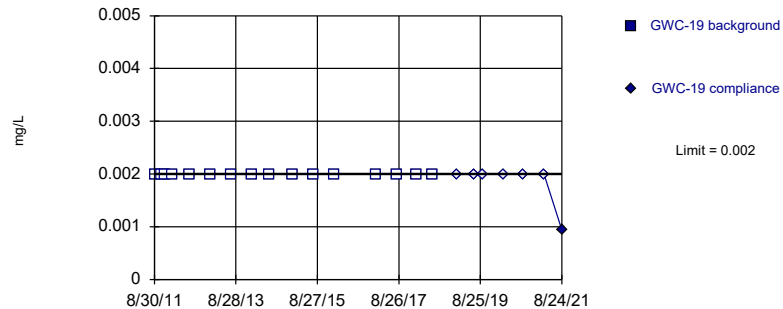


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

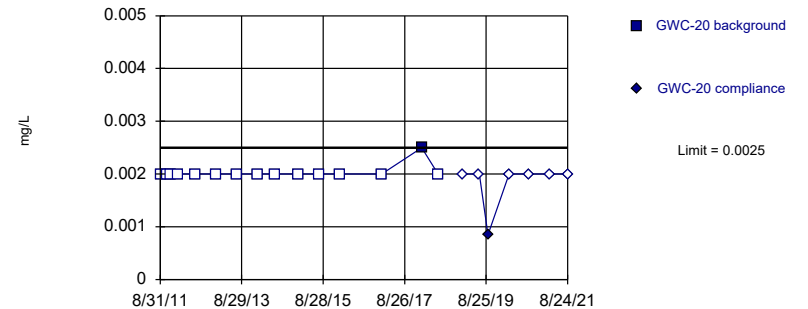


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

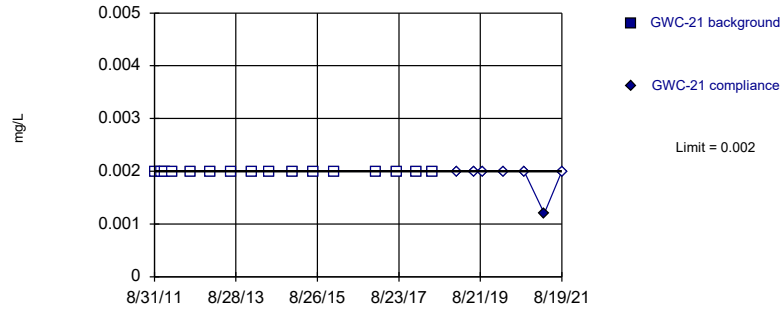


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

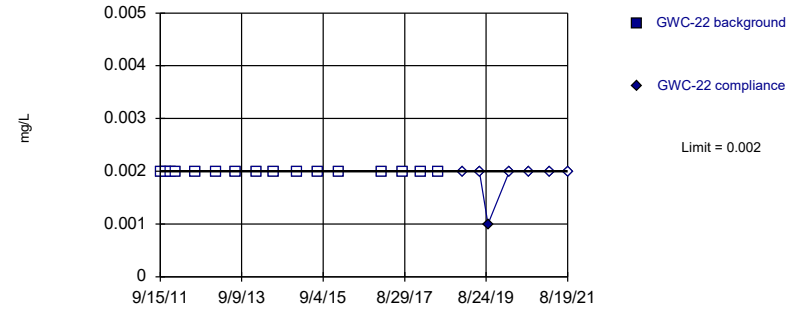


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

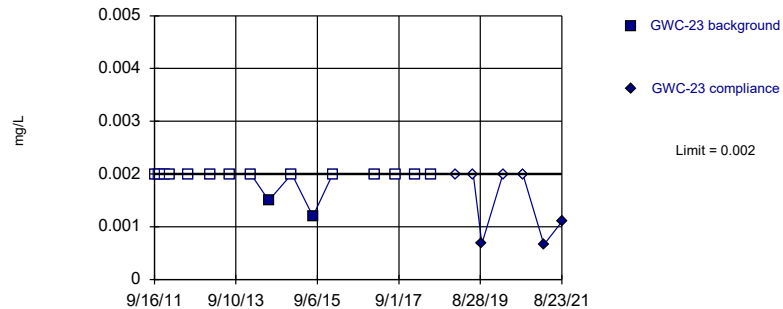


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

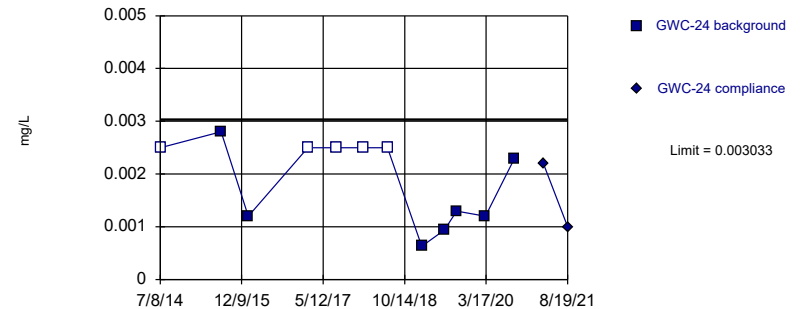


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

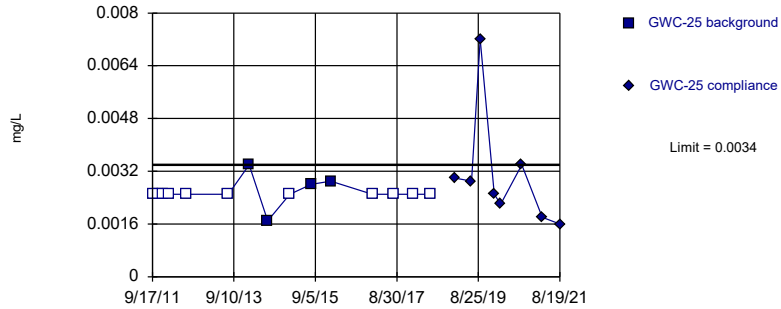


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001326, Std. Dev.=0.0006882, n=12, 41.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8204, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

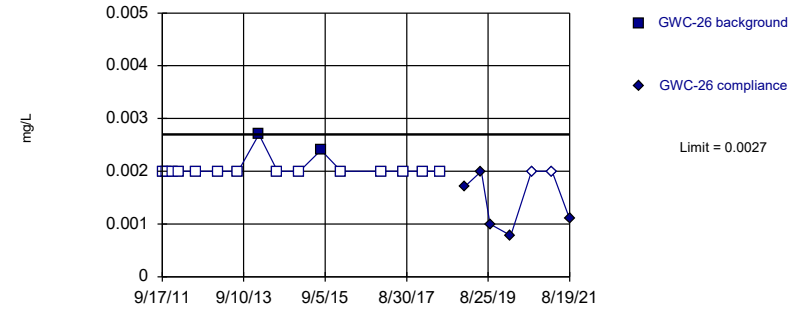


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

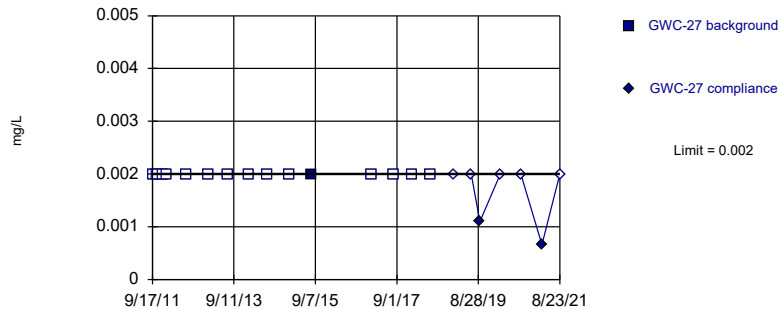


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

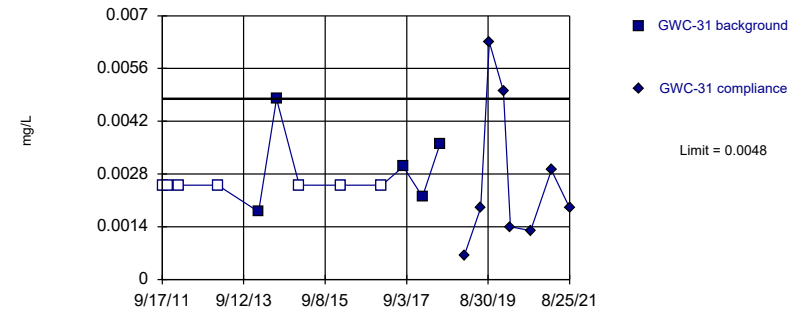


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

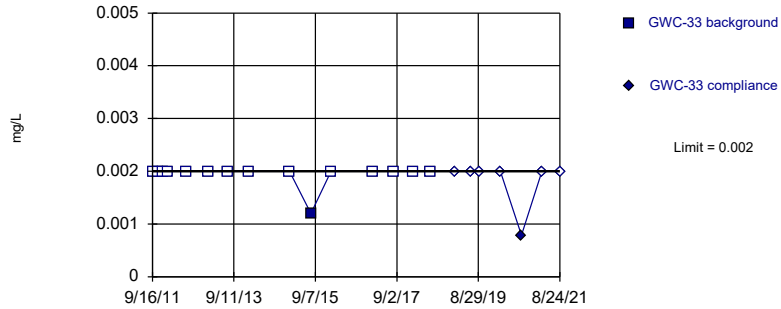


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

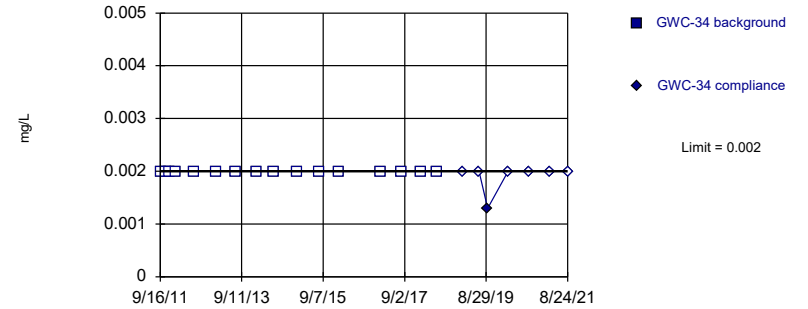


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

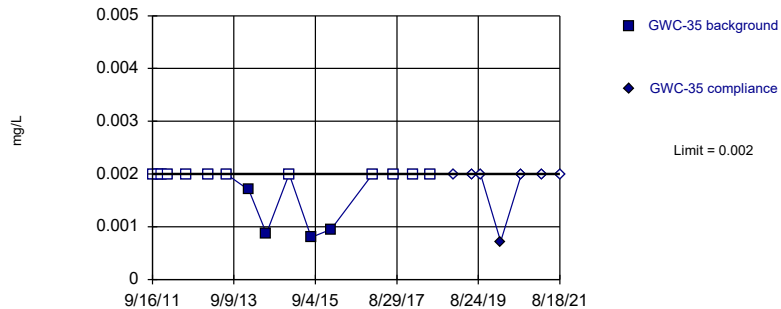


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

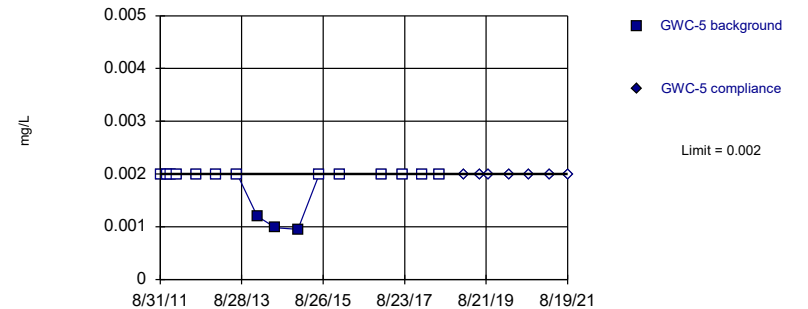


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

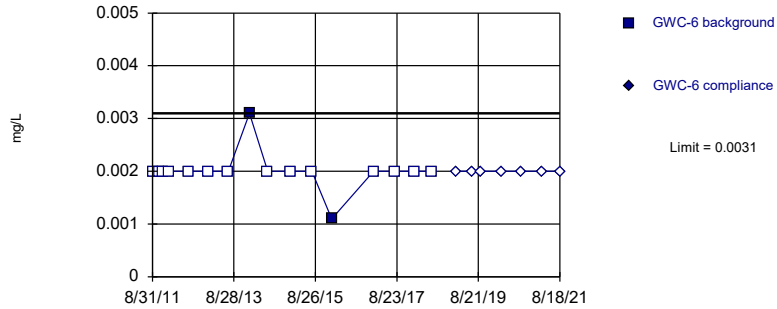


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

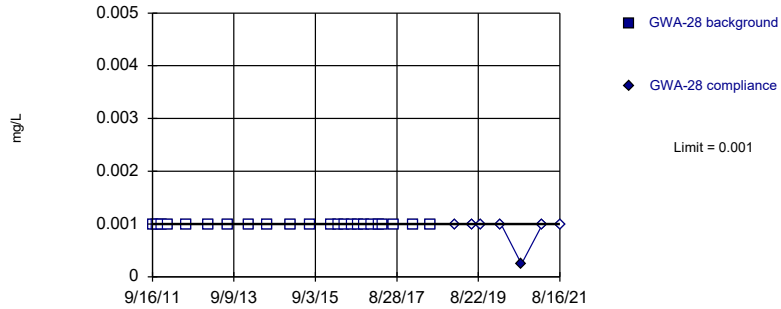
Within Limit

Prediction Limit
Intrawell Non-parametric



Within Limit

Prediction Limit Intrawell Non-parametric

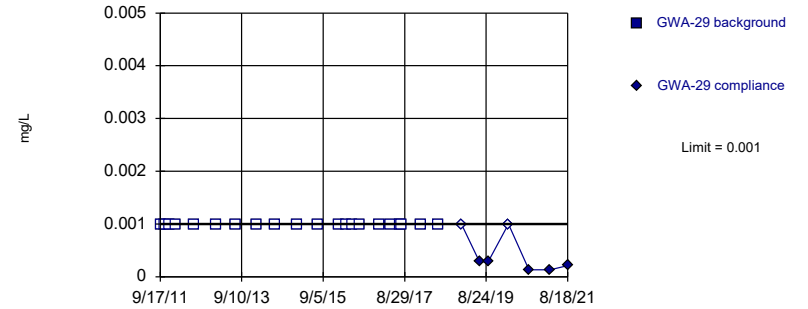


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

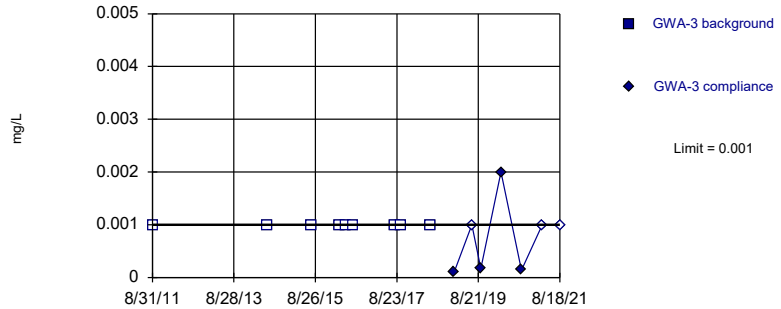


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

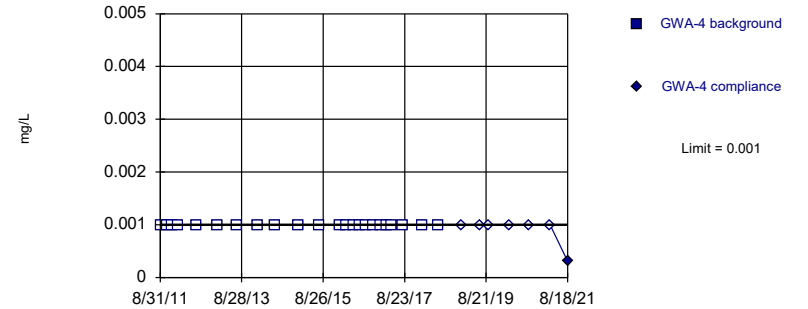


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

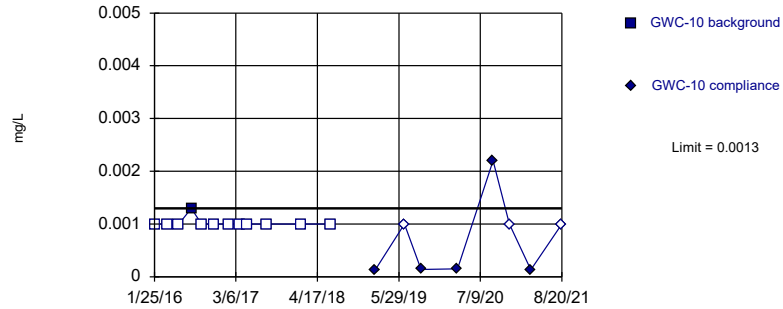


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

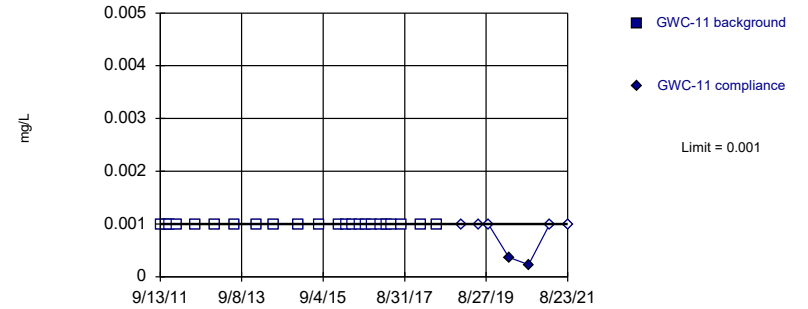


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

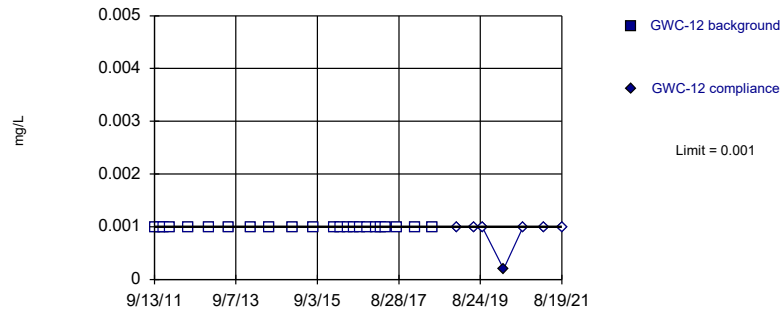


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

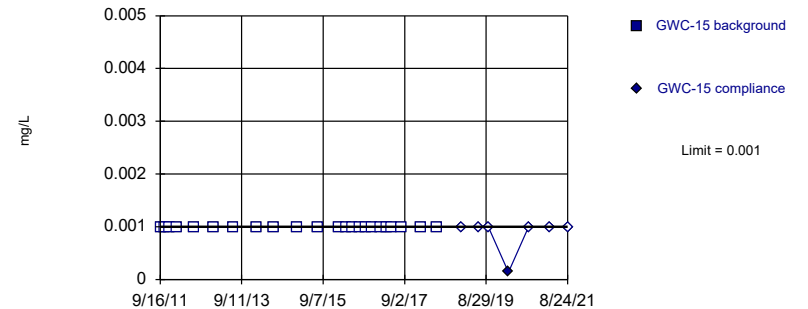


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

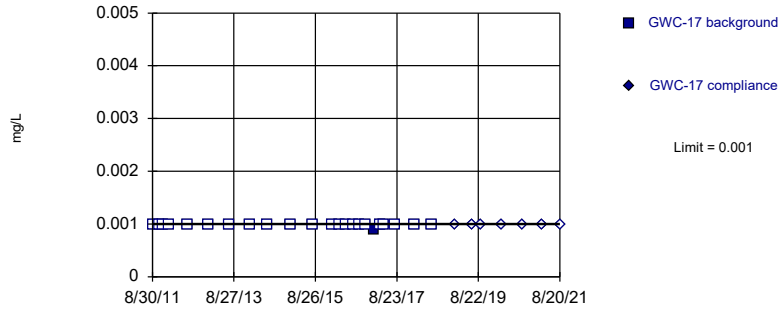


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

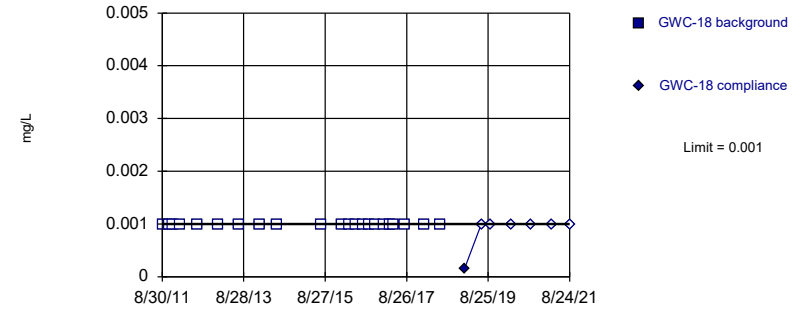


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

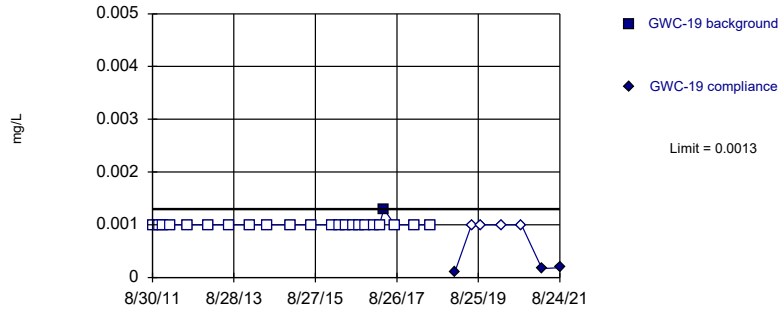


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

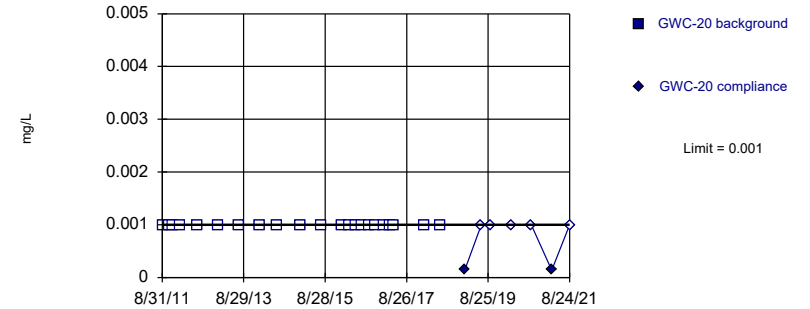


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

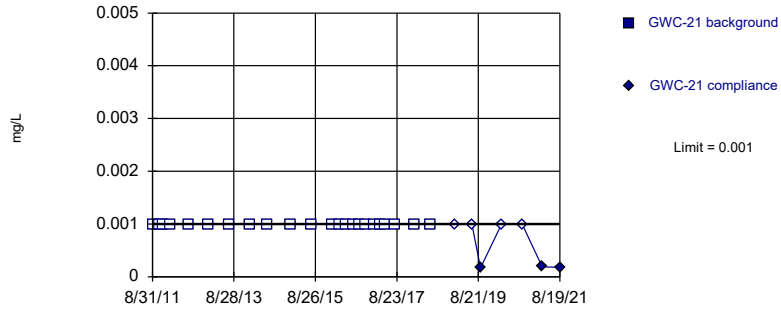


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

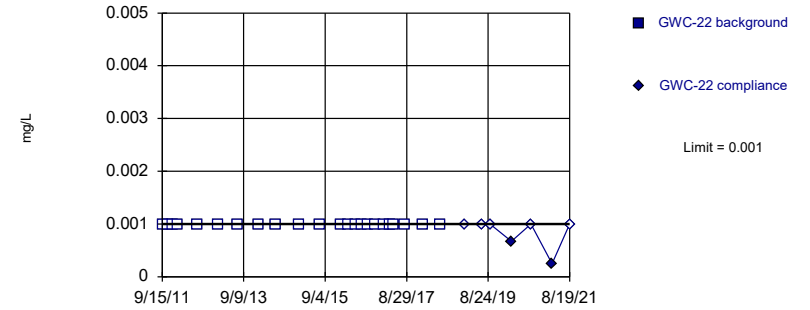


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

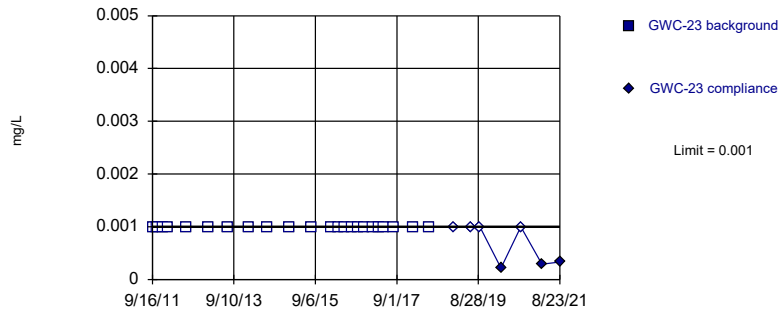


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

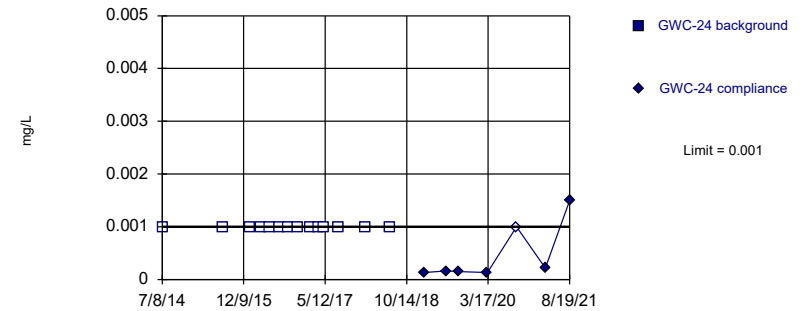


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:34 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

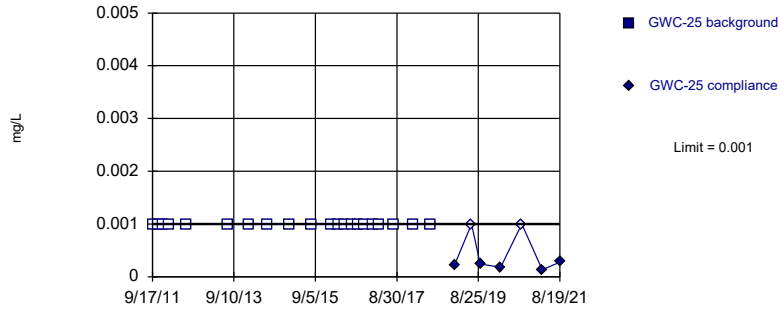


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 14) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

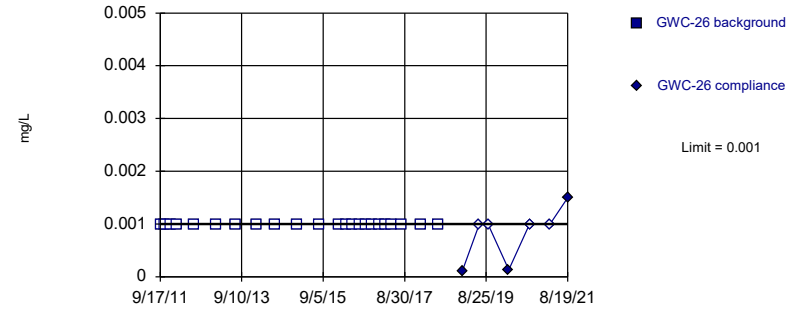


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit Intrawell Non-parametric

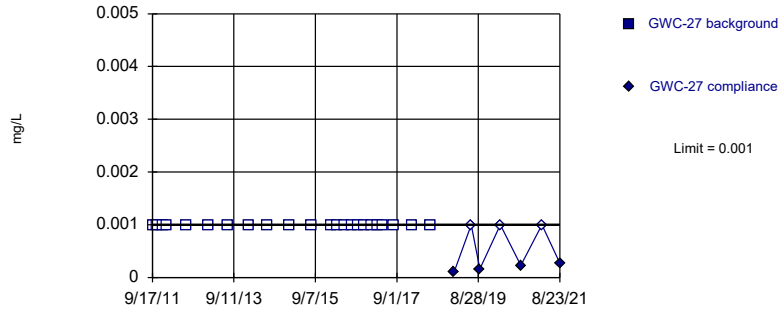


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

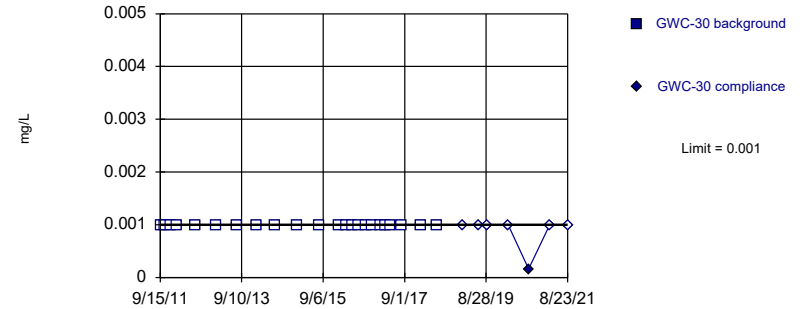


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

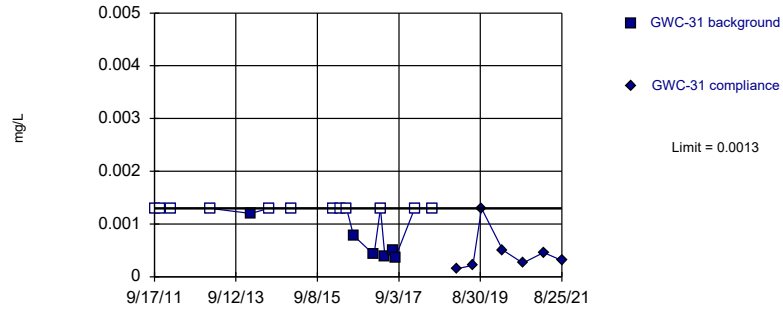


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

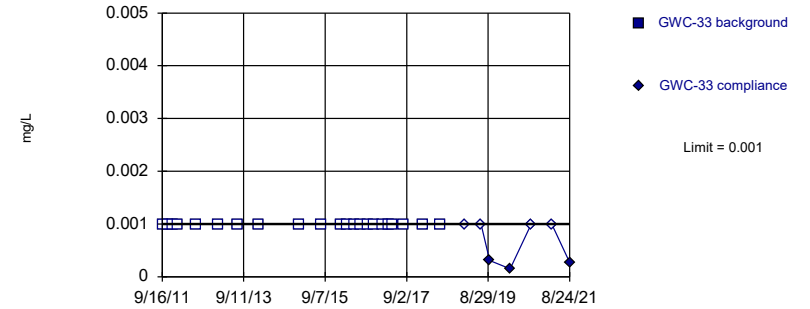


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

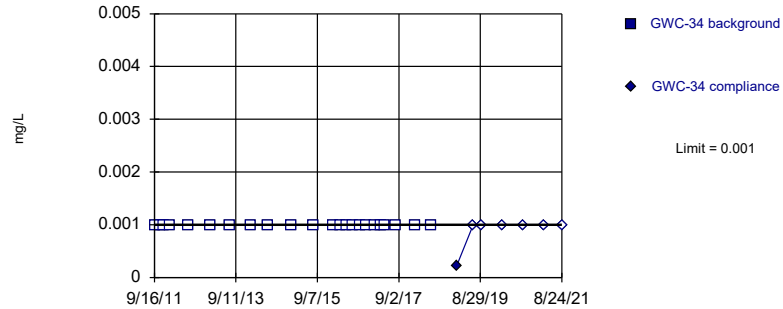


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

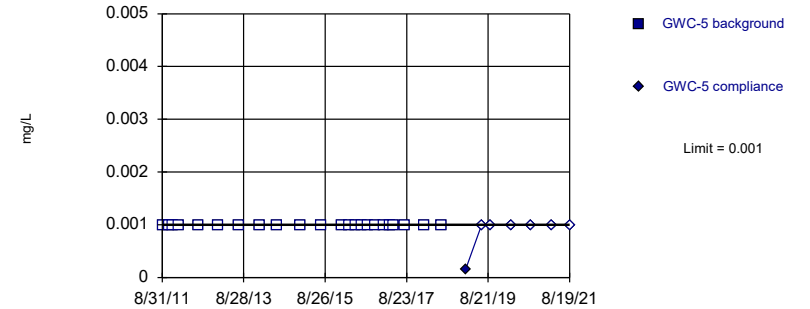


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

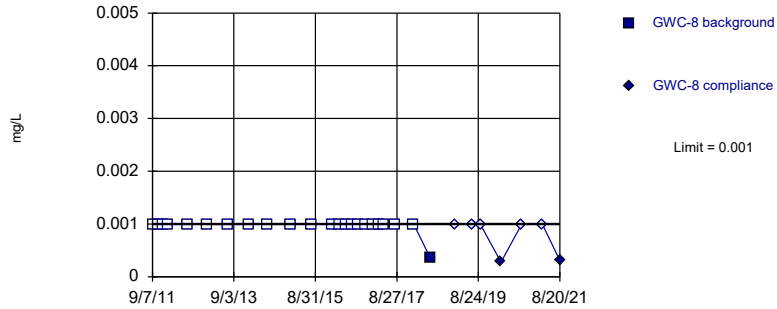


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

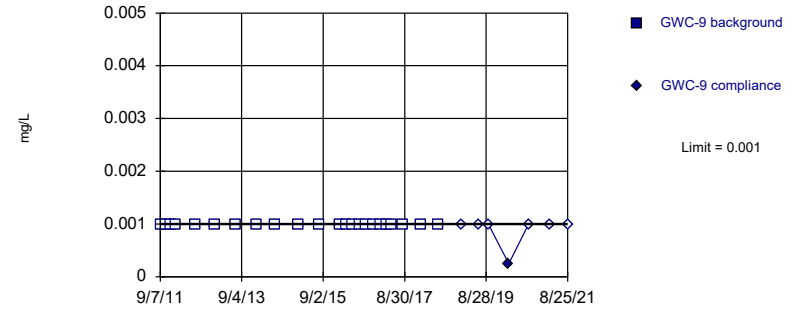


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

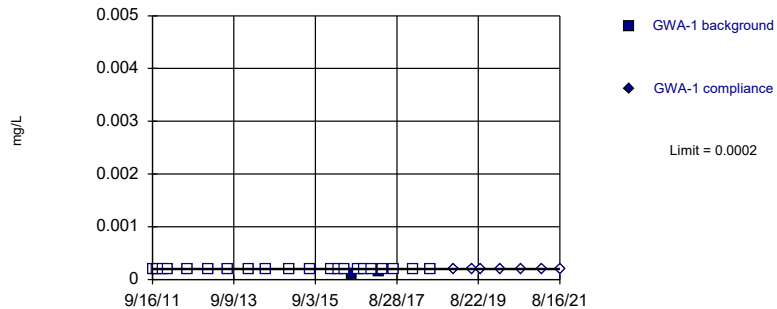


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Lead Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

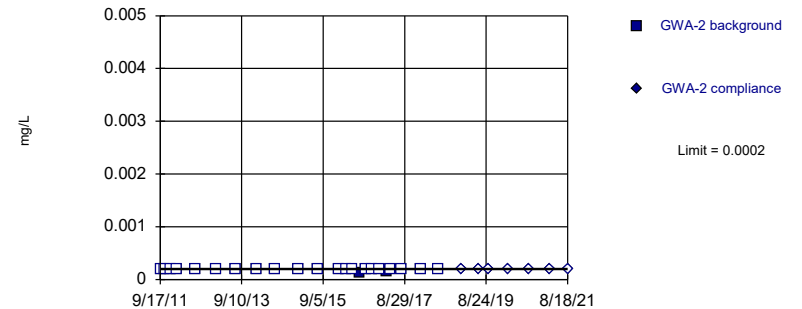


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

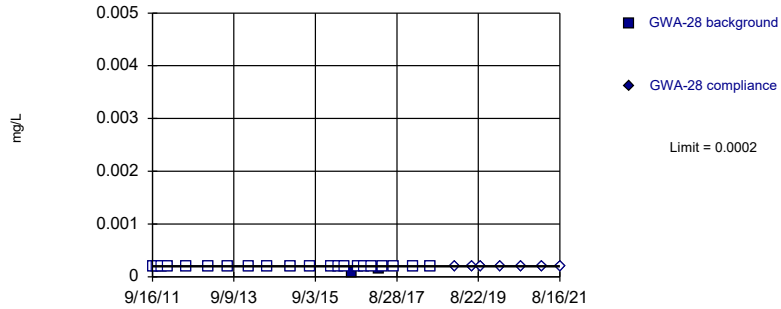


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

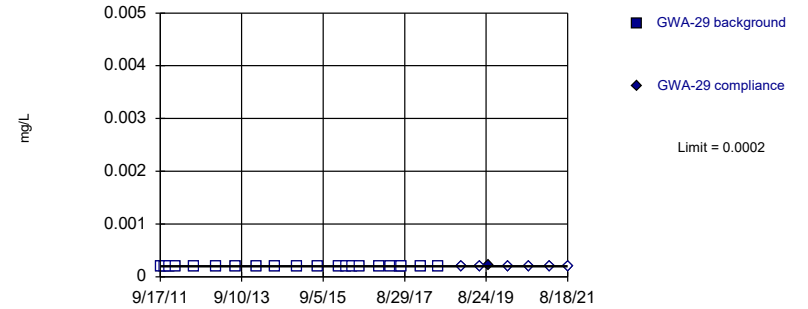


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

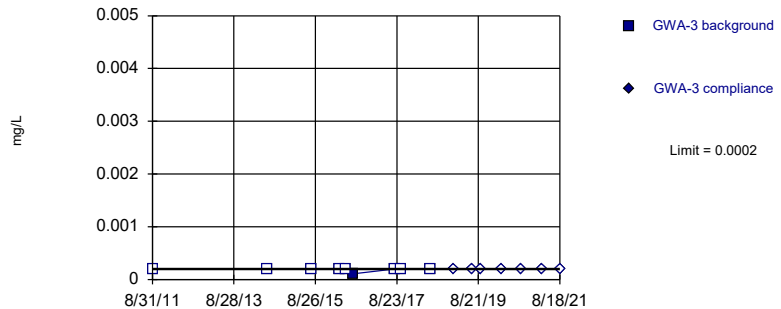


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

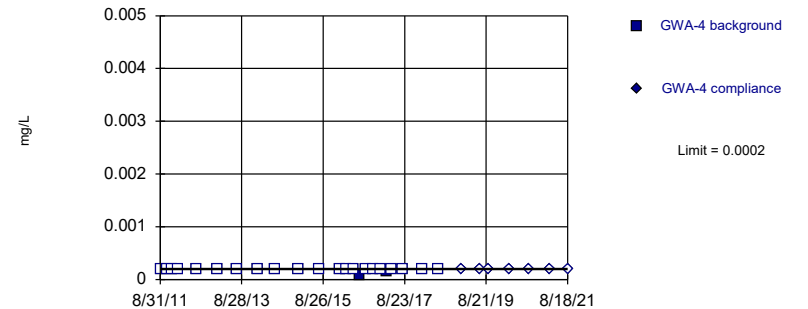


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

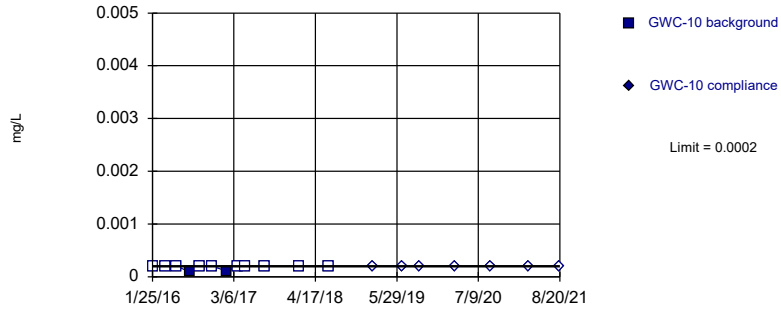


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

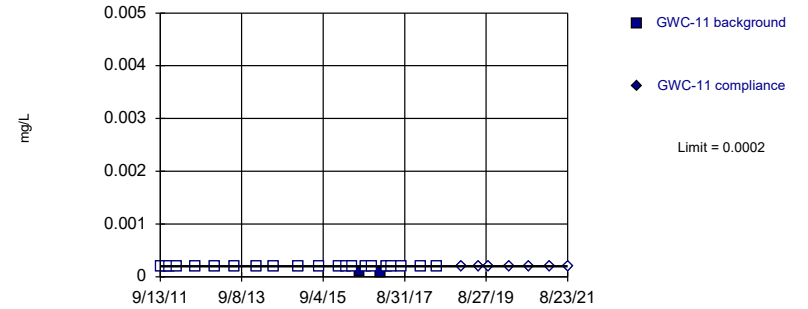


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

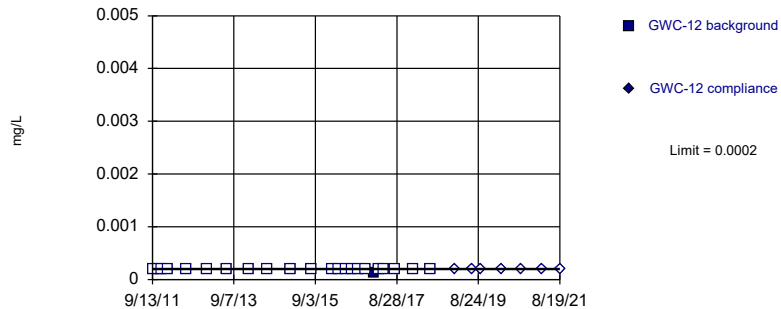


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

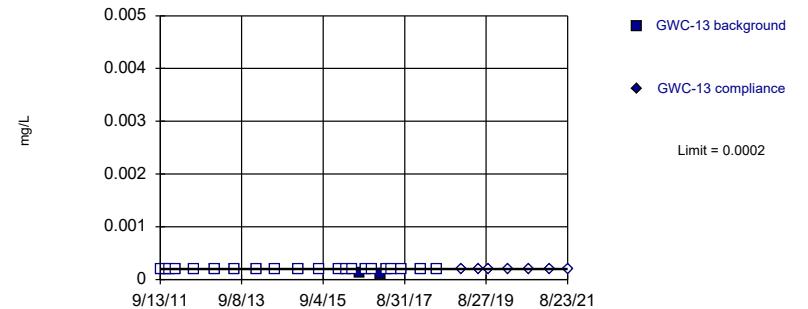


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

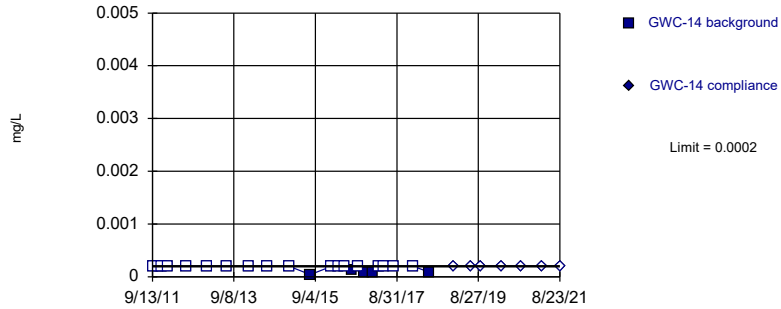


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

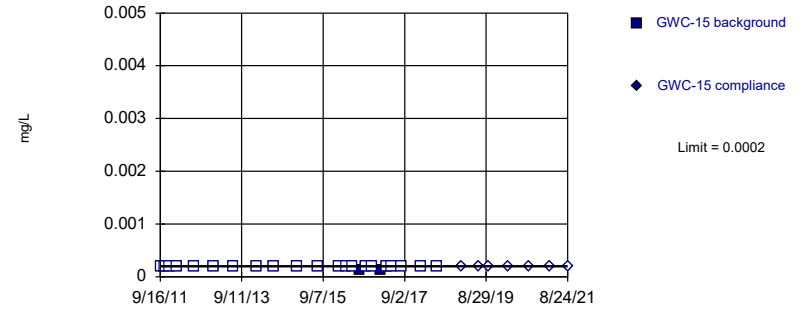


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

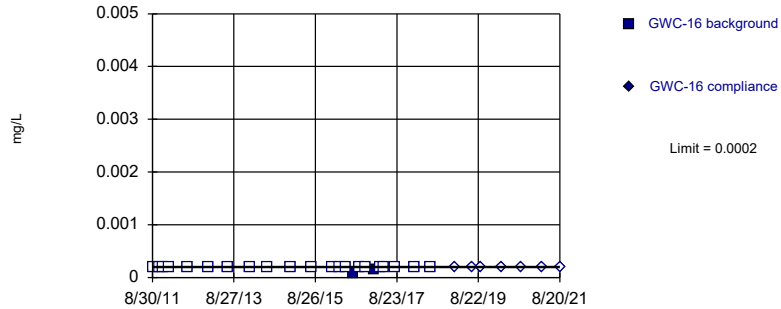


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

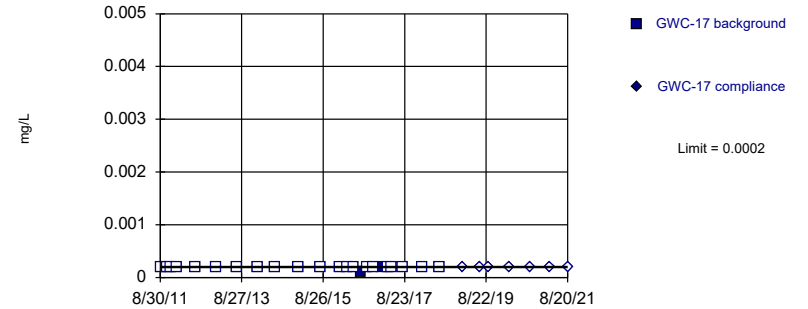


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

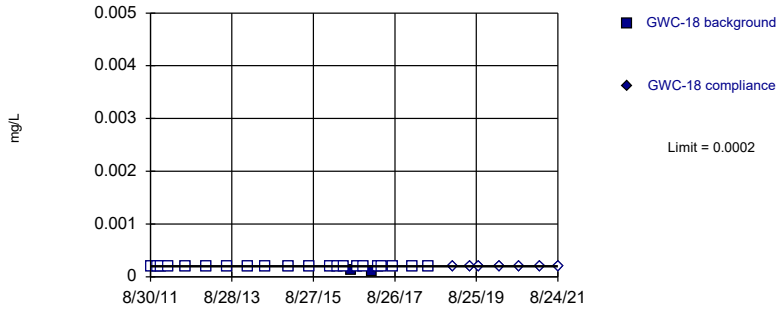


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

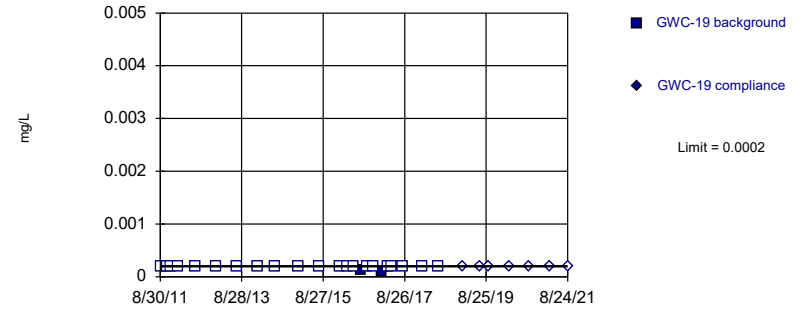


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

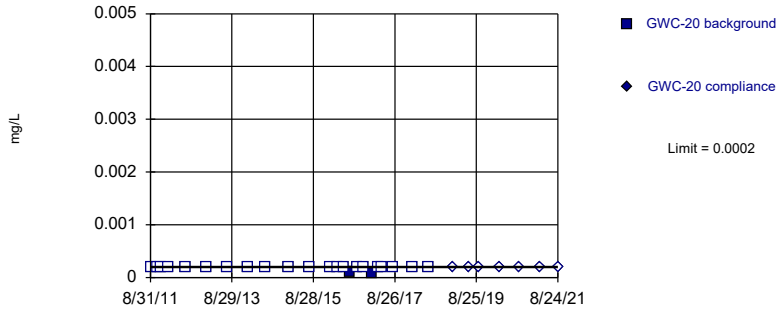


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

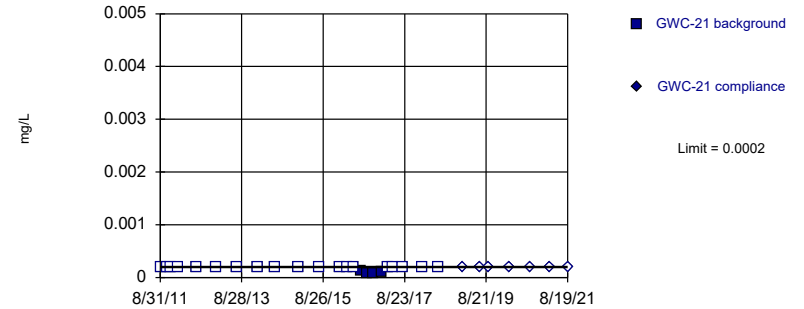


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

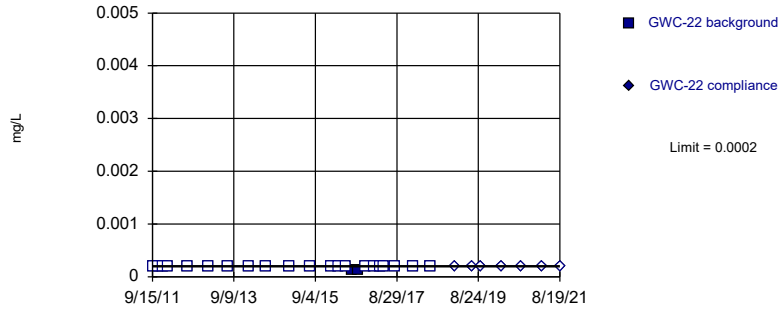


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

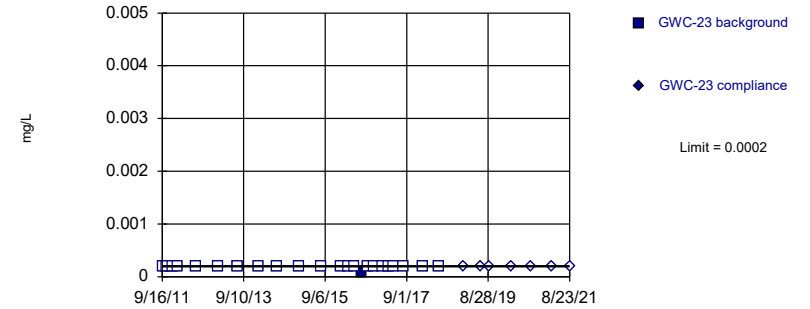


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

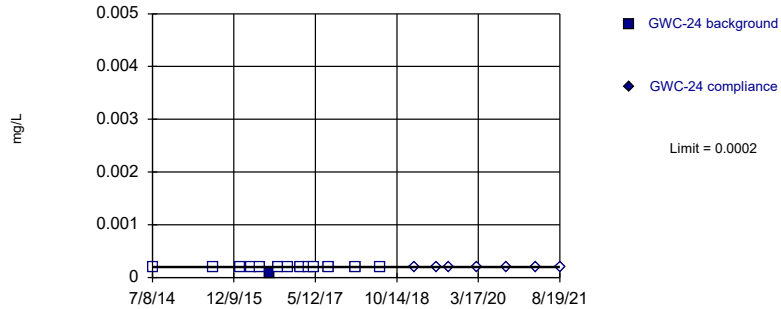


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

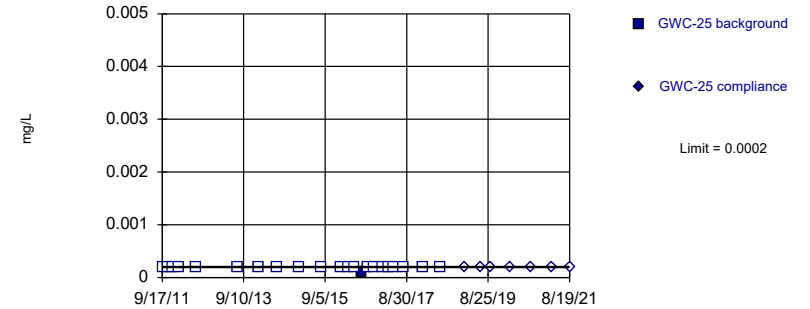


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

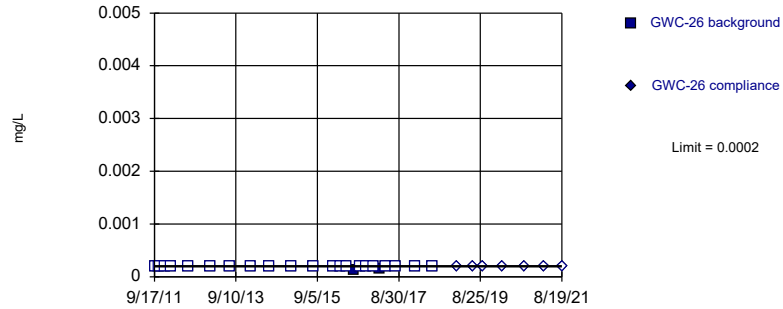


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

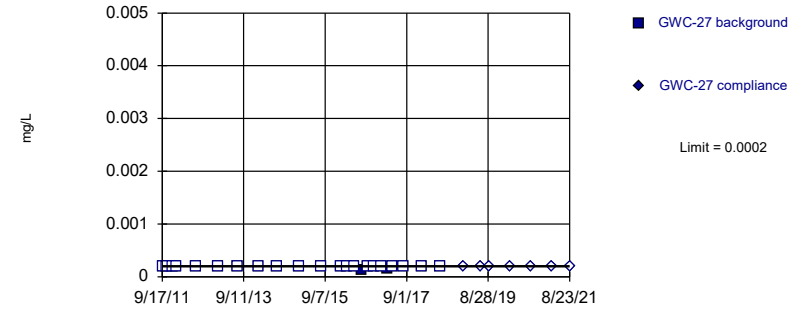


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

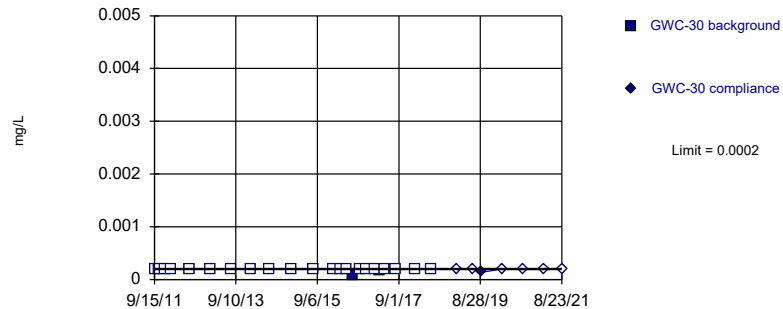


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

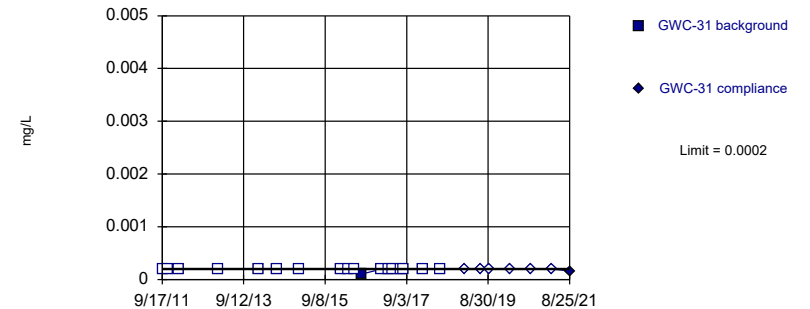


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

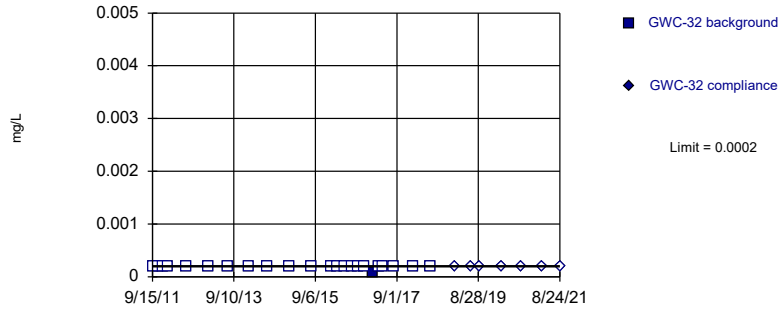


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

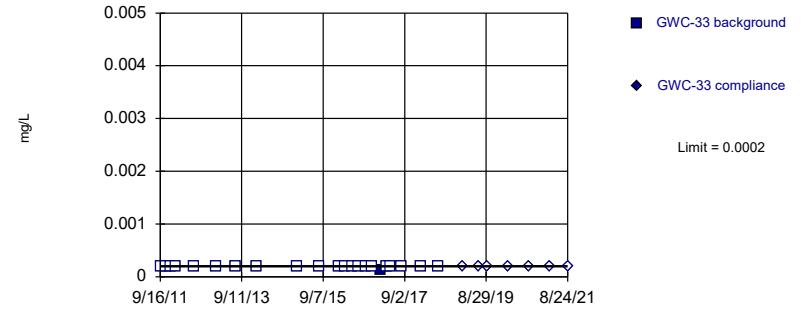


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

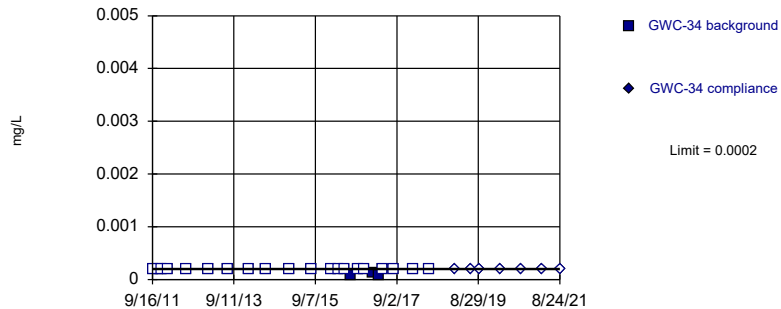


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

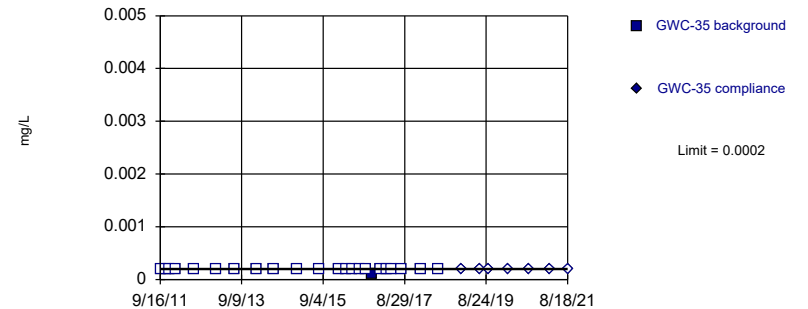


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

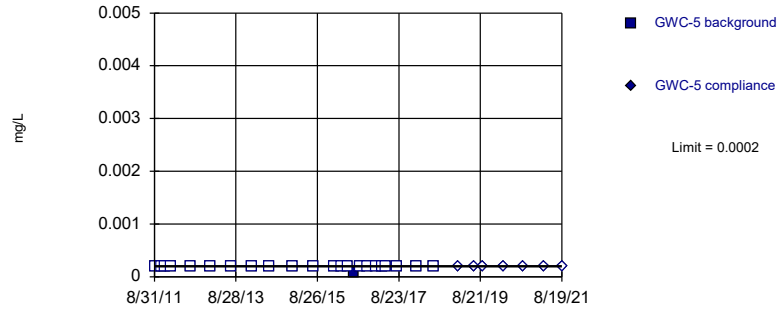


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

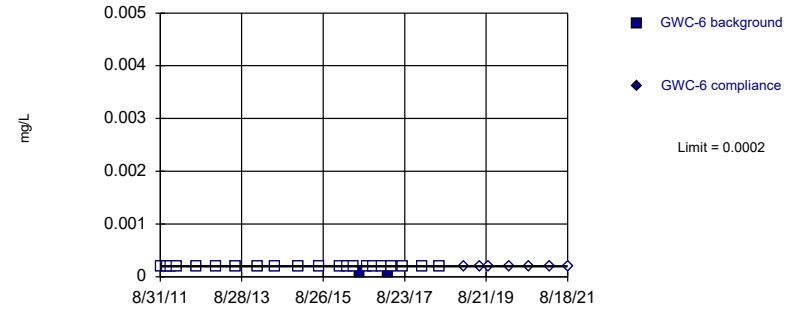


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

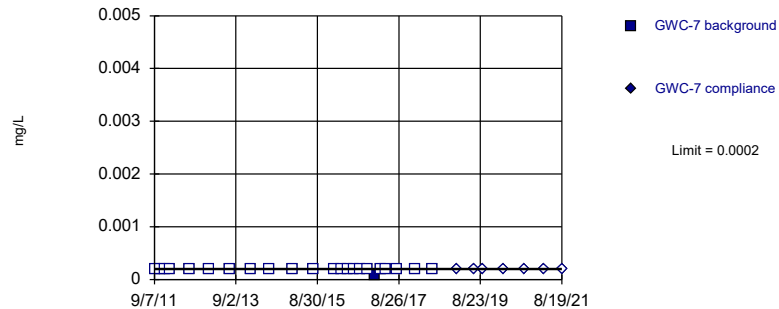


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

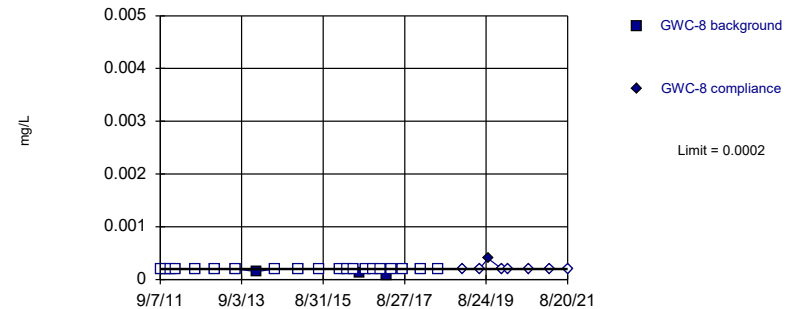


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

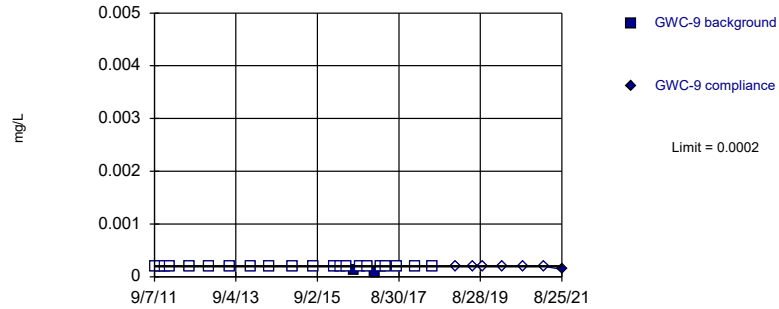


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

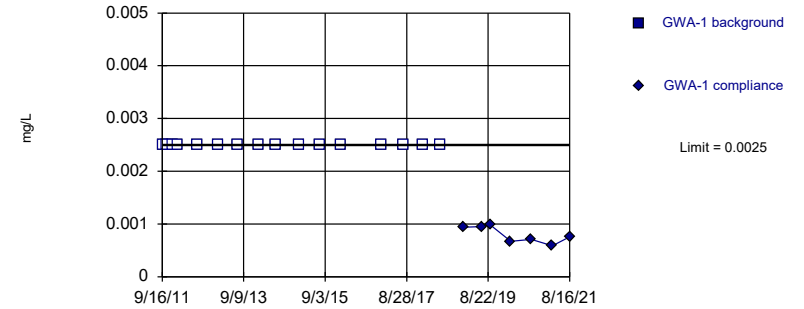


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Mercury Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

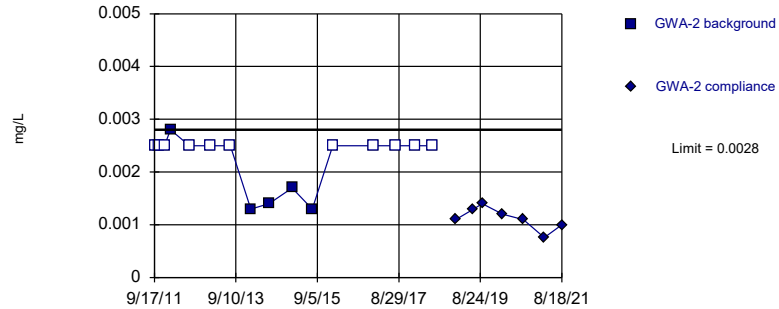


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

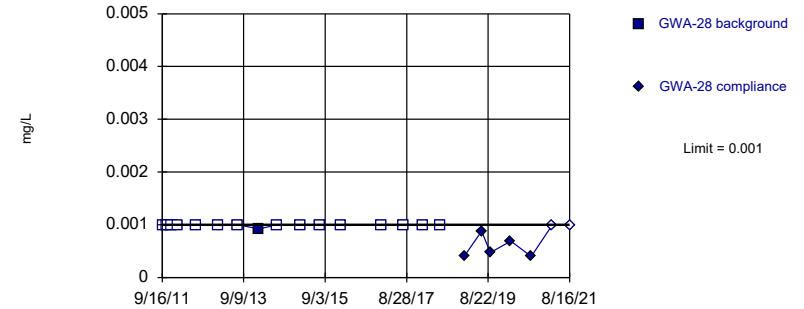


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

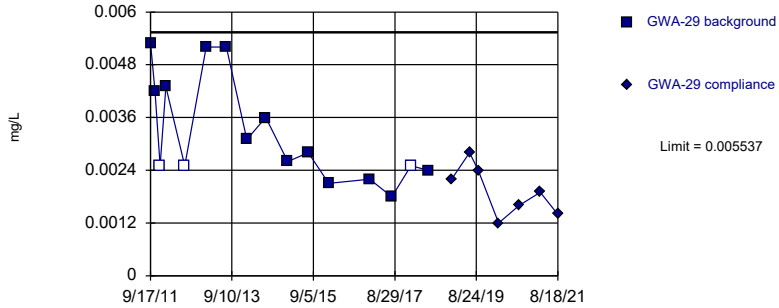


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

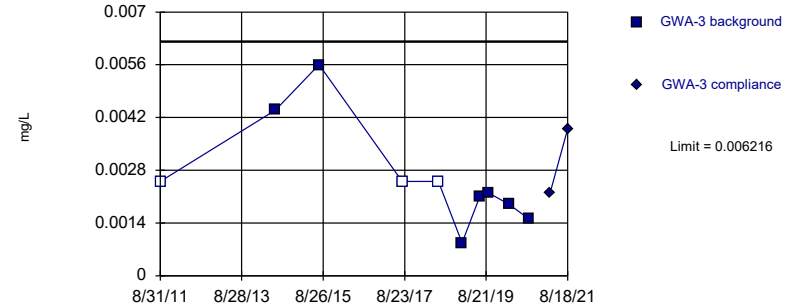


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003044, Std. Dev.=0.001124, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

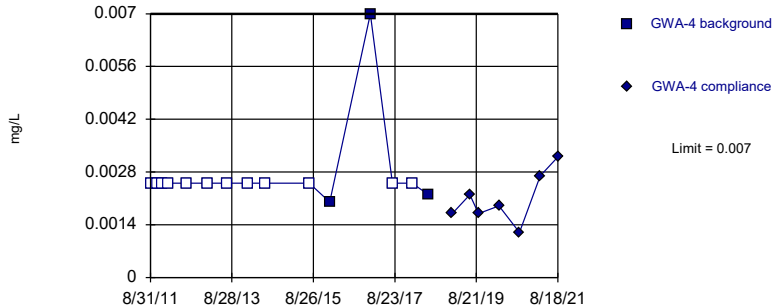


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002371, Std. Dev.=0.00141, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8569, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

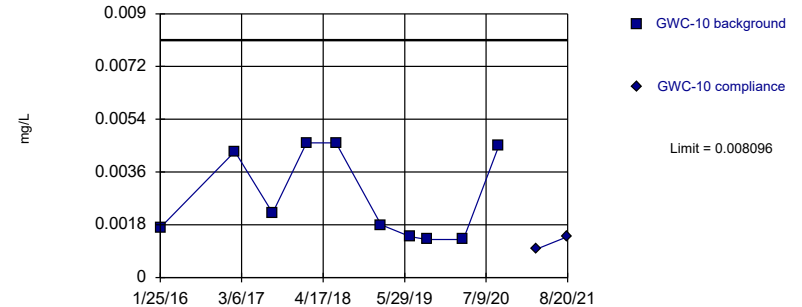


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

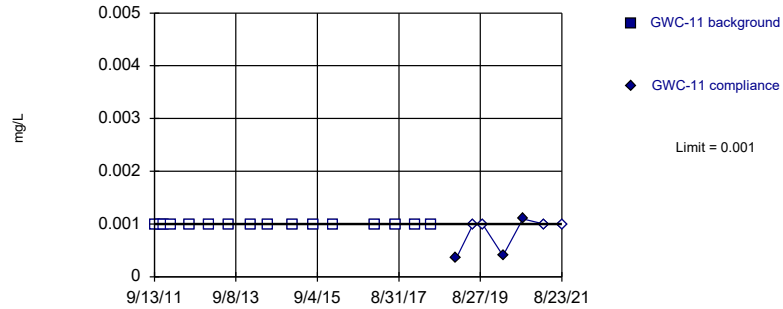


Background Data Summary (based on square root transformation): Mean=0.05084, Std. Dev.=0.01435, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.787, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

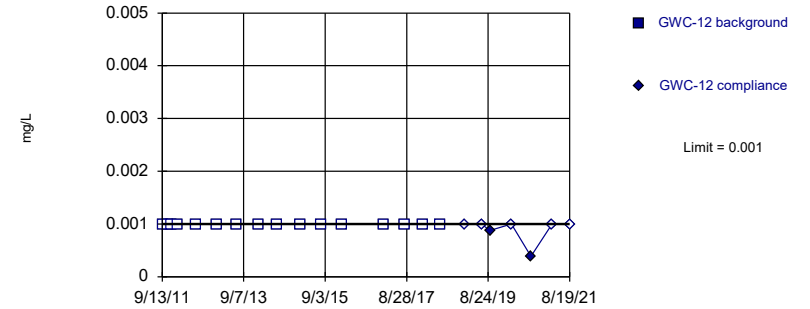


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

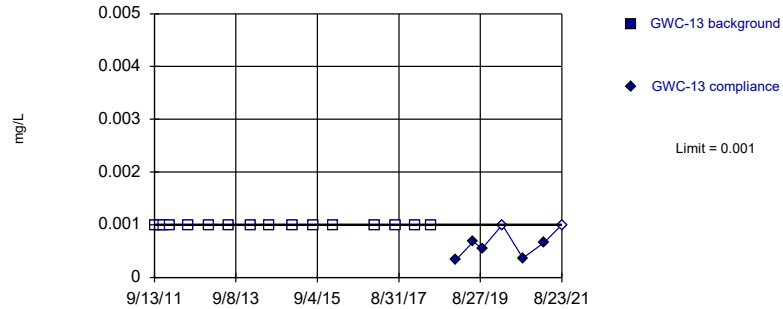


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

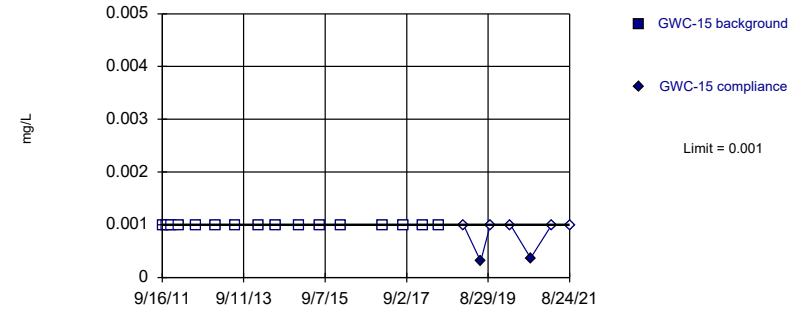


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

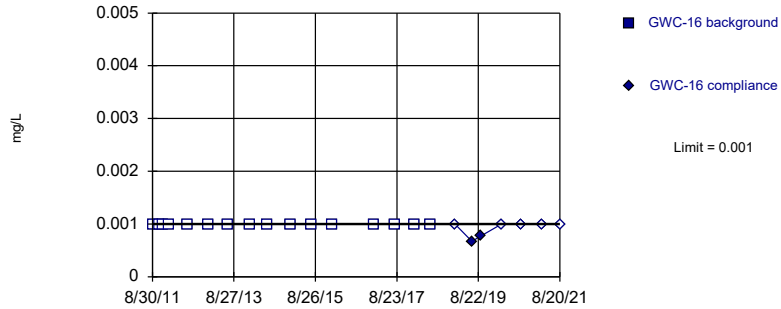


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

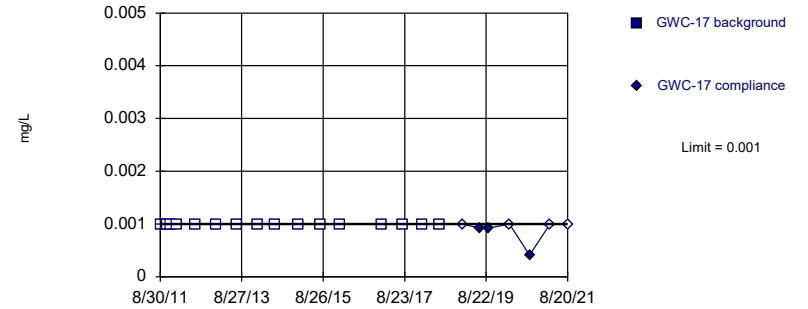


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

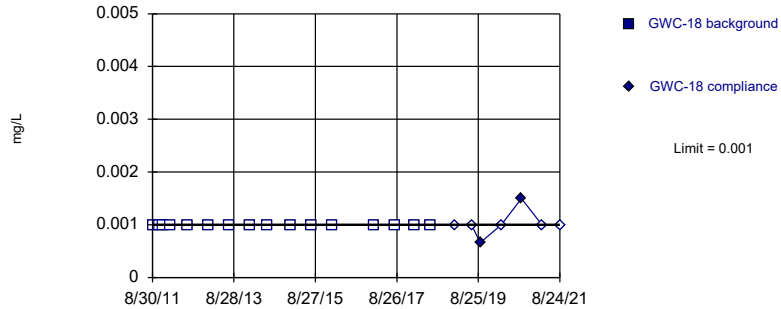


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

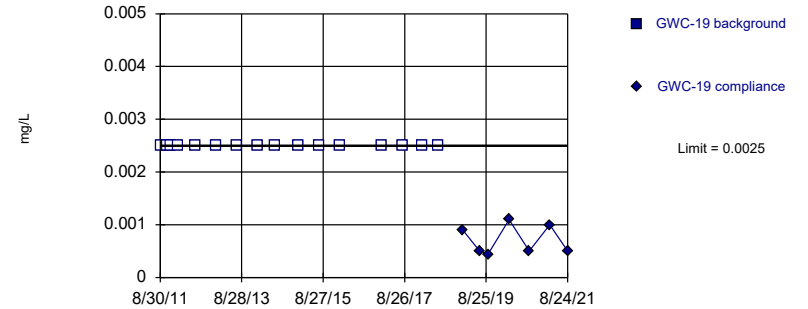


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

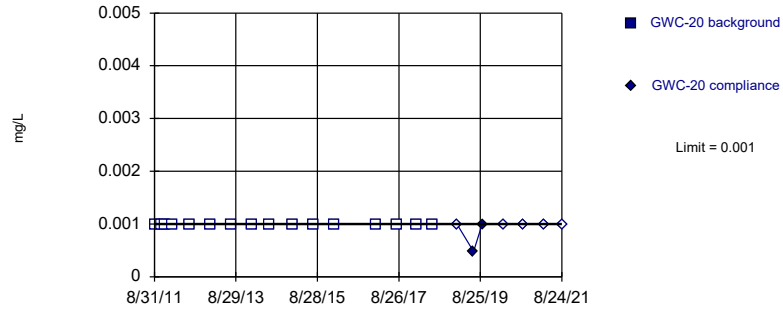


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

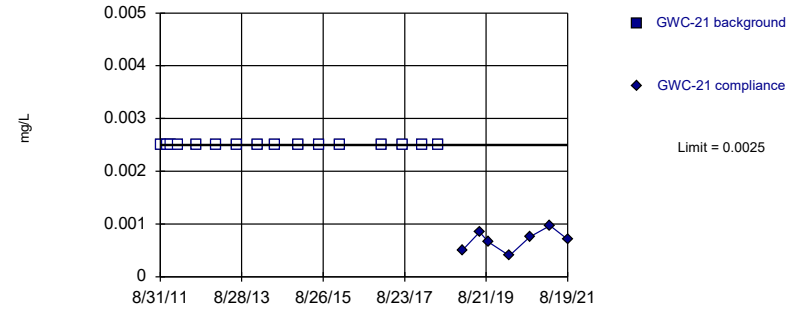


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

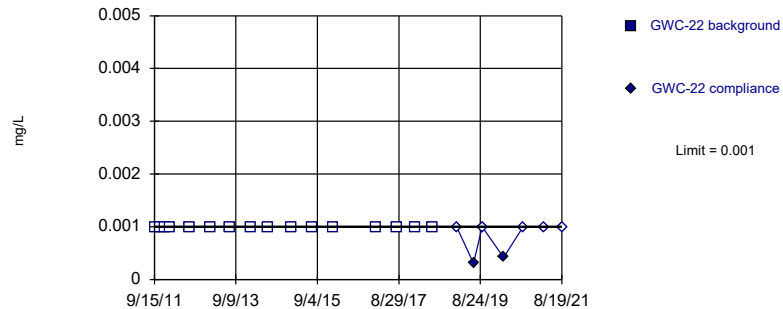


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

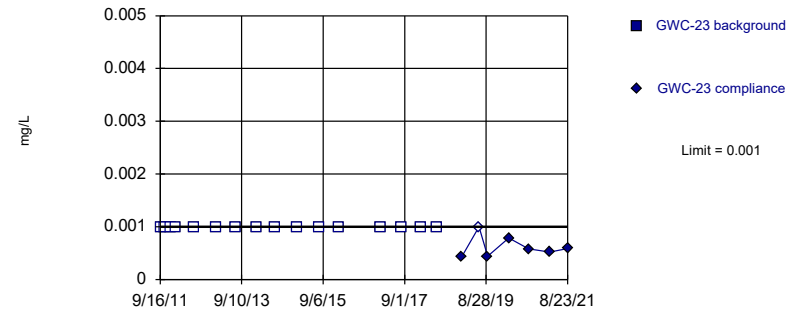


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

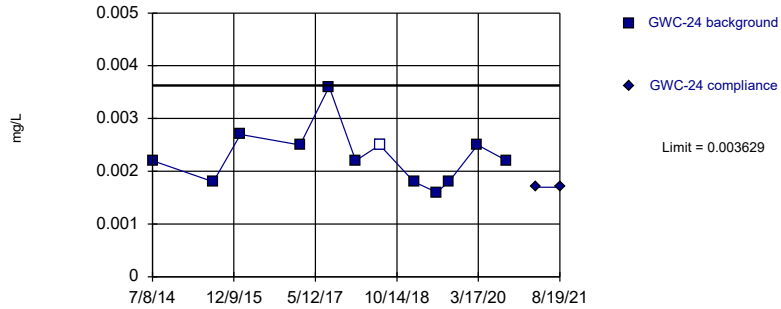


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:35 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

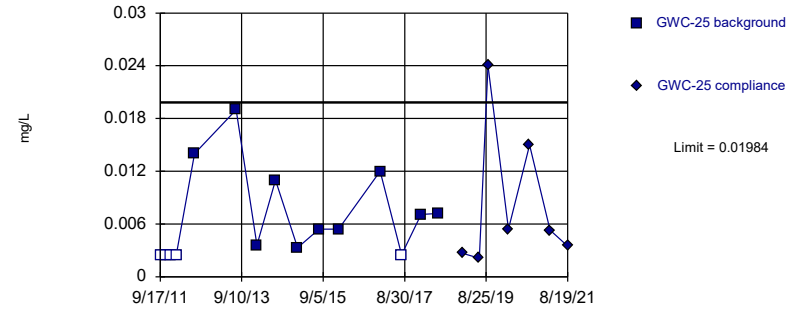


Background Data Summary: Mean=0.002283, Std. Dev.=0.0005424, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

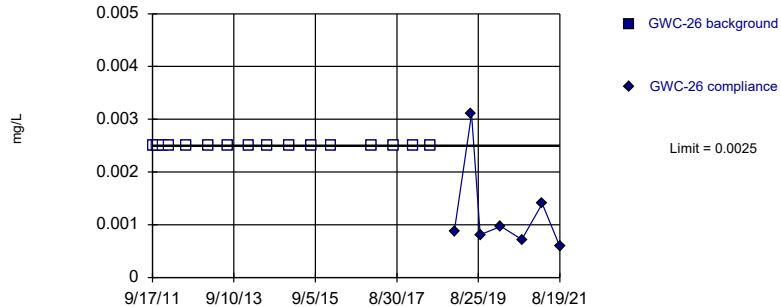


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07554, Std. Dev.=0.0286, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8657, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

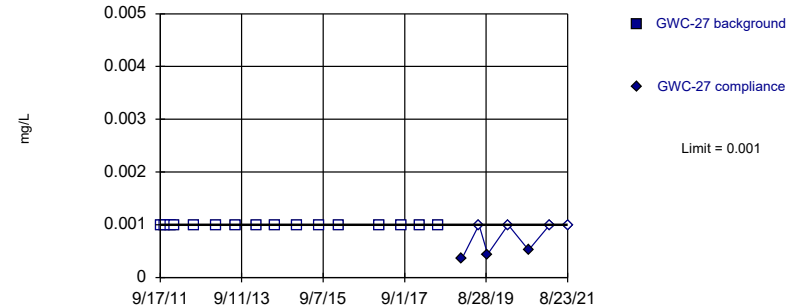


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

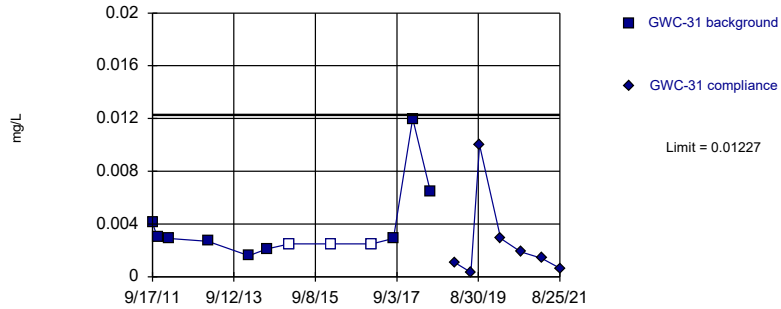


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

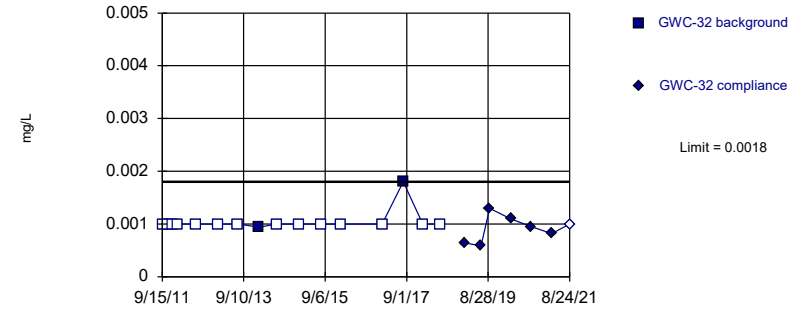


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.856, Std. Dev.=0.5866, n=12, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

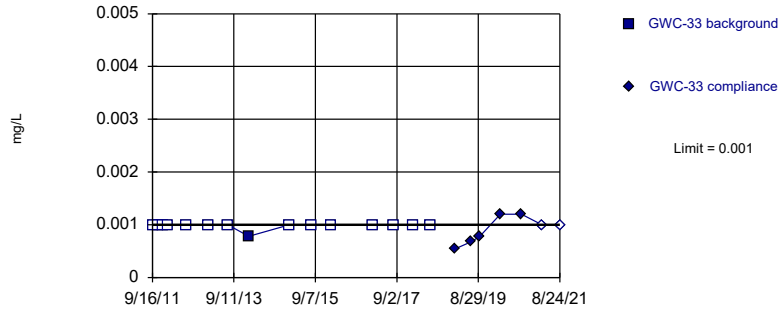


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

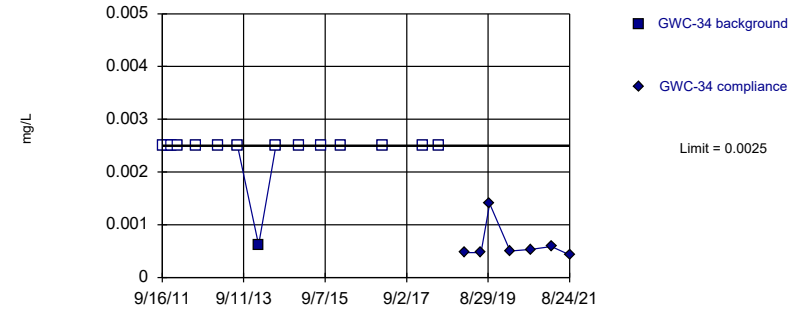


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

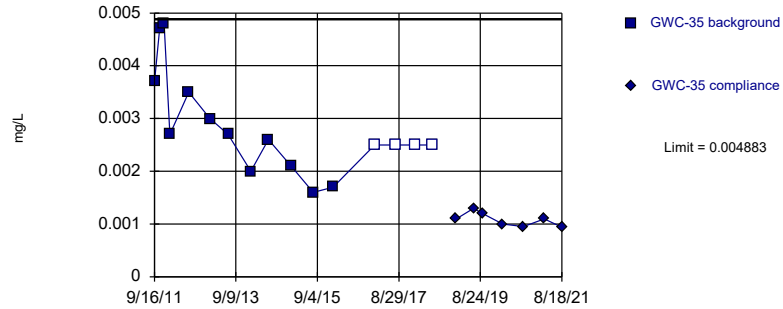


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

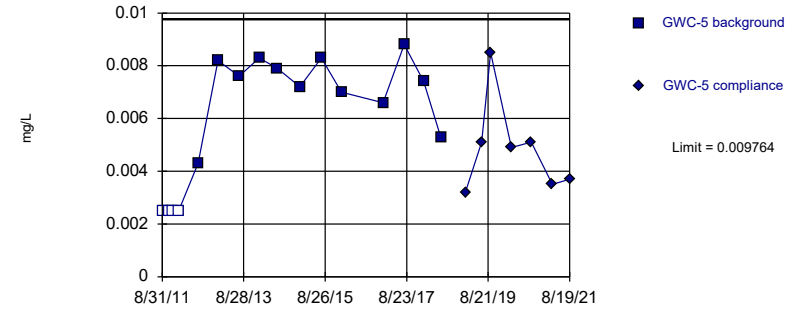


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002608, Std. Dev.=0.001025, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

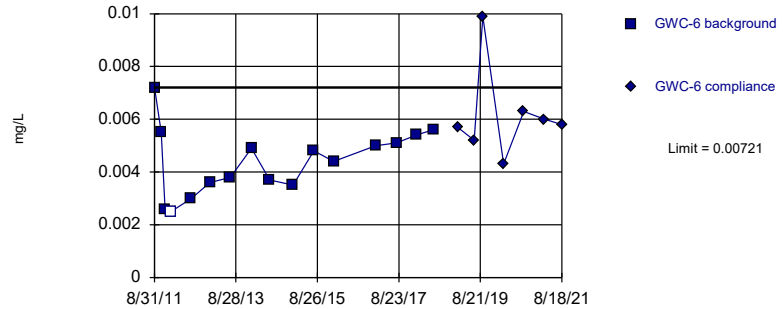


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.00003998, Std. Dev.=0.00002495, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

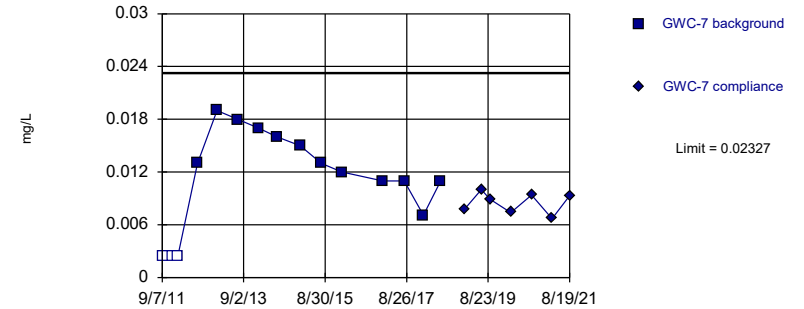


Background Data Summary: Mean=0.004412, Std. Dev.=0.001261, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9588, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

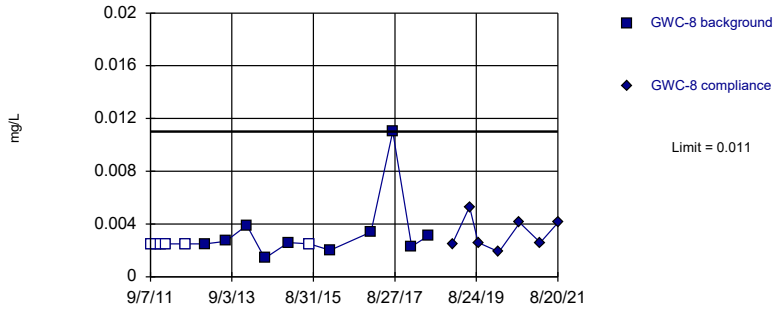


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.009385, Std. Dev.=0.006258, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8939, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

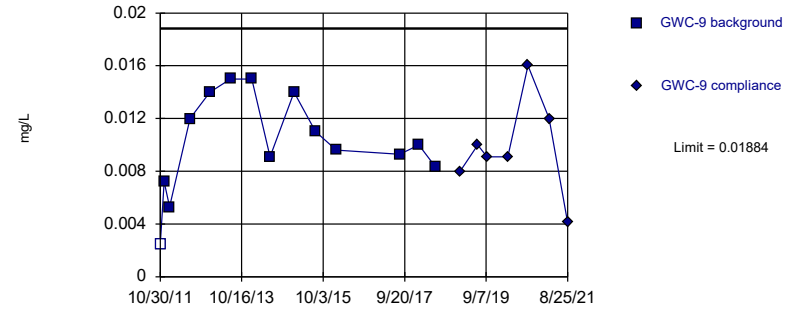


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

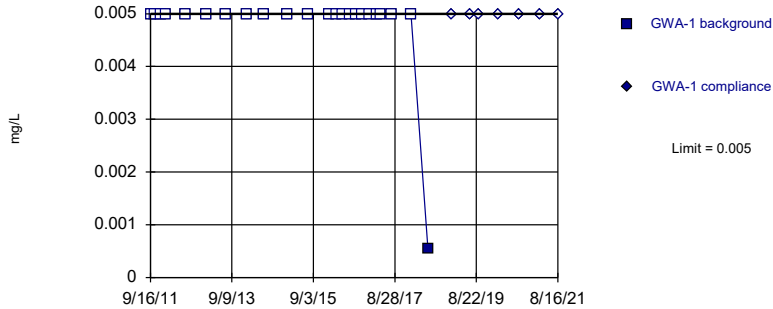


Background Data Summary: Mean=0.01016, Std. Dev.=0.003691, n=14, 7.143% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9503, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

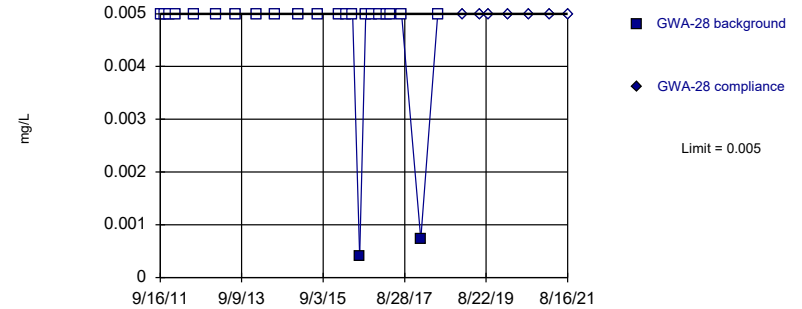


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

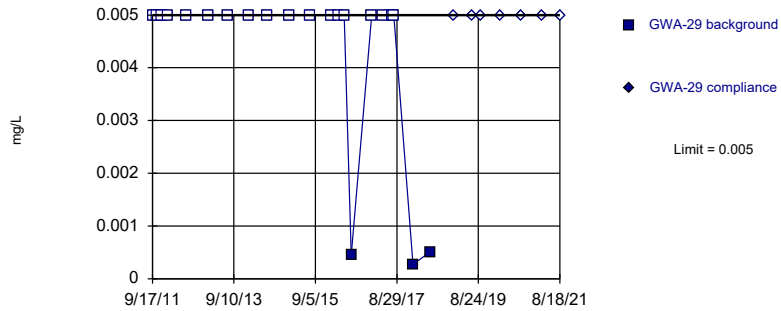


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

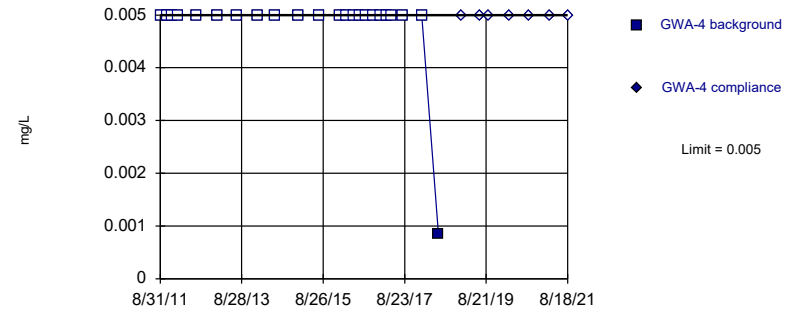


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

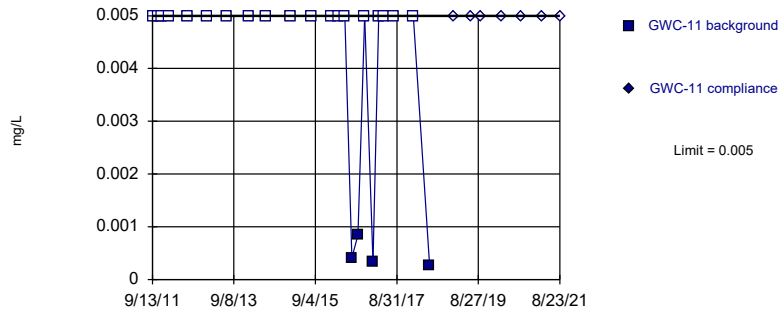


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

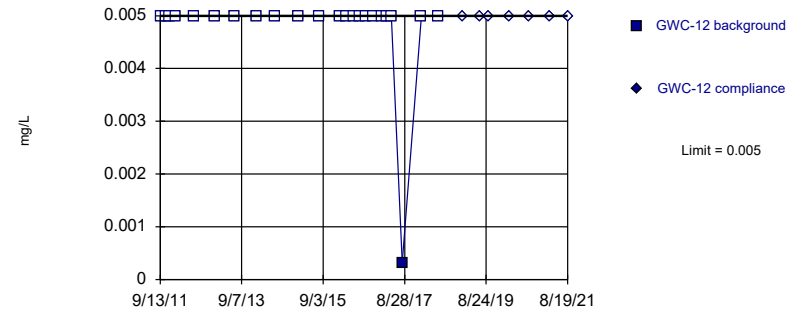


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

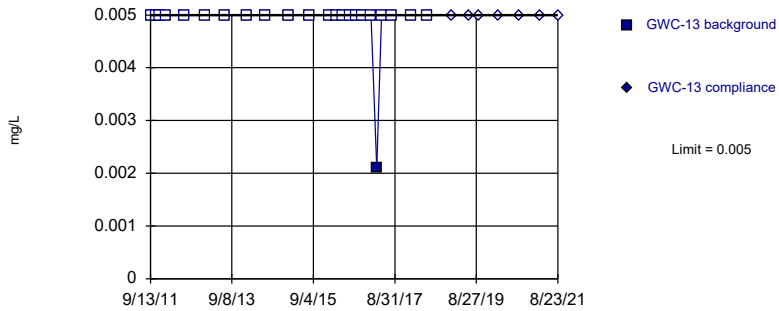


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

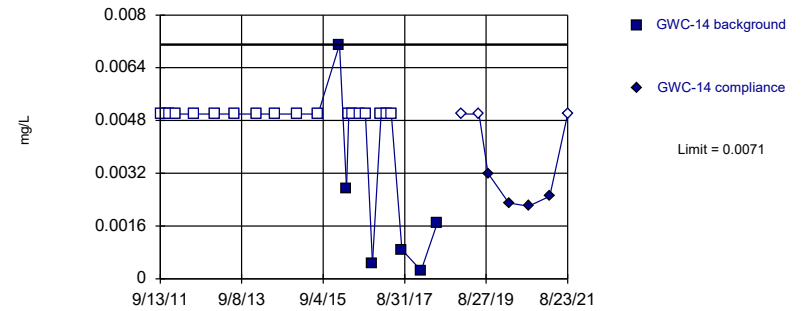


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

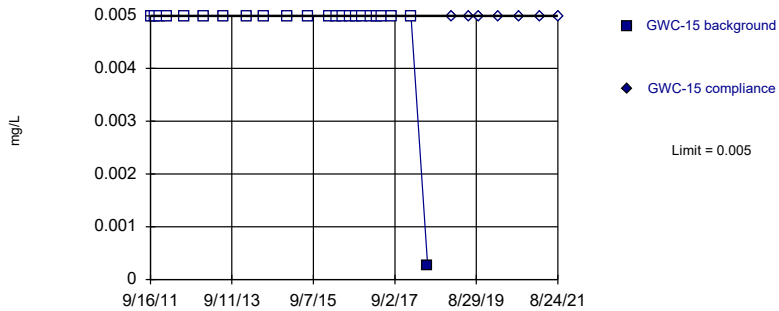


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 75% NDs. Well-constituent pair annual alpha = 0.0007123. Individual comparison alpha = 0.0003562 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

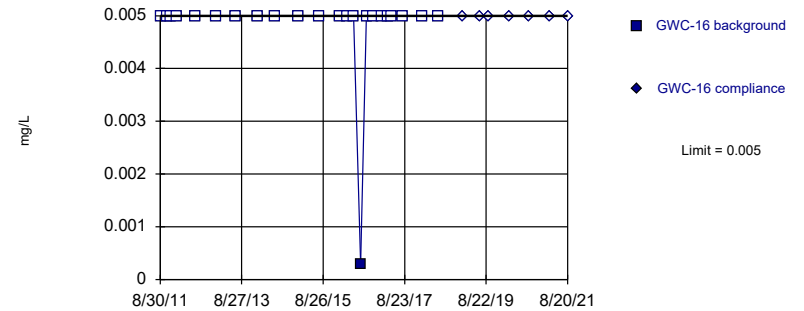


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

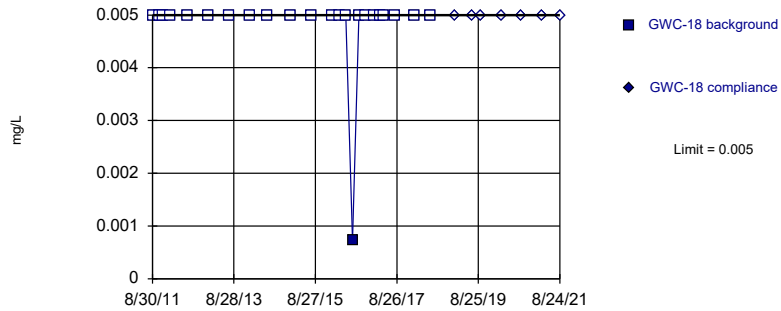


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

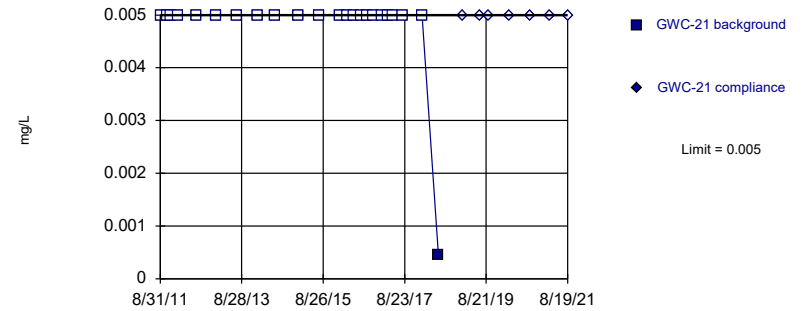


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

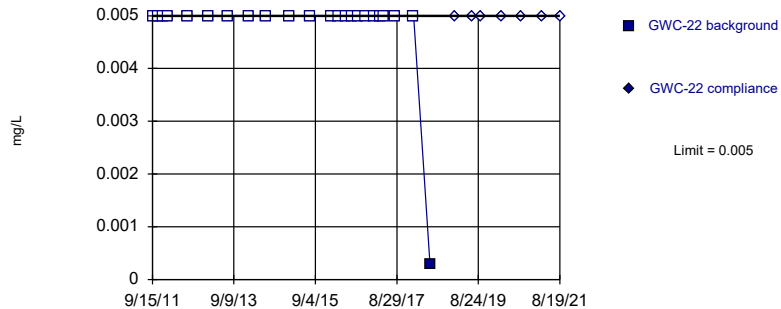


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

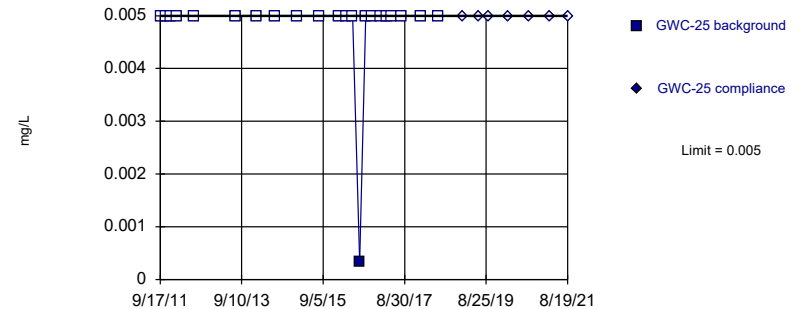


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

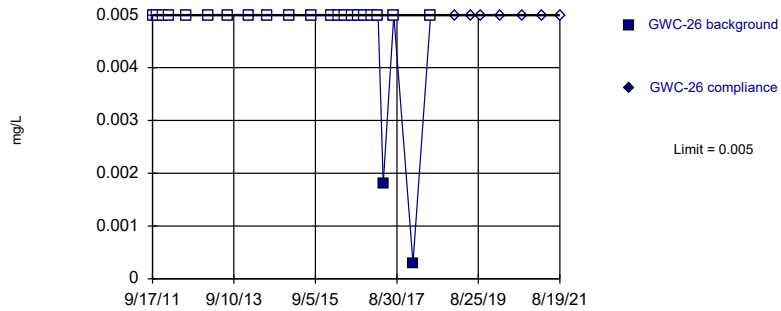


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

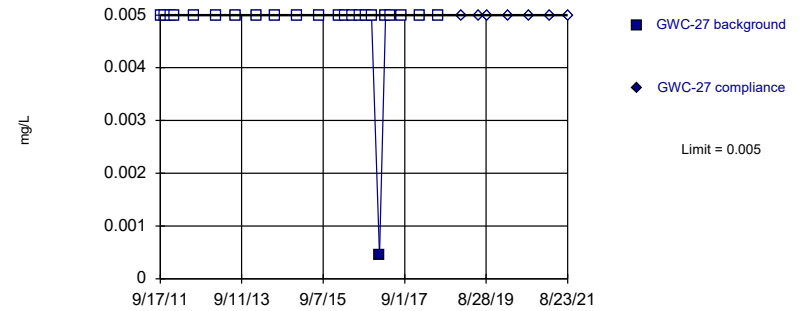


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

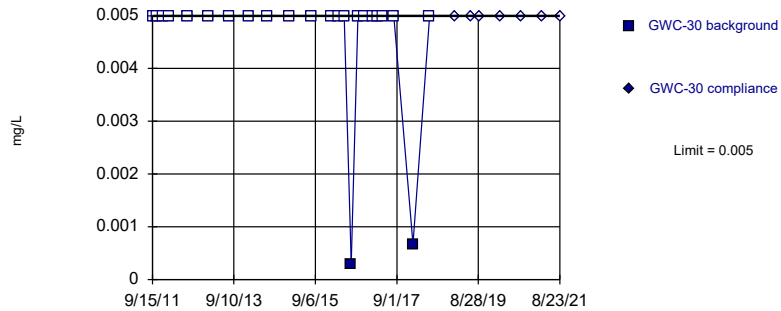


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

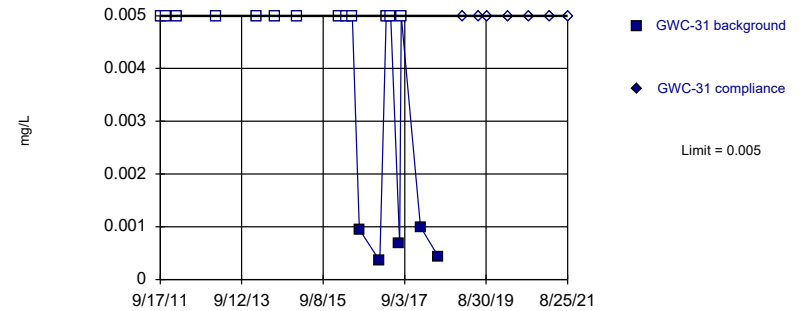


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
 Intrawell Non-parametric

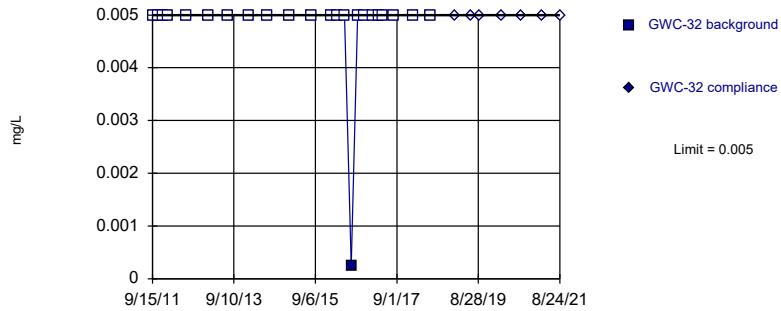


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

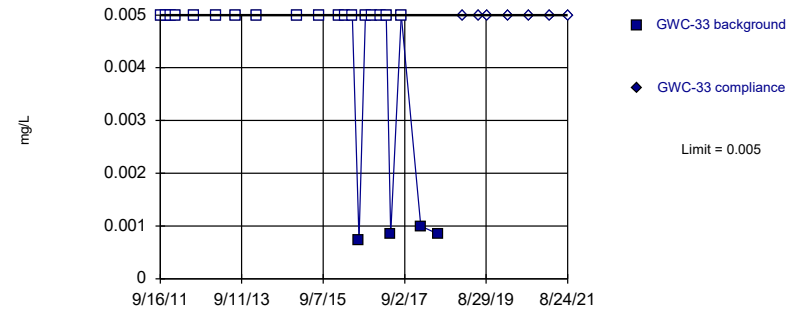


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

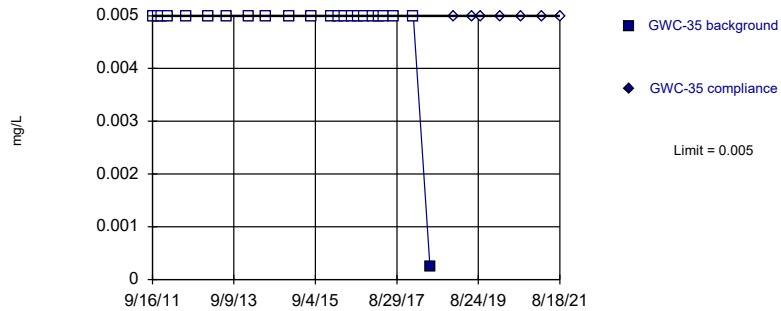


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

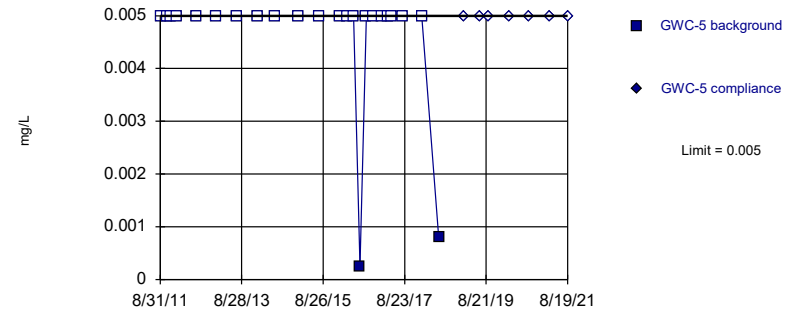


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

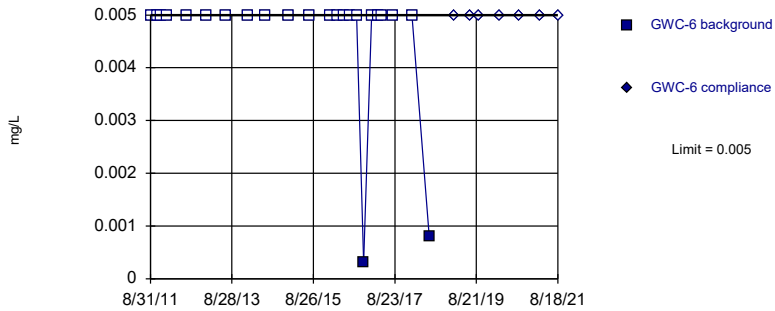


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

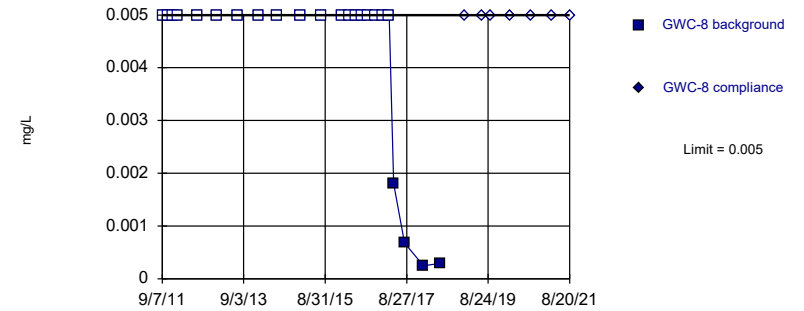


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

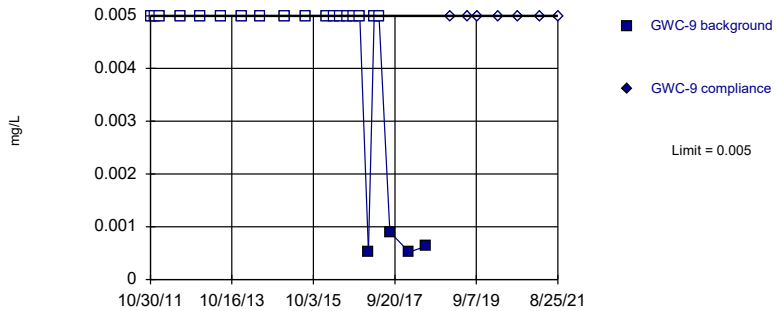


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

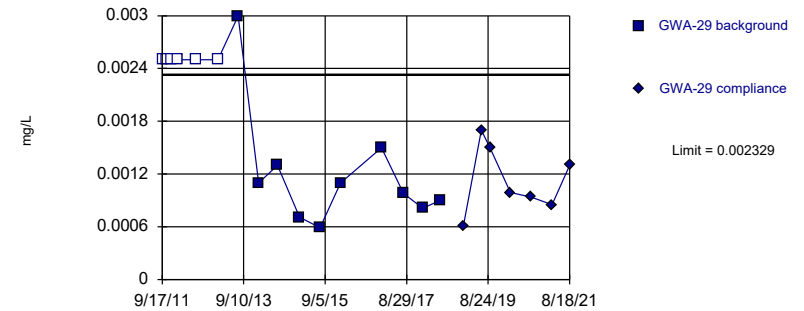


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Selenium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

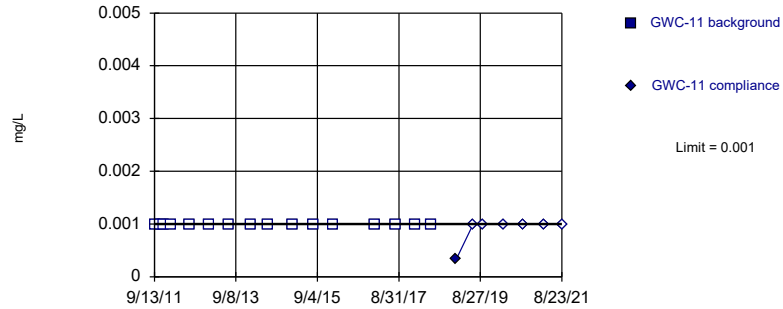


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03226, Std. Dev.=0.007215, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8621, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

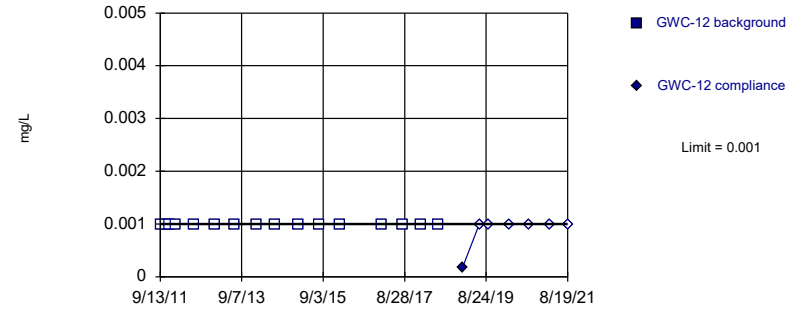


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

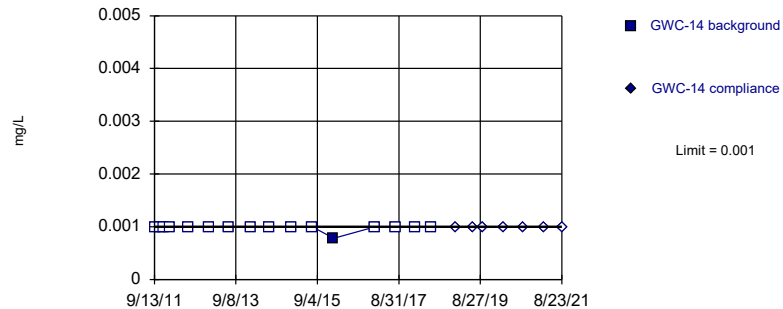


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

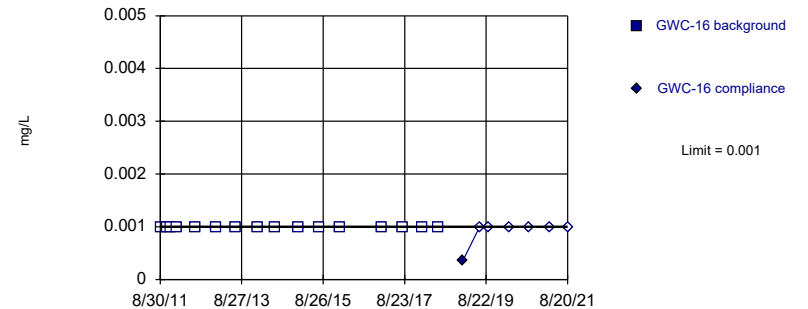


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

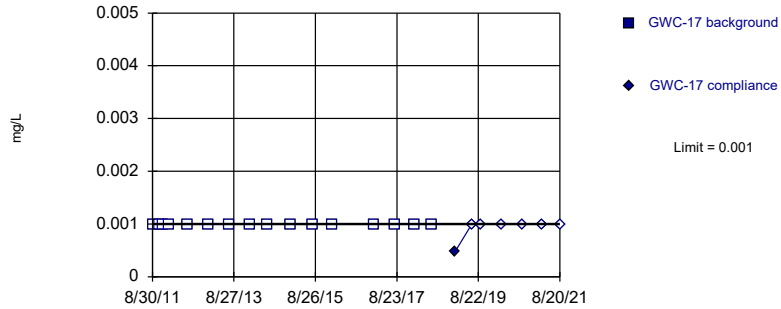


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

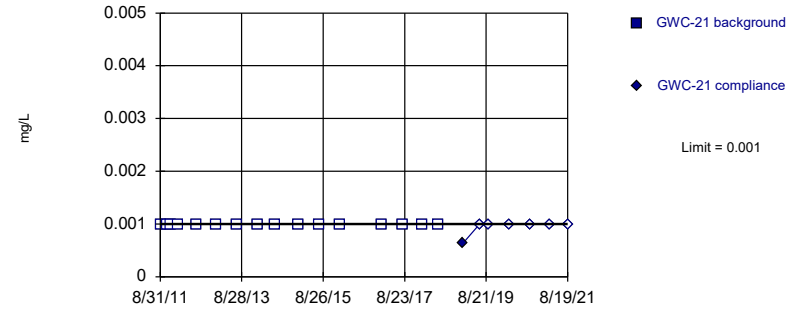


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

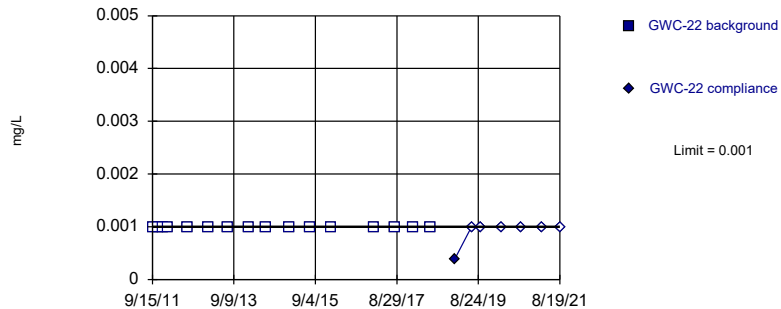


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

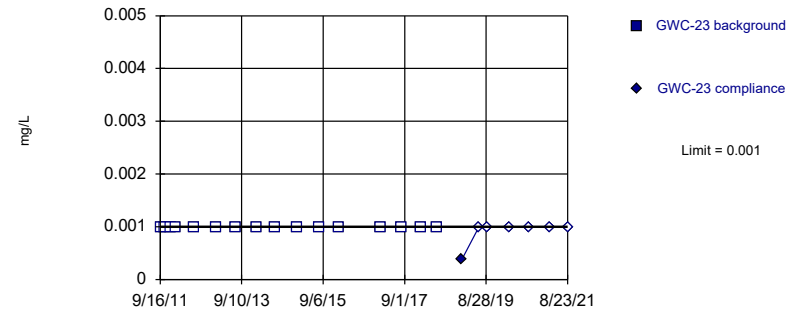


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

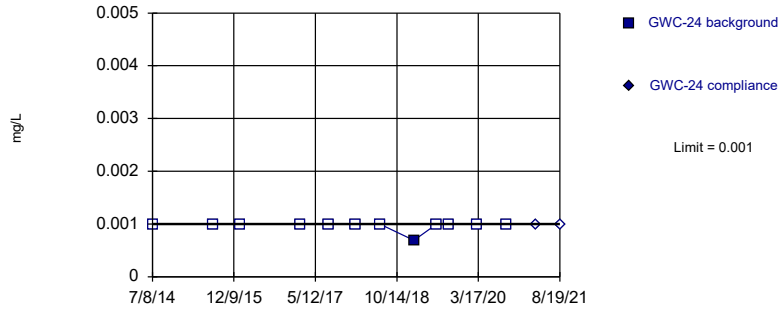


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

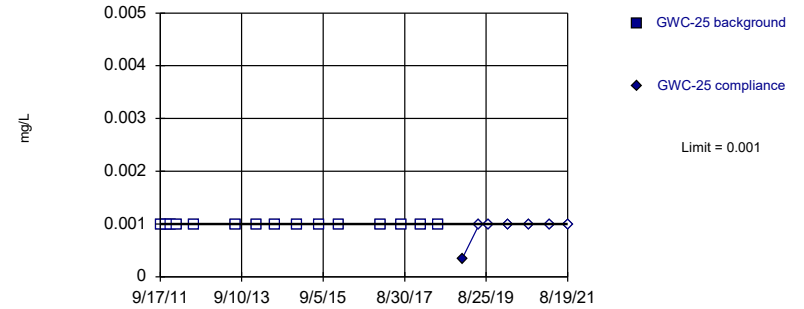


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

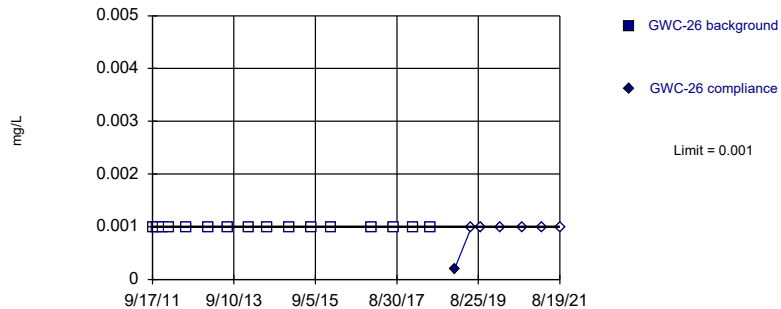


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

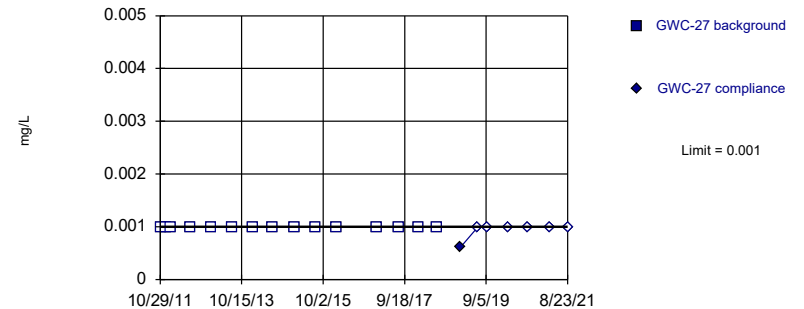


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

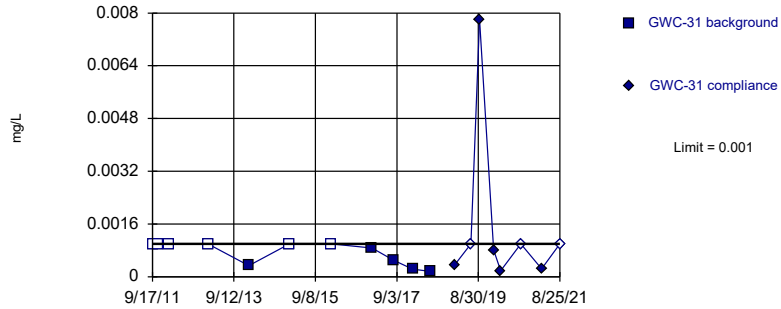


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

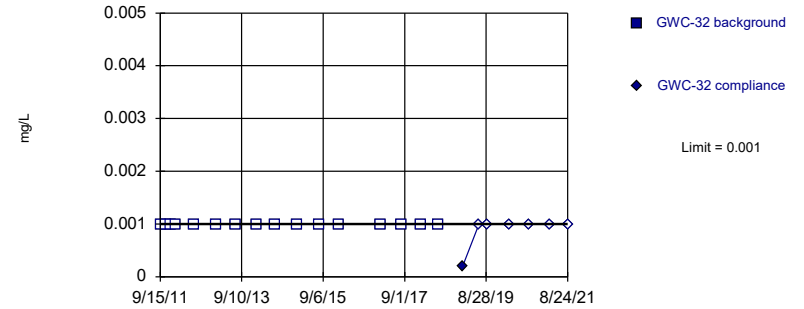


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

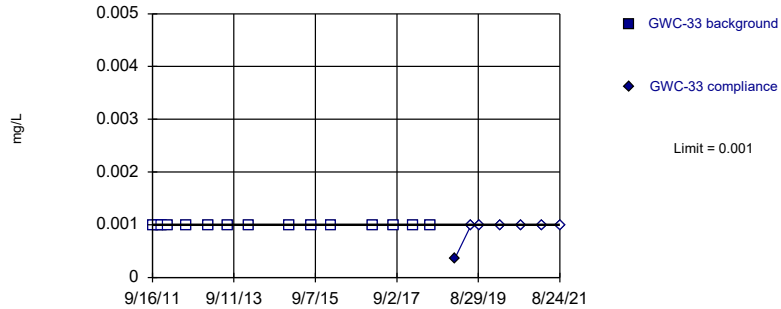


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

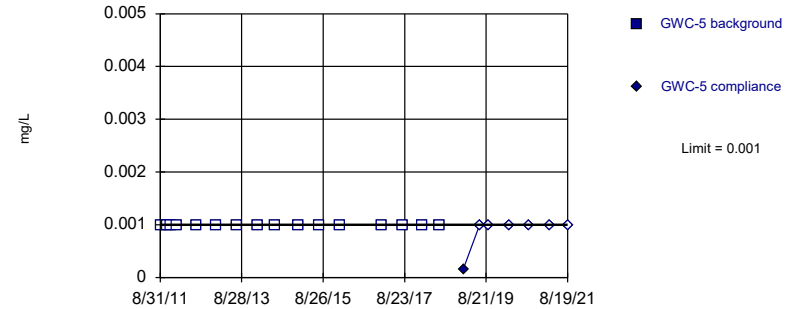


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

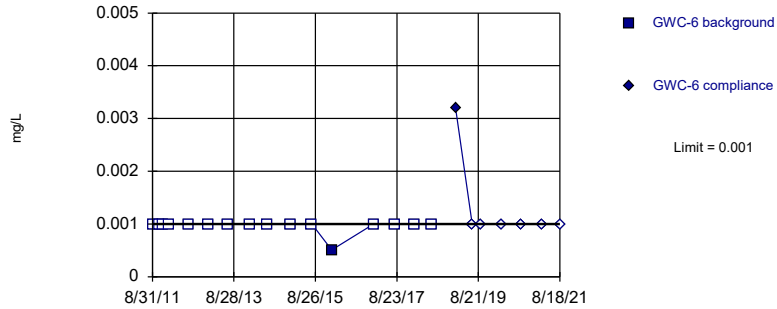


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

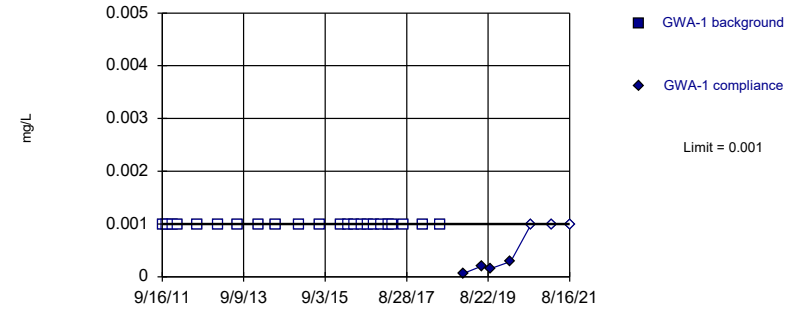


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Silver Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

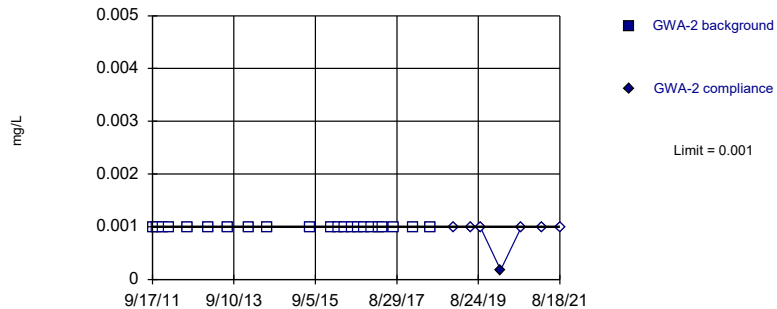


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

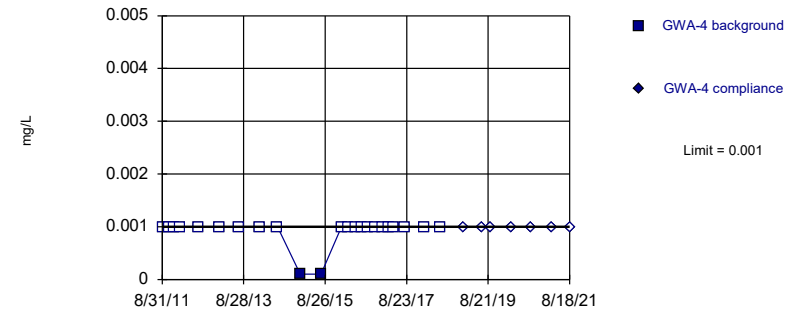


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

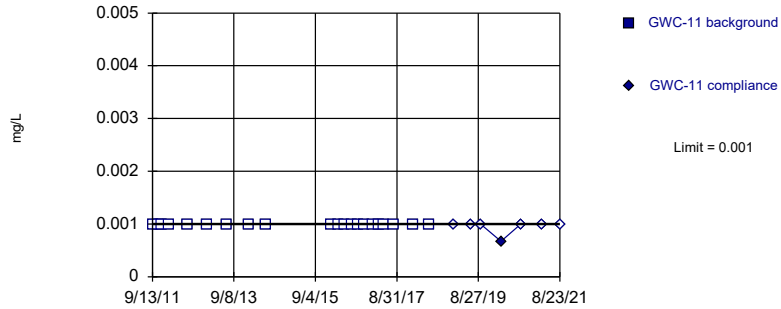


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

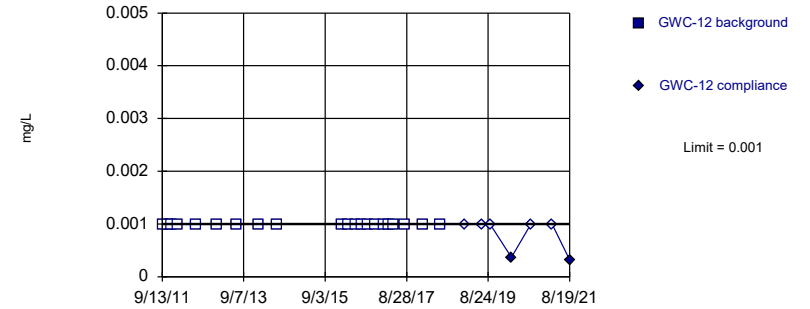


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

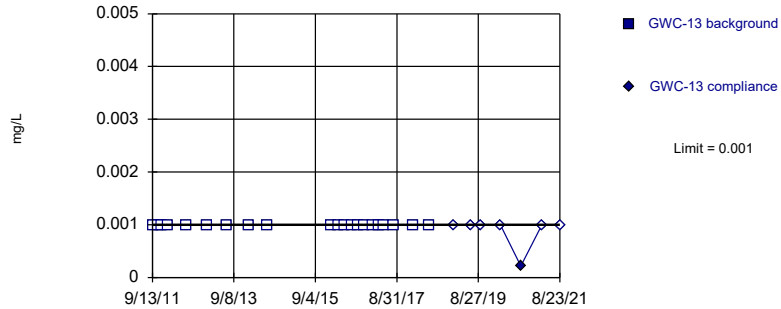


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

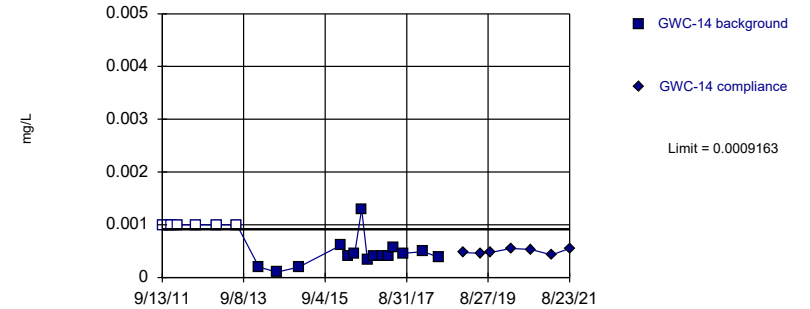


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

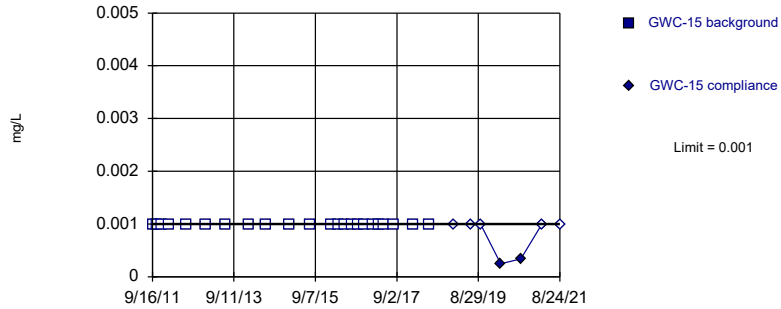


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0004118, Std. Dev.=0.0002469, n=22, 31.82% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8851, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Thallium Analysis Run 10/11/2021 1:36 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

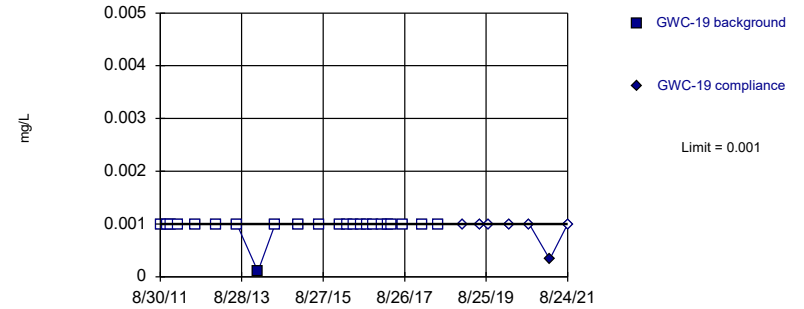


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

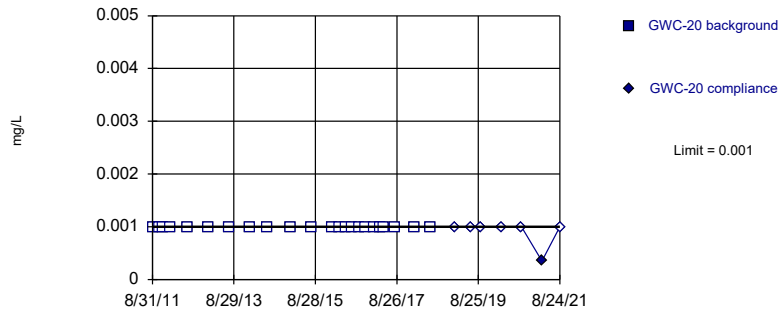


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

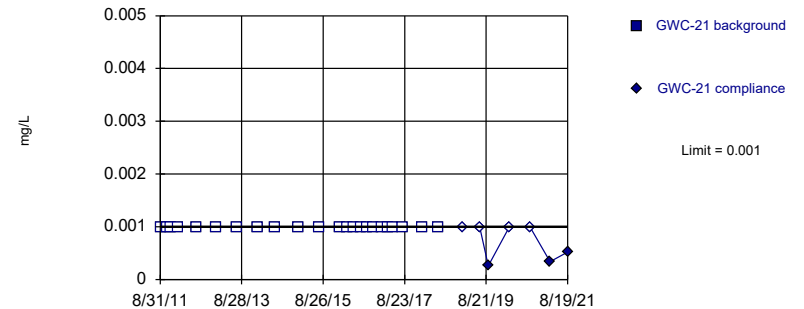


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

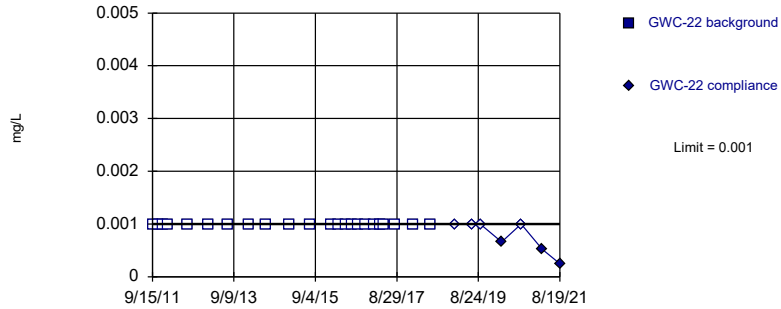


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

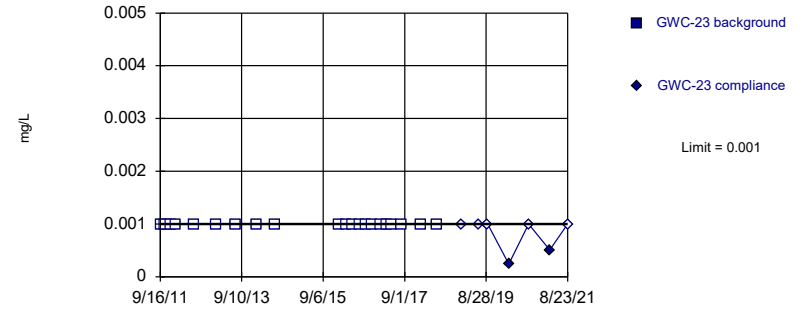


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

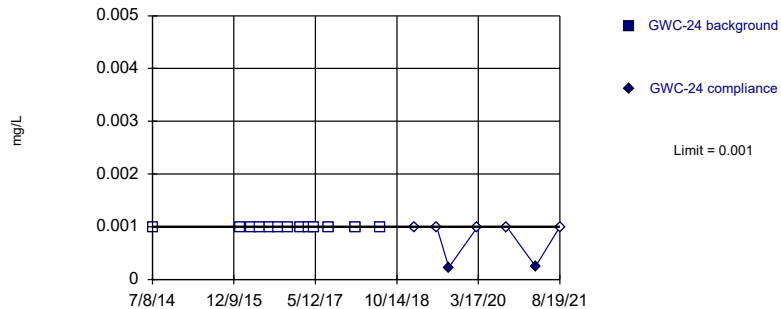


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

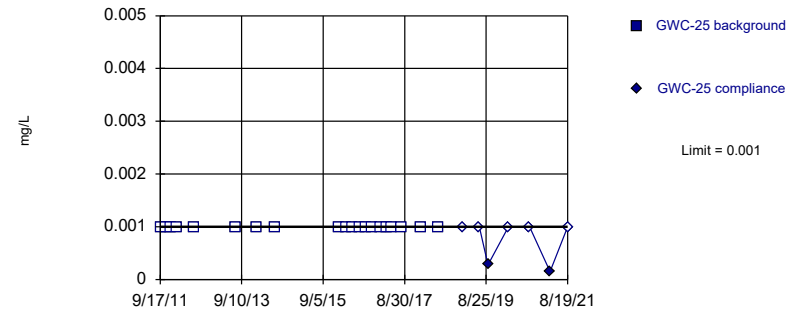


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 13) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003769. Individual comparison alpha = 0.001886 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

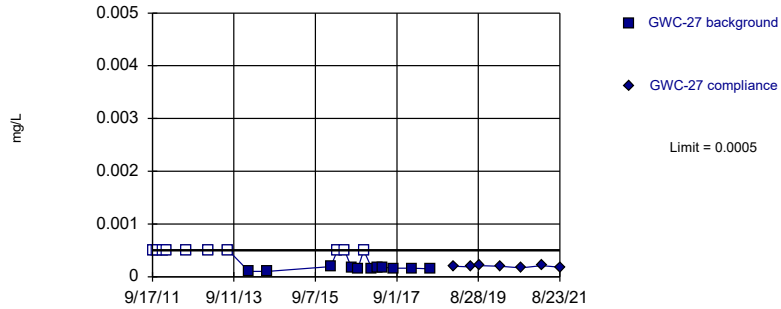


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

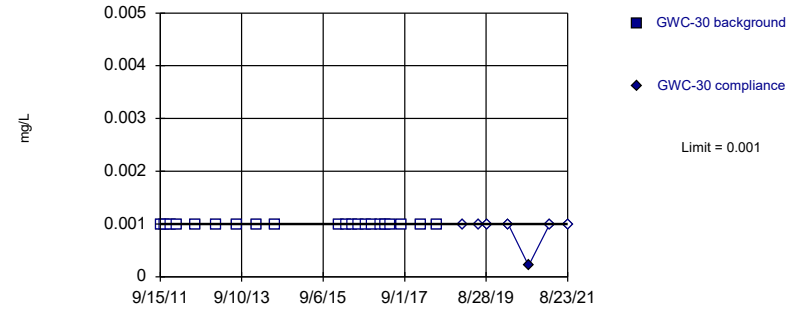


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

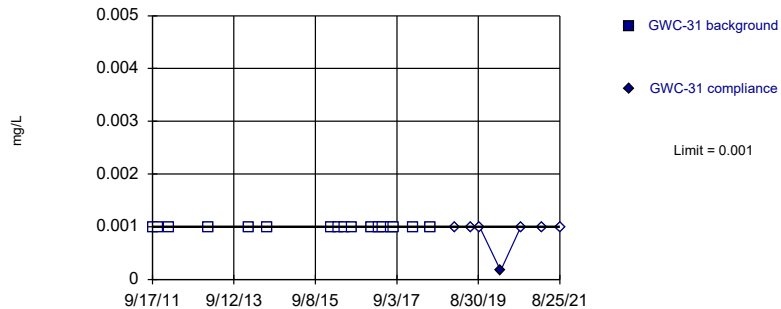


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

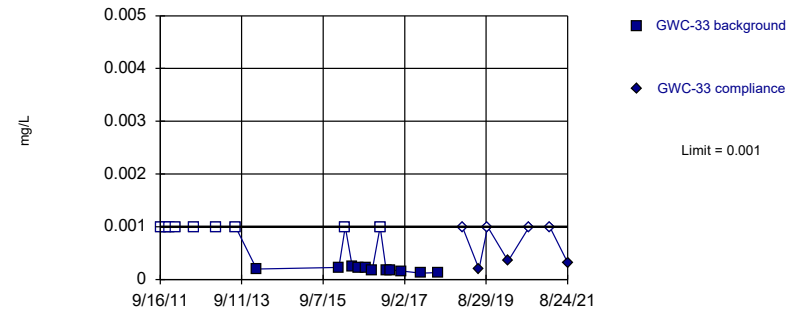


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00182. Individual comparison alpha = 0.0009102 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

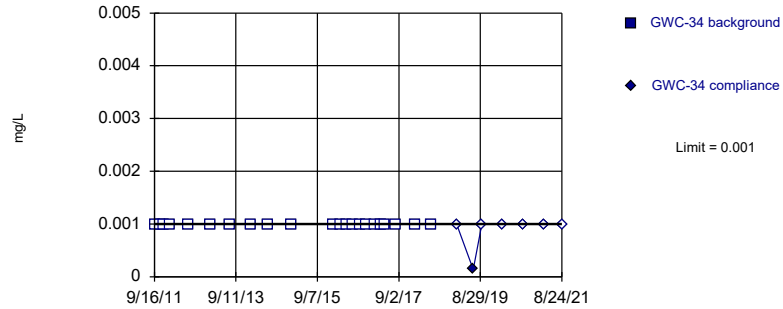


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

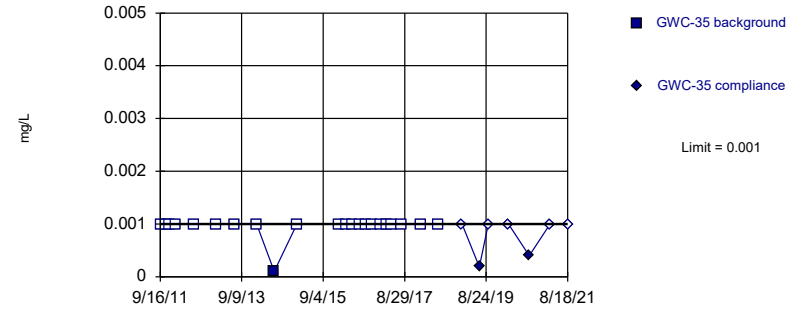


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

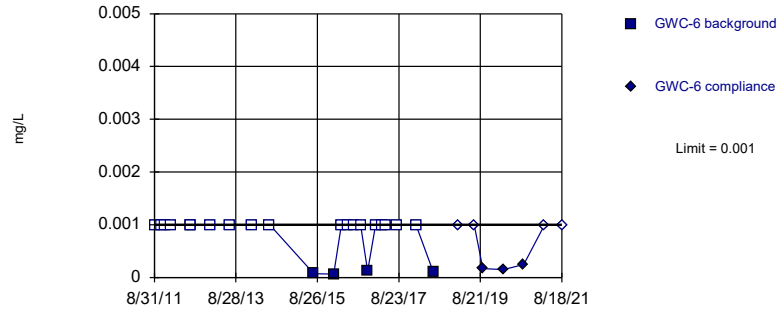


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

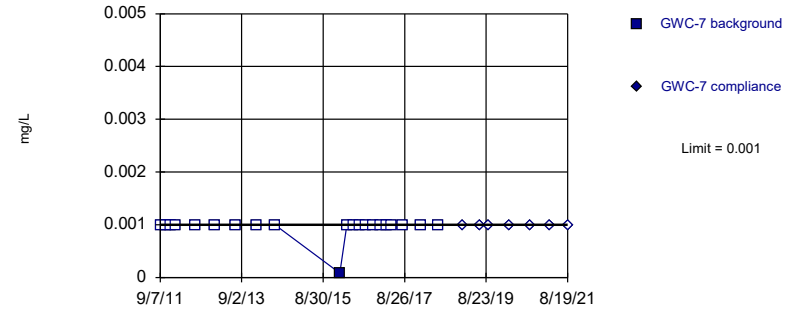


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

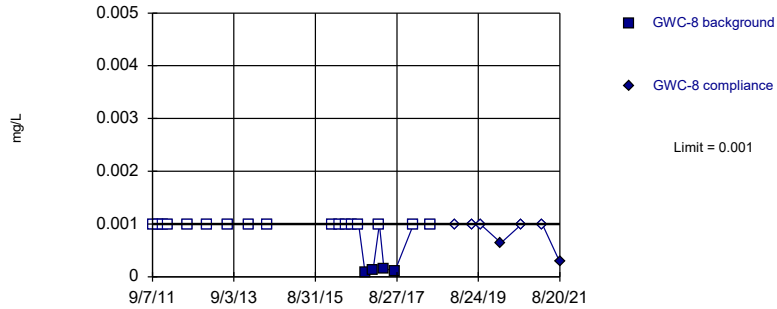


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

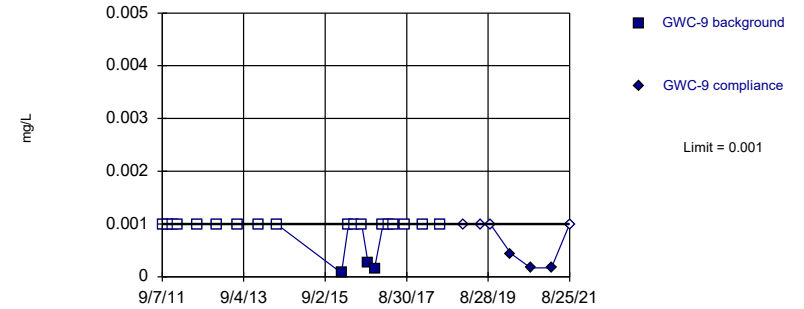


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

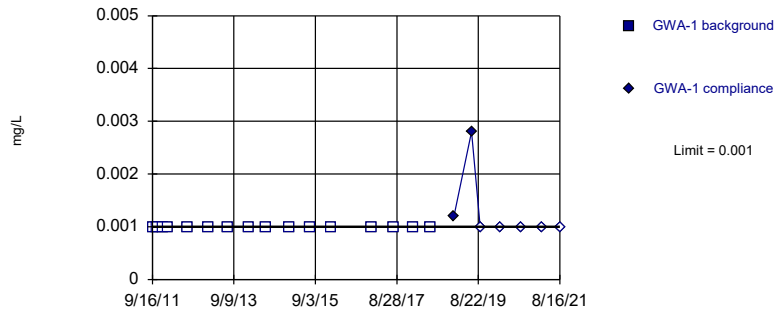


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Thallium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

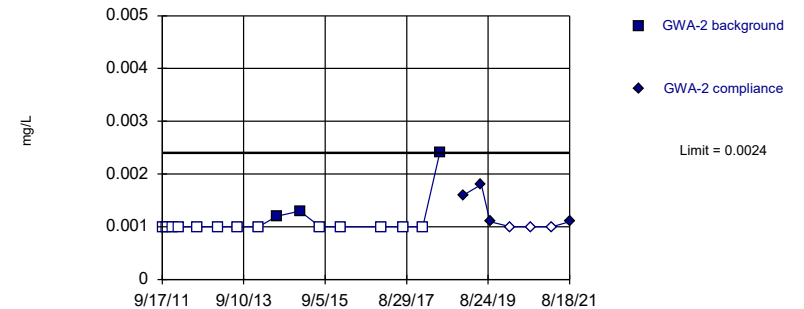


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

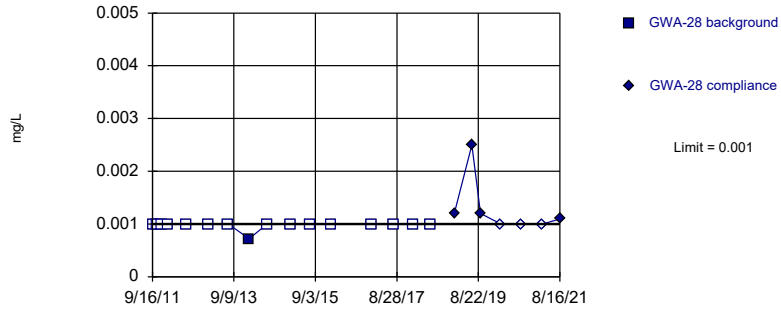


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

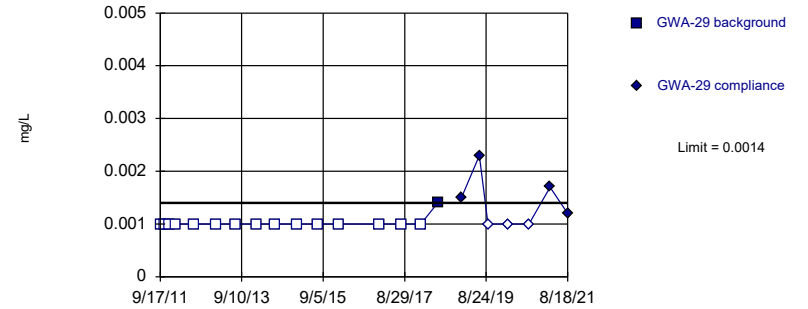


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

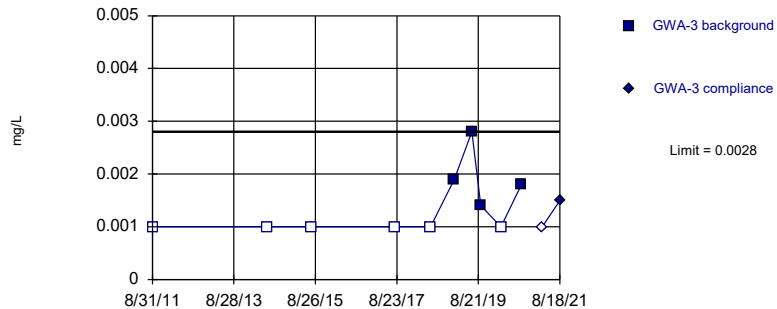


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

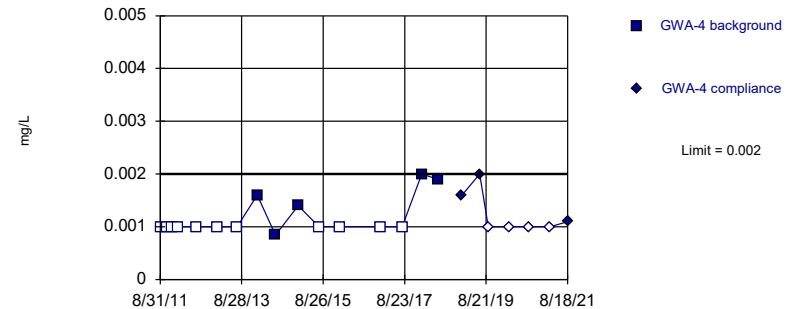


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 60% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

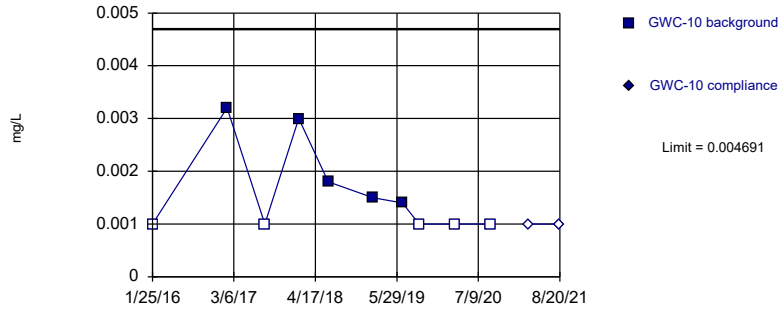


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

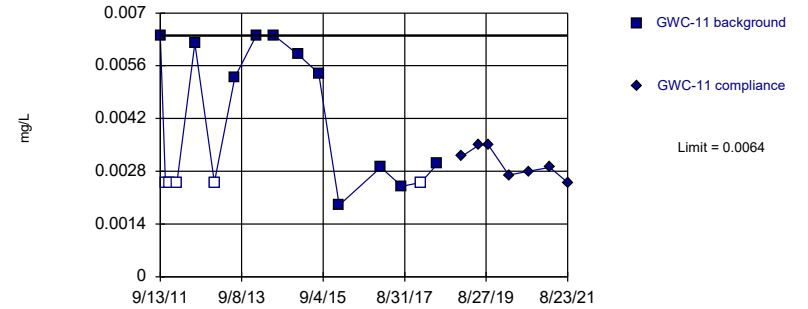


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.549, Std. Dev.=0.4351, n=10, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7836, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

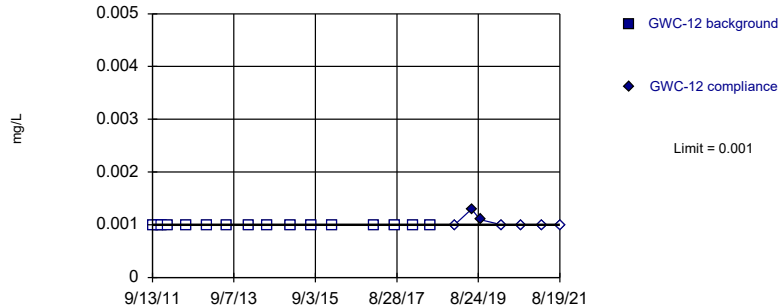


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 31.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

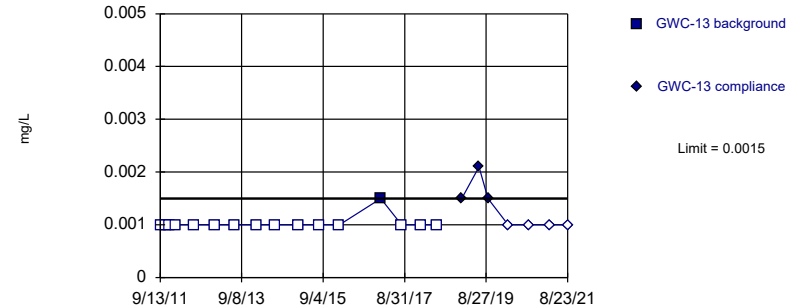


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

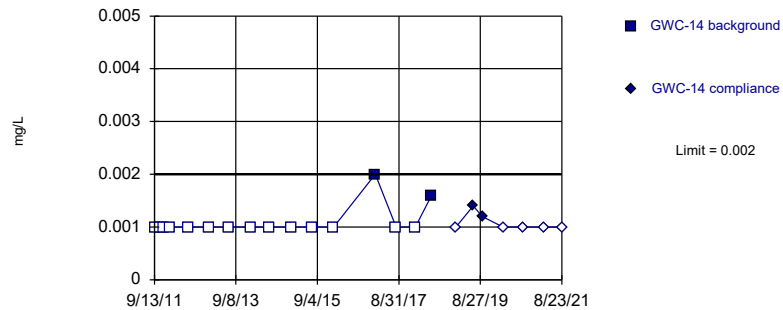


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

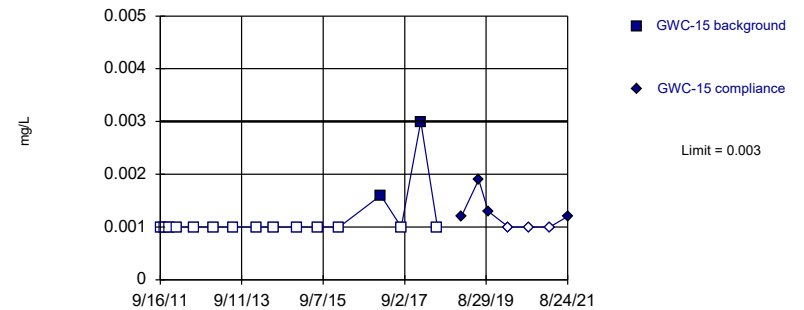


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

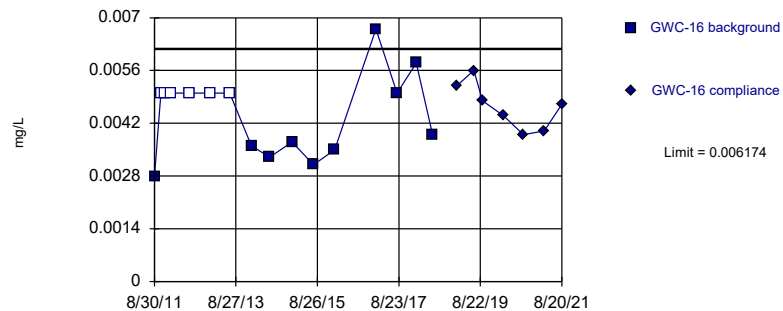


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

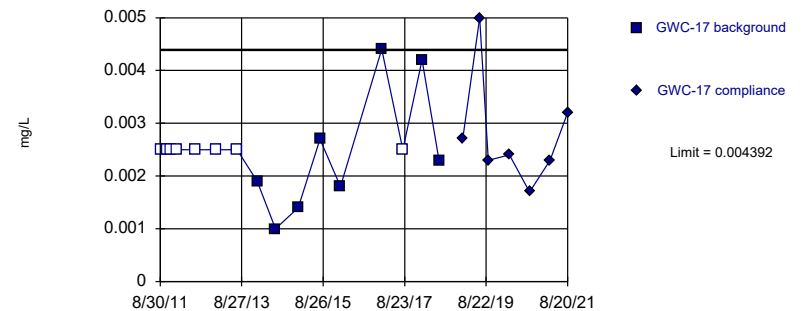


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003868, Std. Dev.=0.001039, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

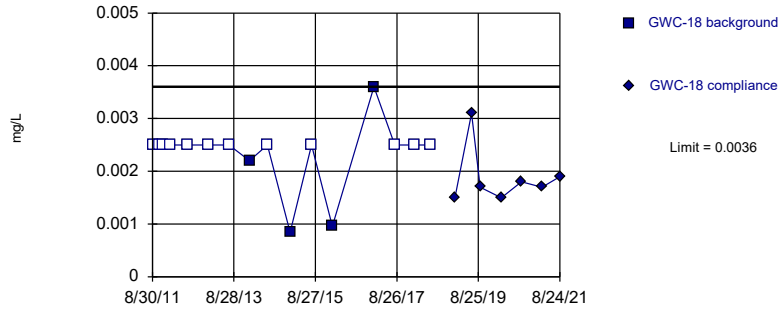


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.004443, Std. Dev.=0.009845, n=16, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8643, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

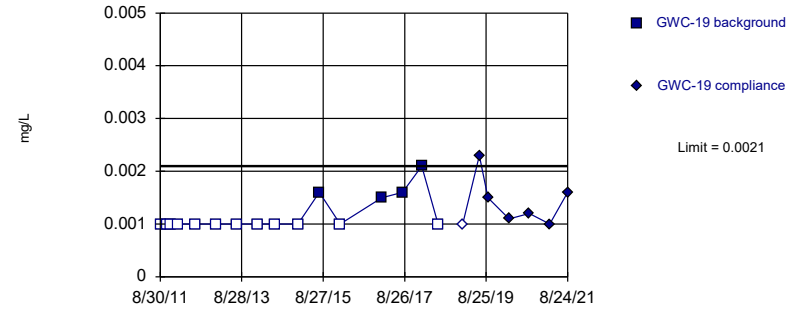


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

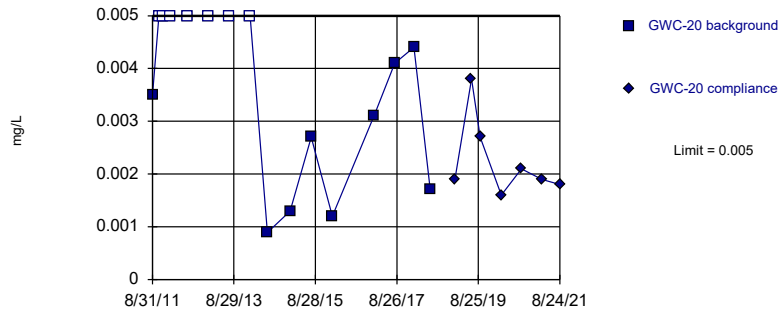


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

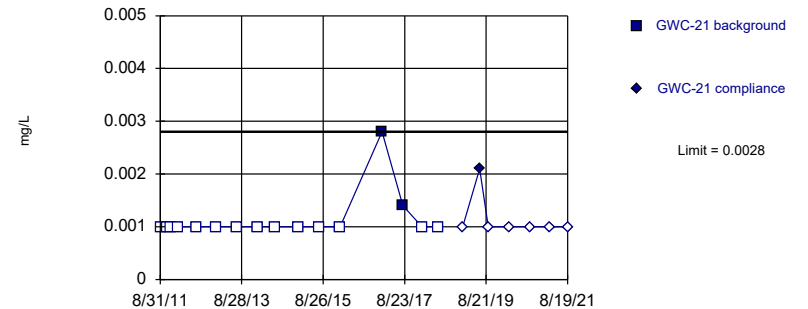


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

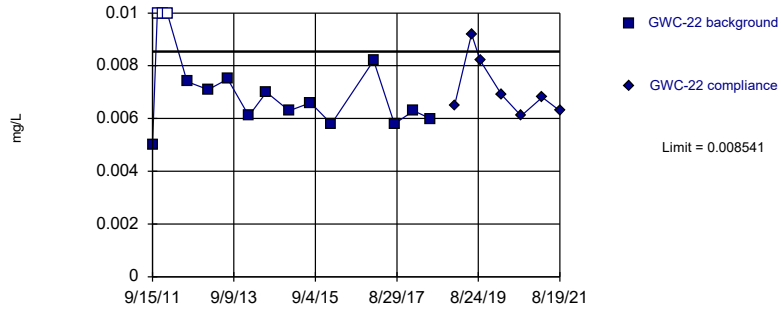


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

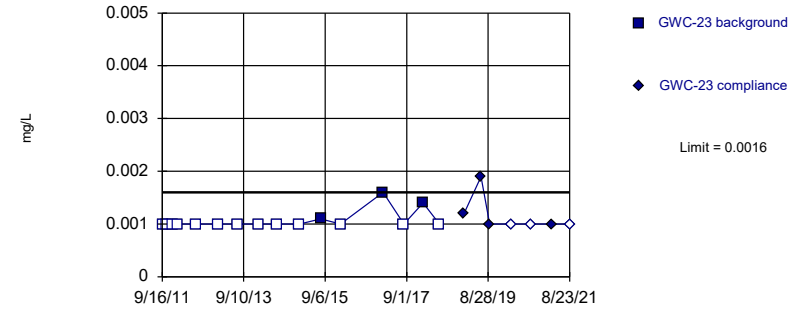


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.006429, Std. Dev.=0.0009517, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8721, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

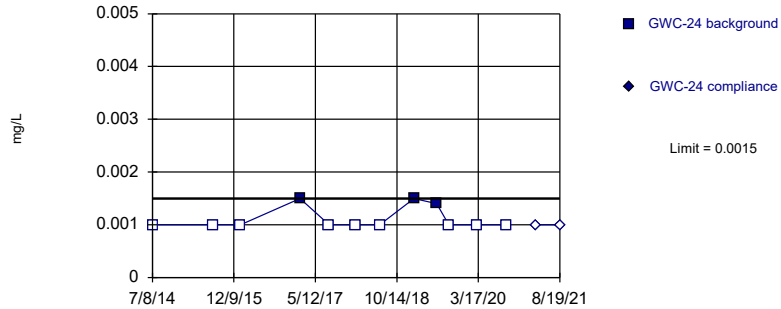


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

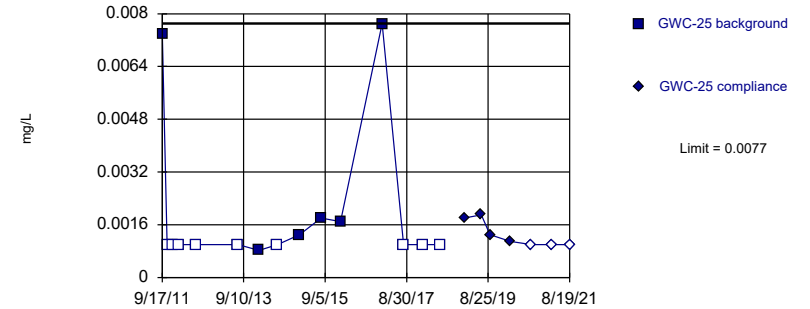


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

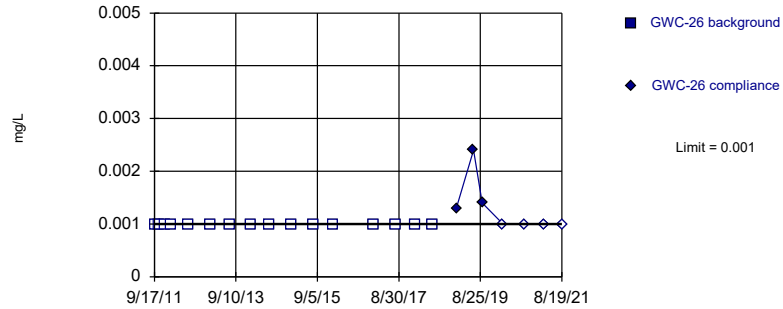


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

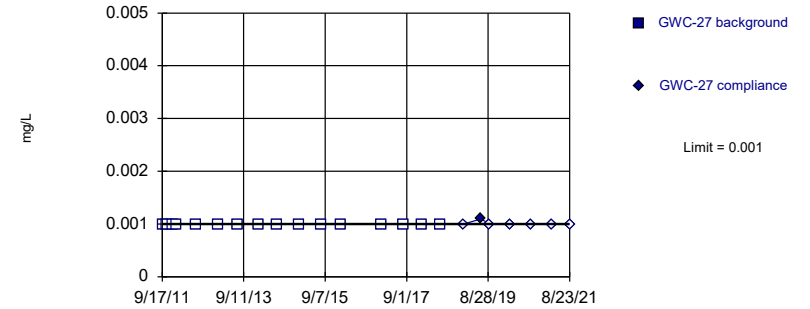


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

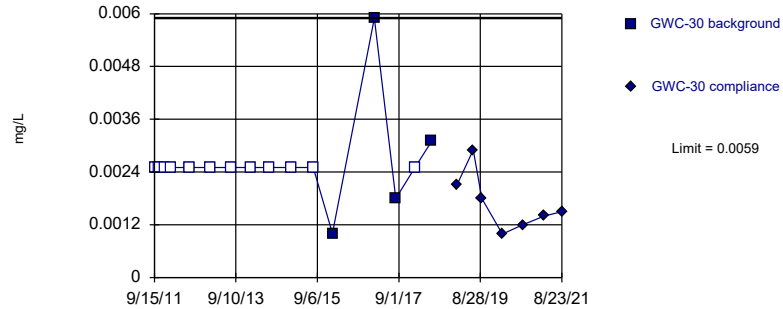


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

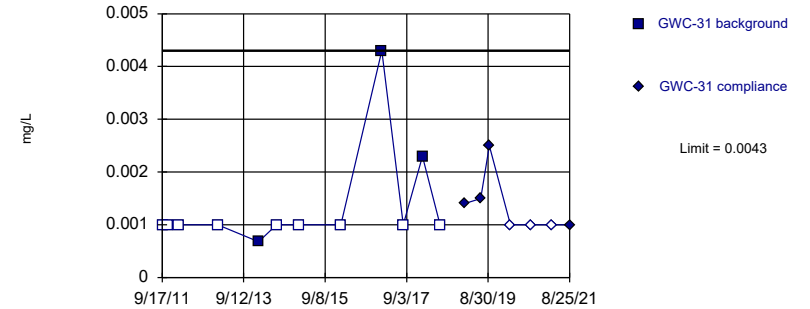


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

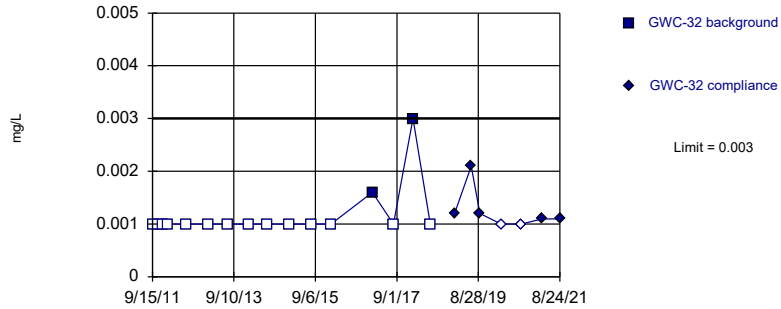


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

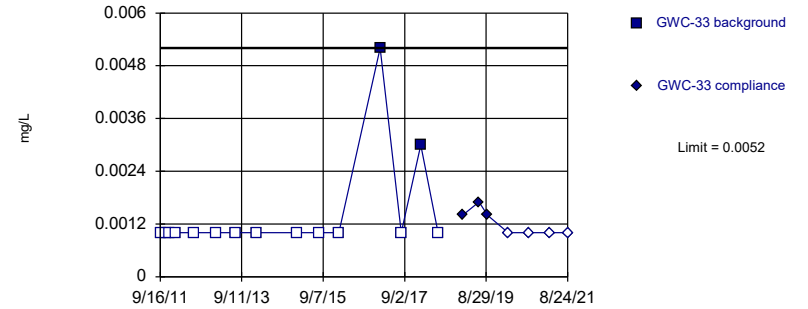


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

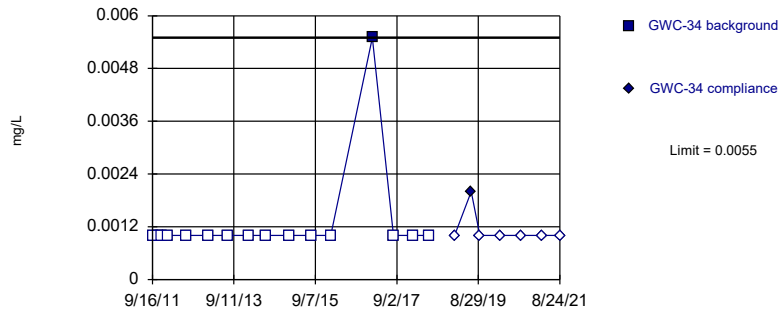


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

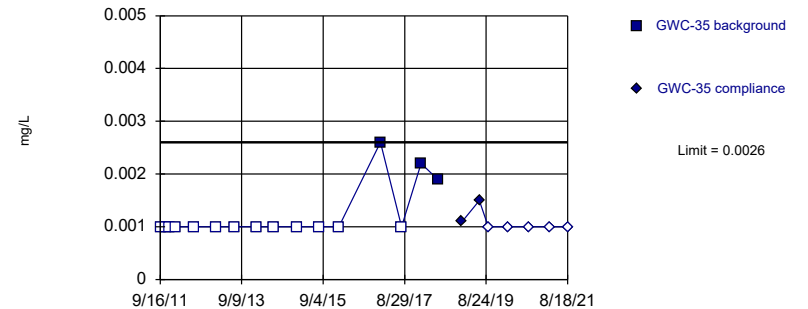


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

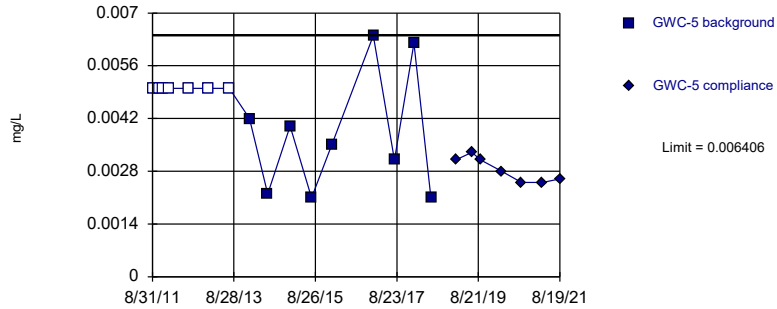


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

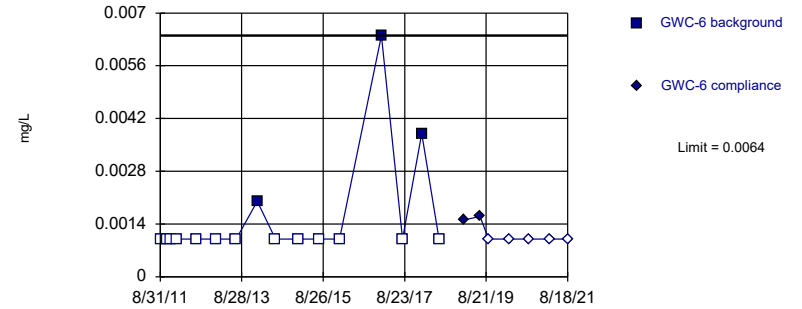


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003438, Std. Dev.=0.001338, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8883, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

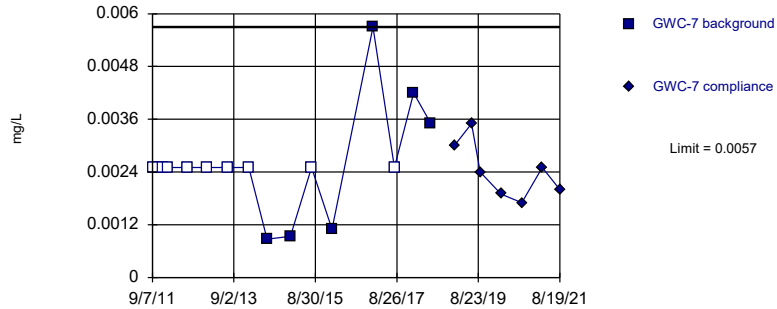


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

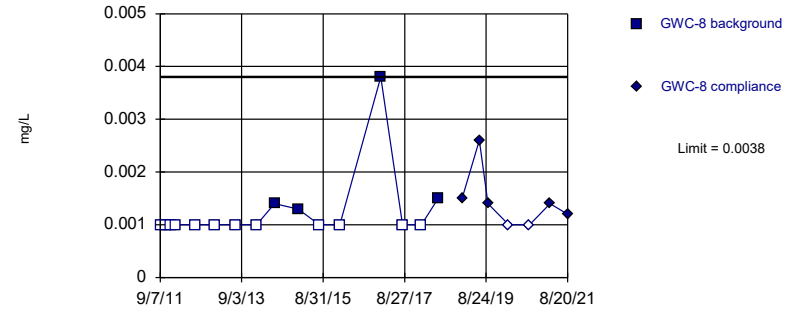


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

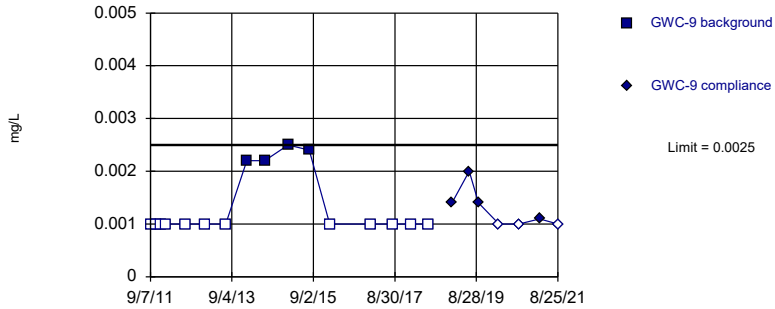


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

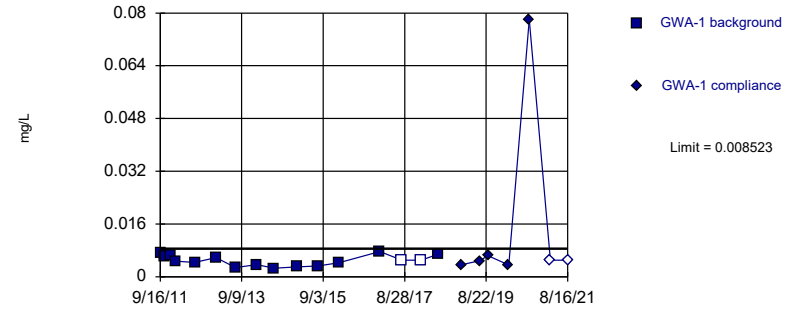


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Vanadium Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

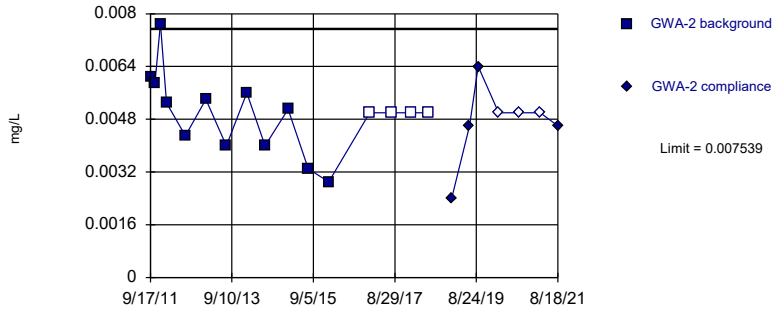


Background Data Summary: Mean=0.004931, Std. Dev.=0.001619, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

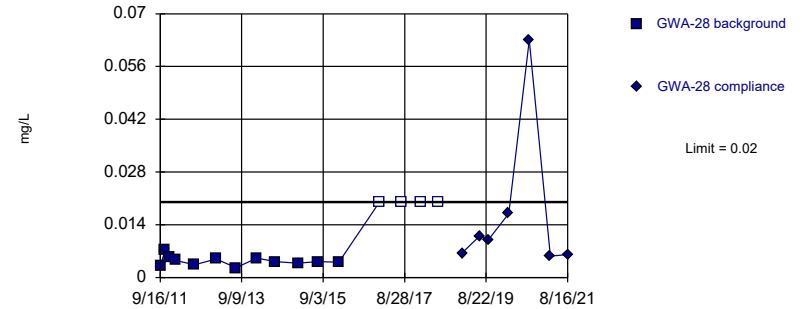


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004549, Std. Dev.=0.001348, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

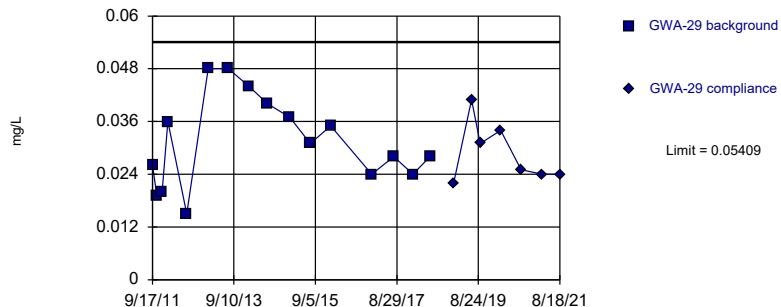


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric



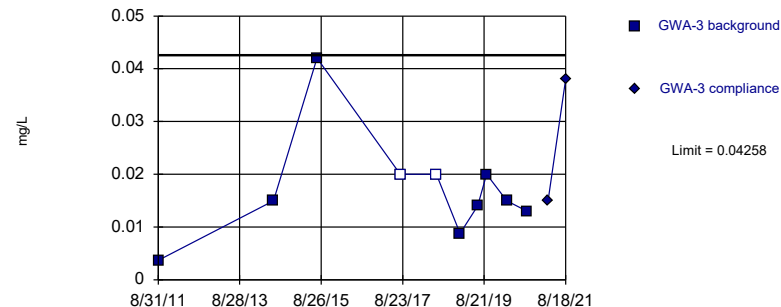
Background Data Summary: Mean=0.03144, Std. Dev.=0.01021, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9596, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



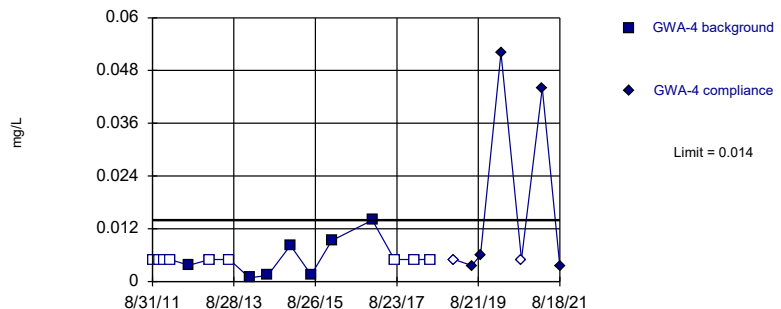
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.01478, Std. Dev.=0.01019, n=10, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8379, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



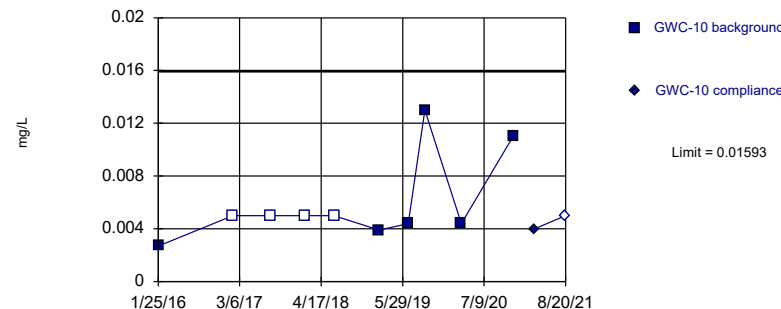
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

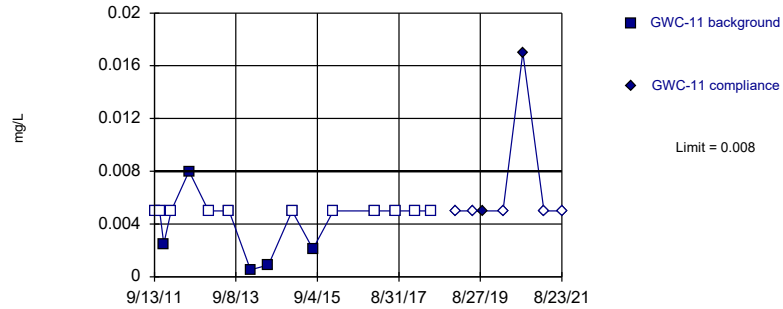


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06948, Std. Dev.=0.0208, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7833, critical = 0.781. Kappa = 2.727 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:37 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

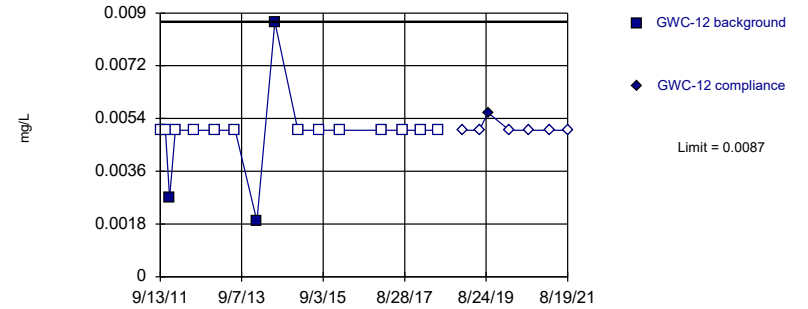


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

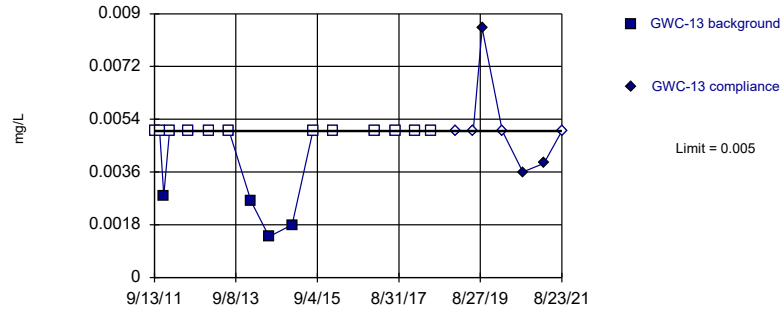


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

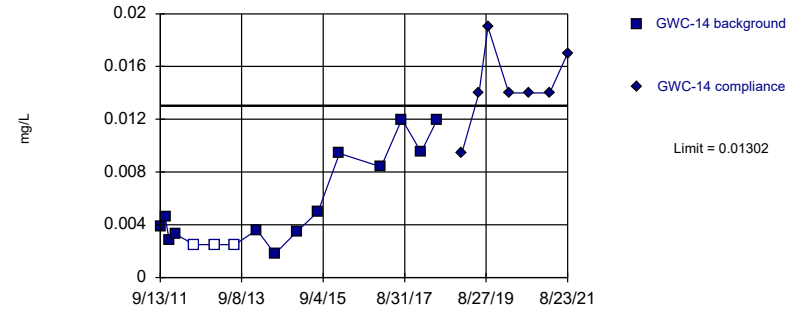


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

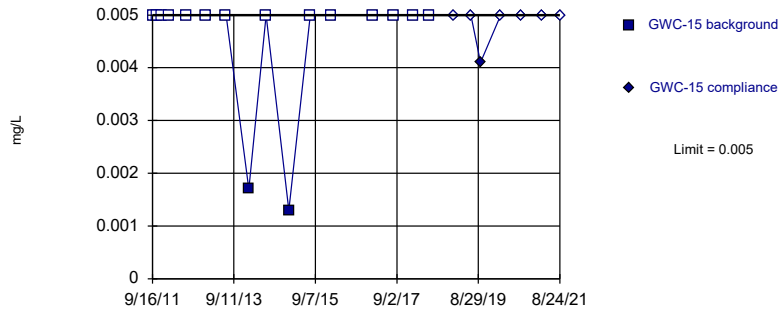


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.0662, Std. Dev.=0.02159, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8682, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

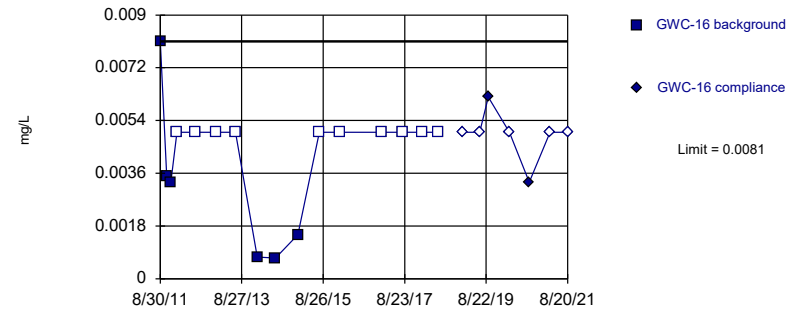


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

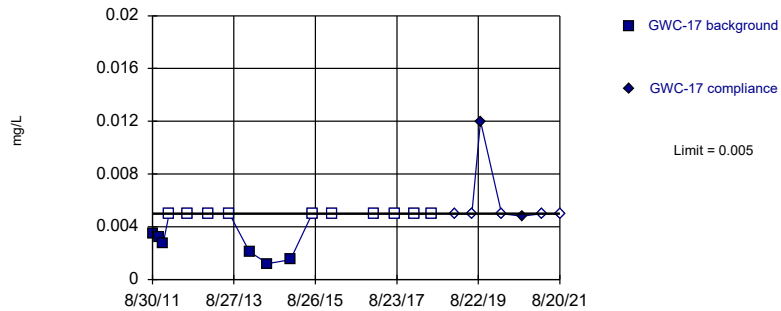


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

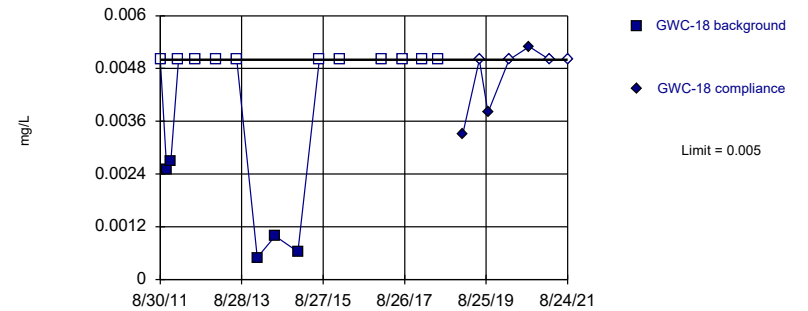


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

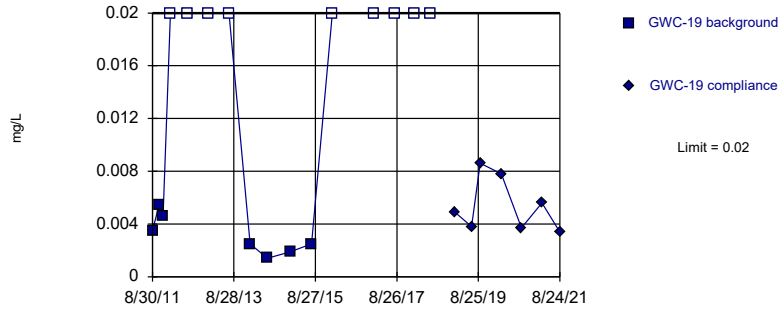


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

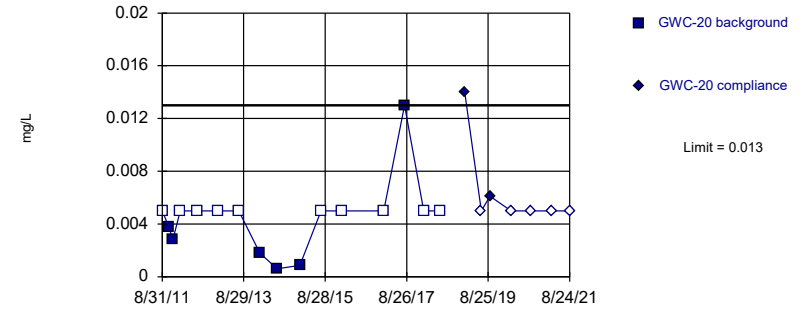


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

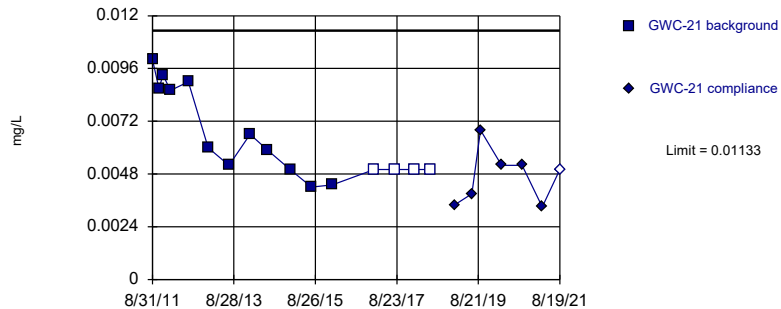


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

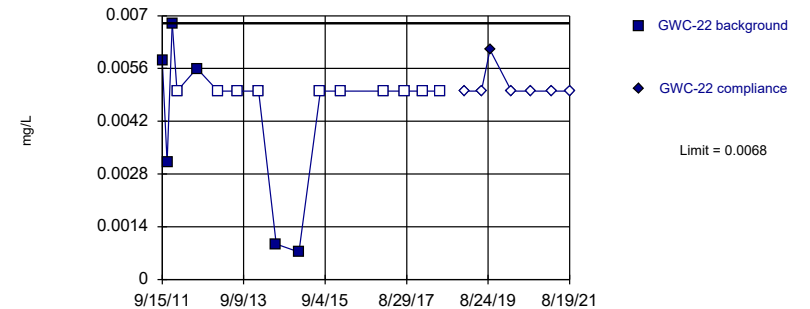


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07792, Std. Dev.=0.01286, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.857, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

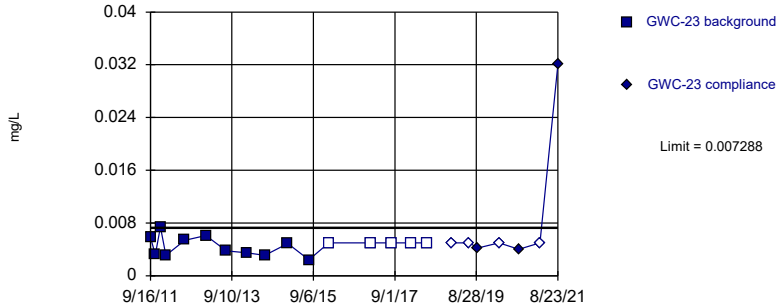


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit Intrawell Parametric

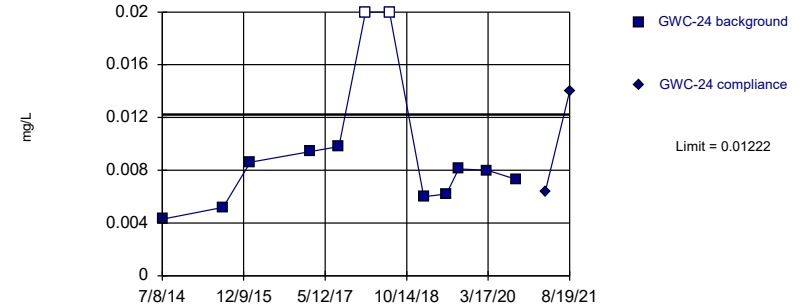


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00404, Std. Dev.=0.001464, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit Intrawell Parametric

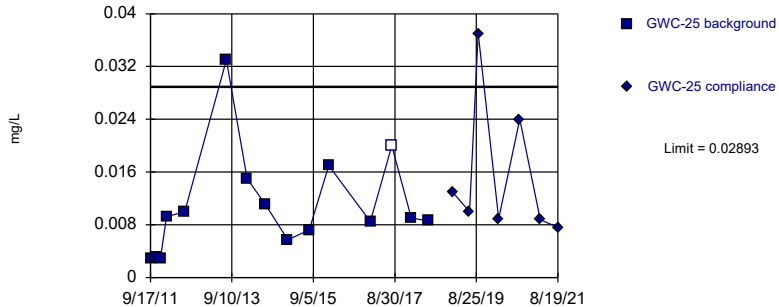


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.08475, Std. Dev.=0.0104, n=12, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8326, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Parametric

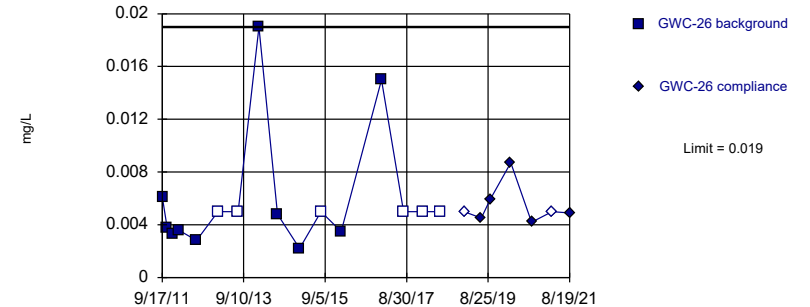


Background Data Summary: Mean=0.01086, Std. Dev.=0.007912, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

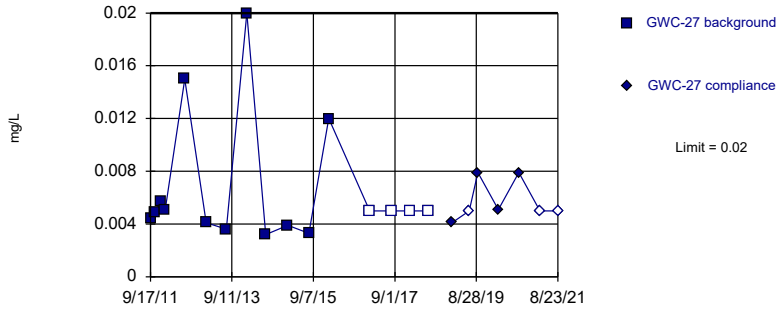


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

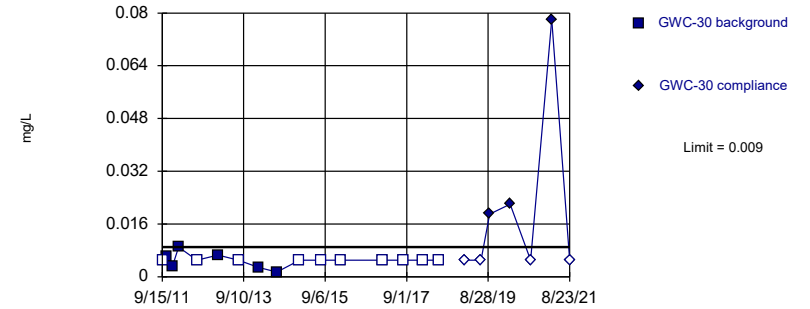


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

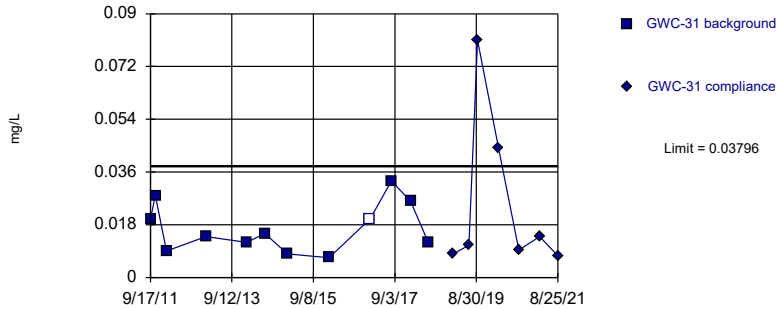


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

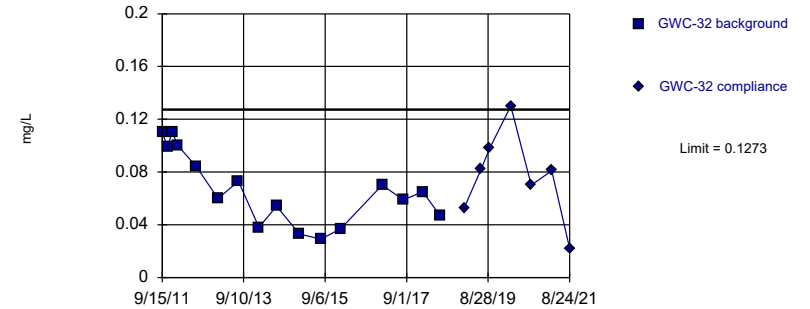


Background Data Summary: Mean=0.01699, Std. Dev.=0.008457, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

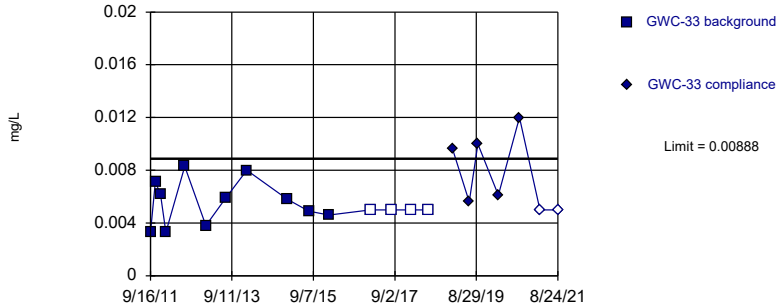


Background Data Summary: Mean=0.06675, Std. Dev.=0.02729, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

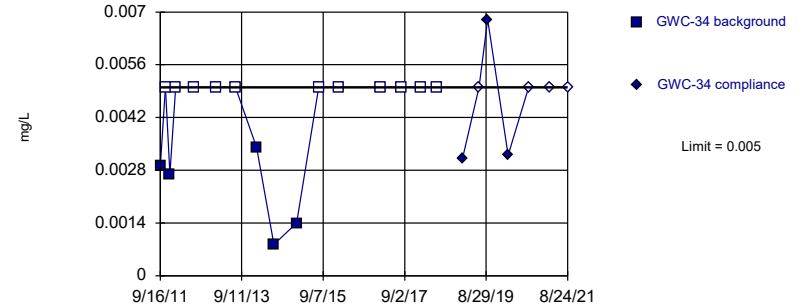


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005141, Std. Dev.=0.001637, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

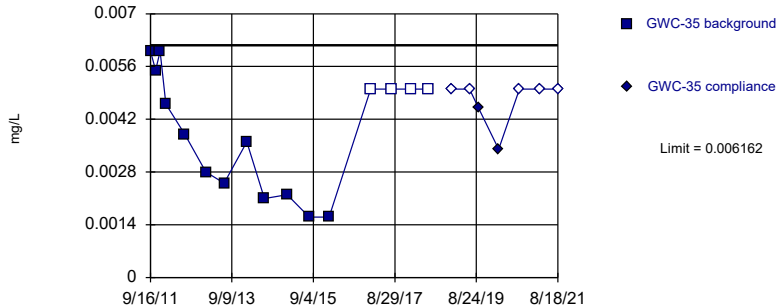


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

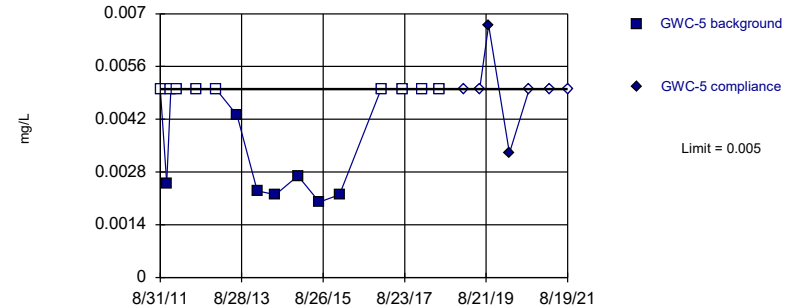


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003142, Std. Dev.=0.001361, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9024, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

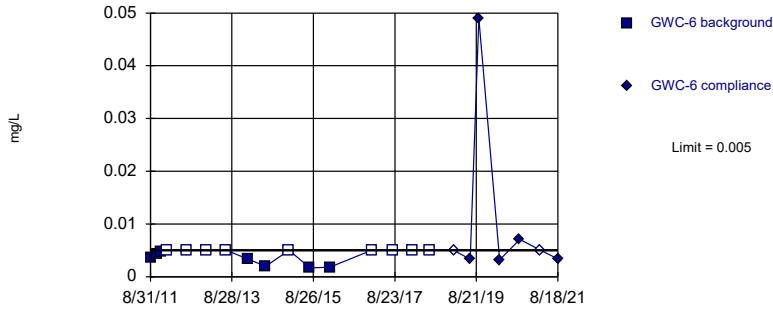


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

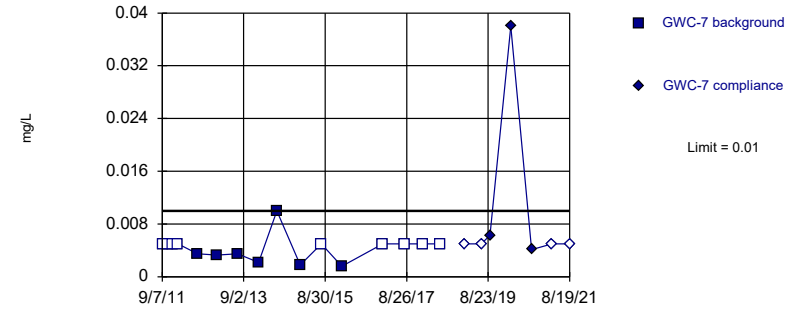


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

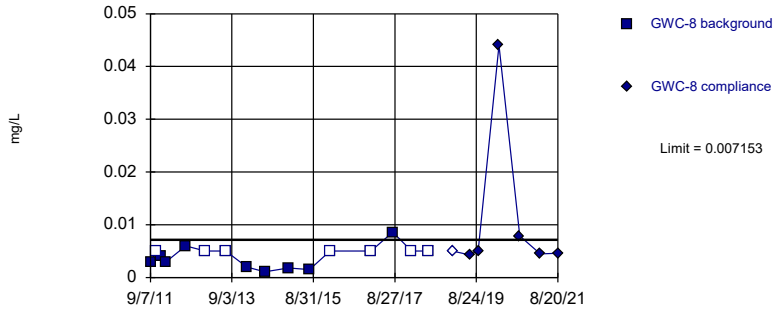


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

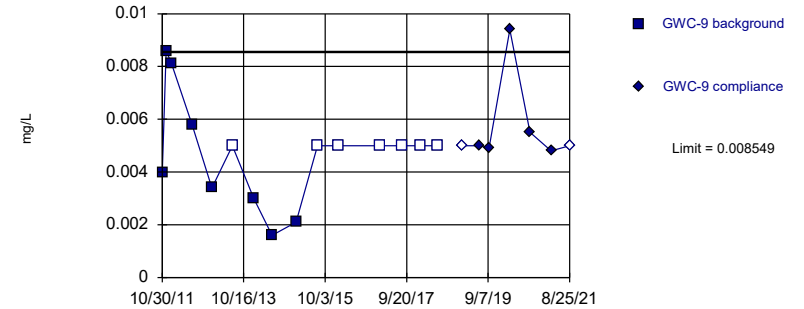


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002775, Std. Dev.=0.001974, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003756, Std. Dev.=0.002099, n=15, 46.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 10/11/2021 1:38 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002 (D)	
3/22/2016	0.00113 (J)	
5/19/2016	0.00103 (J)	
7/21/2016	0.0013 (J)	
1/17/2017	<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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	<0.002	
7/21/2015	<0.002	
3/31/2016	0.000602 (J)	
5/25/2016	0.000642 (J)	
7/27/2016	<0.002	
8/1/2017	<0.002	
10/3/2017	<0.002	
6/20/2018	<0.002	
1/18/2019		<0.002
6/25/2019		<0.002
9/11/2019		<0.002
3/10/2020		<0.002
9/9/2020		<0.002
3/15/2021		<0.002
8/18/2021		<0.002

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
3/31/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
8/1/2017	<0.001	
10/3/2017	<0.001	
6/20/2018	0.001 (J)	
1/18/2019		<0.001
6/25/2019		<0.001
9/11/2019		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001
8/18/2021		<0.001

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.00165 (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	
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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	0.0015	
7/22/2015	0.0014	
1/19/2016	0.00092 (JD)	
3/22/2016	<0.01	
5/19/2016	0.00265 (J)	
7/21/2016	0.0038	
1/17/2017	0.0011 (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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.1	
6/25/2014	0.048	
7/21/2015	0.036	
3/31/2016	0.027	
5/25/2016	0.027	
7/27/2016	0.029	
8/1/2017	0.03	
10/3/2017	0.038	
6/20/2018	0.029	
1/18/2019		0.033
6/25/2019		0.082
9/11/2019		0.094
3/10/2020		0.079
9/9/2020		0.088
3/15/2021		0.1
8/18/2021		0.092

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	<0.0013	
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 (O)	
11/17/2016	0.27 (O)	
2/1/2017	0.088	
3/23/2017	0.11	
5/3/2017	0.1	
8/7/2017	0.23 (O)	
1/25/2018	0.1	
6/20/2018	0.25 (O)	
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	<0.0013	
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	<0.01 (*)	
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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	0.0026	
7/22/2015	0.0024	
1/19/2016	0.0024 (D)	
3/22/2016	0.00194 (J)	
5/19/2016	0.00188 (J)	
7/21/2016	0.0021 (J)	
1/17/2017	0.0024 (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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	<0.0025	
7/21/2015	<0.0025	
3/31/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		<0.0025
6/25/2019		<0.0025
9/11/2019		0.0003 (J)
3/10/2020		<0.0025
9/9/2020		<0.0025
3/15/2021		<0.0025
8/18/2021		<0.0025

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	<0.0025	
7/22/2015	<0.0025	
1/19/2016	<0.0025 (D)	
3/22/2016	<0.0025	
5/19/2016	0.000111 (J)	
7/21/2016	<0.0025	
1/17/2017	<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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	<0.0025	
7/21/2015	0.00042 (J)	
3/31/2016	0.000546 (J)	
5/25/2016	0.000137 (J)	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		<0.0025
6/25/2019		0.00014 (J)
9/11/2019		<0.0025
3/10/2020		<0.0025
9/9/2020		<0.0025
3/15/2021		<0.0025
8/18/2021		<0.0025

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	<0.002	
7/22/2015	<0.002	
1/19/2016	<0.002 (D)	
3/22/2016	<0.002	
5/19/2016	0.00684 (JO)	
7/21/2016	<0.002	
1/17/2017	<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
8/18/2021		<0.002

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	<0.002	
7/21/2015	<0.002	
3/31/2016	<0.002	
5/25/2016	<0.002	
7/27/2016	<0.002	
8/1/2017	<0.002	
10/3/2017	0.0013 (J)	
6/20/2018	<0.002	
1/18/2019		0.0017 (J)
6/25/2019		0.0027
9/11/2019		<0.002
3/10/2020		<0.002
9/9/2020		<0.002
3/15/2021		<0.002
8/18/2021		<0.002

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (JB)	
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)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/8/2012	<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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/8/2012	<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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.0013	
10/30/2011	<0.0025	
12/4/2011	0.0021	
1/19/2012	<0.0025	
7/18/2012	<0.0025	
1/8/2013	0.0019	
7/9/2013	0.002	
1/14/2014	<0.0025	
6/24/2014	0.0029	
1/20/2015	<0.0025	
7/27/2015	0.0013	
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	0.0015 (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
8/25/2021		0.0024

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
3/22/2016	<0.0025	
5/19/2016	<0.0025	
7/21/2016	<0.0025	
1/17/2017	<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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.0028	
6/25/2014	0.00075 (J)	
7/21/2015	0.00066 (J)	
3/31/2016	<0.0025	
5/25/2016	<0.0025	
7/27/2016	<0.0025	
8/1/2017	<0.0025	
10/3/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019		0.00011 (J)
6/25/2019		0.00042 (J)
9/11/2019		0.00017 (J)
3/10/2020		0.00081 (J)
9/9/2020		0.00076 (J)
3/15/2021		0.0015 (J)
8/18/2021		0.00024 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
7/22/2016	0.01	
9/16/2016	0.011	
11/17/2016	0.0032	
1/25/2017	<0.0025	
3/23/2017	0.0037	
5/1/2017	0.0085	
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-6	GWC-6
8/31/2011	0.013	
10/30/2011	0.037	
12/5/2011	0.029	
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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	0.0088	
7/22/2015	0.0072	
1/19/2016	0.0083 (D)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.002	
6/25/2014	0.0016 (J)	
7/21/2015	<0.002	
8/1/2017	<0.002	
6/20/2018	<0.002	
1/18/2019	<0.002	
6/25/2019	0.004	
9/11/2019	0.0015 (J)	
3/10/2020	0.0025	
9/9/2020	0.0029	
3/15/2021		0.0031
8/18/2021		0.0017 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.002	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-24
7/8/2014	<0.0025	
7/31/2015	0.0028 (J)	
1/20/2016	0.0012 (J)	
2/3/2017	<0.0025	
8/8/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0034 (J)	
7/8/2014	0.0017 (J)	
1/21/2015	<0.0025	
7/30/2015	0.0028 (J)	
1/21/2016	0.0029 (J)	
1/24/2017	<0.0025	
8/3/2017	<0.0025	
1/25/2018	<0.0025	
6/27/2018	<0.0025	
1/24/2019		0.003
6/25/2019		0.0029
9/11/2019		0.0072
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0018 (J)	
7/1/2014	0.0048 (J)	
1/21/2015	<0.0025	
1/25/2016	<0.0025	
1/25/2017	<0.0025	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/21/2016	<0.001	
1/17/2017	<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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
3/31/2016	<0.001	
5/25/2016	<0.001	
7/27/2016	<0.001	
8/1/2017	<0.001	
10/3/2017	<0.001	
6/20/2018	<0.001	
1/18/2019		0.00011 (J)
6/25/2019		<0.001
9/11/2019		0.00017 (J)
3/10/2020		0.002
9/9/2020		0.00014 (J)
3/15/2021		<0.001
8/18/2021		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.011 (O)	
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-31	GWC-31
9/17/2011	<0.0013	
10/31/2011	<0.0013	
2/7/2012	<0.0013	
1/23/2013	<0.0013	
1/23/2014	0.0012 (J)	
7/1/2014	<0.0013	
1/21/2015	<0.0013	
1/25/2016	<0.0013	
3/30/2016	<0.0013	
5/25/2016	<0.0013	
7/27/2016	0.00078 (J)	
1/25/2017	0.00042 (J)	
3/23/2017	<0.0013	
5/2/2017	0.00039 (J)	
7/19/2017	0.00051 (J)	
8/4/2017	0.00037 (J)	
1/23/2018	<0.0013	
6/27/2018	<0.0013	
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	<0.0002	
7/22/2015	<0.0002	
1/19/2016	<0.0002 (D)	
3/22/2016	<0.0002	
5/19/2016	<0.0002	
7/21/2016	<0.0002	
1/17/2017	<0.0002	
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0002	
6/25/2014	<0.0002	
7/21/2015	<0.0002	
3/31/2016	<0.0002	
5/25/2016	<0.0002	
7/27/2016	0.00011 (J)	
8/1/2017	<0.0002	
10/3/2017	<0.0002	
6/20/2018	<0.0002	
1/18/2019		<0.0002
6/25/2019		<0.0002
9/11/2019		<0.0002
3/10/2020		<0.0002
9/9/2020		<0.0002
3/15/2021		<0.0002
8/18/2021		<0.0002

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	0.0026	
7/22/2015	0.0028	
1/19/2016	0.0021 (JD)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.0025	
6/25/2014	0.0044	
7/21/2015	0.0056	
8/1/2017	<0.0025	
6/20/2018	<0.0025	
1/18/2019	0.00087 (J)	
6/25/2019	0.0021	
9/11/2019	0.0022	
3/10/2020	0.0019	
9/9/2020	0.0015	
3/15/2021		0.0022
8/18/2021		0.0039

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)	
1/17/2017	0.007	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0017 (J)	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
2/2/2017	<0.0025	
8/7/2017	<0.0025	
1/25/2018	<0.0025	
6/21/2018	<0.0025	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/2/2017	<0.0025	
8/7/2017	<0.0025	
1/26/2018	<0.0025	
6/20/2018	<0.0025	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
1/19/2017	<0.0025	
8/3/2017	<0.0025	
1/22/2018	<0.0025	
6/27/2018	<0.0025	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
1/26/2017	0.0034	
8/7/2017	0.011	
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

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.029 (O)	
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	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	<0.005	
7/22/2015	<0.005	
1/19/2016	<0.005 (D)	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/21/2016	0.00045 (J)	
1/17/2017	<0.005	
4/27/2017	<0.005	
7/18/2017	<0.005	
8/1/2017	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	<0.005 (*)	
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.003	
1/22/2014	0.0011 (J)	
7/8/2014	0.0013 (JD)	
1/21/2015	0.00071 (J)	
7/22/2015	0.00059 (J)	
1/19/2016	0.0011 (JD)	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
1/14/2015	0.0002 (J)	
7/22/2015	0.003 (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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/8/2012	<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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-27	GWC-27
9/17/2011	<0.0005	
10/29/2011	<0.0005	
12/14/2011	<0.0005	
1/25/2012	<0.0005	
7/17/2012	<0.0005	
1/24/2013	<0.0005	
7/24/2013	<0.0005	
1/23/2014	0.0001 (J)	
7/8/2014	0.0001	
1/22/2016	0.000193 (J)	
3/23/2016	<0.0005	
5/24/2016	<0.0005	
7/26/2016	0.00017 (J)	
9/19/2016	0.00016 (J)	
11/11/2016	<0.0005	
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	<0.001	
1/17/2019		0.0012
6/24/2019		0.0028
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0012 (J)	
1/22/2015	0.0013 (J)	
7/22/2015	<0.001	
1/20/2016	<0.001	
1/19/2017	<0.001	
8/2/2017	<0.001	
1/19/2018	<0.001	
6/19/2018	0.0024 (J)	
1/17/2019		0.0016
6/24/2019		0.0018
9/10/2019		0.0011
3/10/2020		<0.001
9/10/2020		<0.001
3/15/2021		<0.001
8/18/2021		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.00072 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
7/21/2015	<0.001	
1/22/2016	<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		0.0012
6/25/2019		0.0025
9/10/2019		0.0012
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001
8/16/2021		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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 (D)	
1/21/2015	<0.001	
7/22/2015	<0.001	
1/19/2016	<0.001 (D)	
1/17/2017	<0.001	
8/1/2017	<0.001 (*)	
1/19/2018	<0.001	
6/19/2018	0.0014 (J)	
1/18/2019		0.0015
6/25/2019		0.0023
9/10/2019		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		0.0017
8/18/2021		0.0012

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	<0.001	
6/25/2014	<0.001	
7/21/2015	<0.001	
8/1/2017	<0.001	
6/20/2018	<0.001	
1/18/2019	0.0019	
6/25/2019	0.0028	
9/11/2019	0.0014	
3/10/2020	<0.001	
9/9/2020	0.0018	
3/15/2021		<0.001
8/18/2021		0.0015

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0016 (J)	
6/25/2014	0.00084 (J)	
1/14/2015	0.0014 (J)	
7/21/2015	<0.001	
1/20/2016	<0.001	
1/17/2017	<0.001	
8/2/2017	<0.001	
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		<0.001
3/10/2020		<0.001
9/9/2020		<0.001
3/15/2021		<0.001
8/18/2021		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	<0.001	
2/1/2017	0.0032	
8/8/2017	<0.001	
1/25/2018	0.003	
6/21/2018	0.0018 (J)	
1/31/2019	0.0015	
6/26/2019	0.0014	
9/17/2019	<0.001	
3/17/2020	<0.001	
9/10/2020	<0.001	
3/18/2021		<0.001
8/20/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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		0.0013
9/11/2019		0.0011
3/18/2020		<0.001
9/10/2020		<0.001
3/16/2021		<0.001
8/19/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
1/31/2017	0.0015 (J)	
8/4/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	<0.001	
1/22/2019		0.0015
6/25/2019		0.0021
9/12/2019		0.0015
3/12/2020		<0.001
9/10/2020		<0.001
3/17/2021		<0.001
8/23/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/1/2017	0.002 (J)	
8/7/2017	<0.001	
1/25/2018	<0.001	
6/20/2018	0.0016 (J)	
1/22/2019		<0.001
6/25/2019		0.0014
9/12/2019		0.0012
3/17/2020		<0.001
9/10/2020		<0.001
3/17/2021		<0.001
8/23/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/8/2012	<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	
2/1/2017	0.0016 (J)	
8/4/2017	<0.001	
1/25/2018	0.003	
6/20/2018	<0.001	
1/22/2019		0.0012
6/25/2019		0.0019
9/17/2019		0.0013
3/16/2020		<0.001
9/10/2020		<0.001
3/18/2021		<0.001
8/24/2021		0.0012

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
2/1/2017	0.0067	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-17	GWC-17
8/30/2011	<0.0025	
10/27/2011	<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	0.0019 (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)	
2/1/2017	0.0044	
8/7/2017	<0.0025	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
2/8/2012	<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)	
2/1/2017	0.0036	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0016 (J)	
1/27/2016	<0.001	
2/2/2017	0.0015 (J)	
8/7/2017	0.0016 (J)	
1/25/2018	0.0021 (J)	
6/21/2018	<0.001	
1/28/2019		<0.001
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-20	GWC-20
8/31/2011	0.0035	
10/27/2011	<0.005	
12/4/2011	<0.005	
2/8/2012	<0.005	
7/11/2012	<0.005	
1/8/2013	<0.005	
7/16/2013	<0.005	
1/21/2014	<0.005	
6/24/2014	0.00089 (J)	
1/13/2015	0.0013 (J)	
7/23/2015	0.0027 (J)	
1/27/2016	0.0012 (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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
2/2/2017	0.0028	
8/7/2017	0.0014 (J)	
1/26/2018	<0.001	
6/20/2018	<0.001	
1/24/2019		<0.001
6/25/2019		0.0021
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0011 (J)	
1/21/2016	<0.001	
2/3/2017	0.0016 (J)	
8/8/2017	<0.001	
1/25/2018	0.0014 (J)	
6/20/2018	<0.001	
1/25/2019		0.0012
6/26/2019		0.0019
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
2/3/2017	0.0015 (J)	
8/8/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/31/2019	0.0015	
6/26/2019	0.0014	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-25	GWC-25
9/17/2011	0.0074	
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	0.00082 (J)	
7/8/2014	<0.001	
1/21/2015	0.0013 (J)	
7/30/2015	0.0018 (J)	
1/21/2016	0.0017 (J)	
1/24/2017	0.0077	
8/3/2017	<0.001	
1/25/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		0.0018
6/25/2019		0.0019
9/11/2019		0.0013
3/12/2020		0.0011
9/14/2020		<0.001
3/17/2021		<0.001
8/19/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
1/19/2017	<0.001	
8/3/2017	<0.001	
1/22/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		0.0013
6/25/2019		0.0024
9/12/2019		0.0014
3/13/2020		<0.001
9/15/2020		<0.001
3/17/2021		<0.001
8/19/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
1/20/2017	<0.001	
8/3/2017	<0.001	
1/19/2018	<0.001	
6/27/2018	<0.001	
1/24/2019		<0.001
6/26/2019		0.0011
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.001 (J)	
1/24/2017	0.0059	
8/4/2017	0.0018 (J)	
1/24/2018	<0.0025	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	0.00068 (J)	
7/1/2014	<0.001	
1/21/2015	<0.001	
1/25/2016	<0.001	
1/25/2017	0.0043	
8/4/2017	<0.001	
1/23/2018	0.0023 (J)	
6/27/2018	<0.001	
1/31/2019		0.0014
6/26/2019		0.0015
9/11/2019		0.0025
3/17/2020		<0.001
9/11/2020		<0.001
3/16/2021		<0.001
8/25/2021		0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
1/26/2017	0.0016 (J)	
8/3/2017	<0.001	
1/23/2018	0.003	
6/26/2018	<0.001	
1/30/2019		0.0012
6/27/2019		0.0021
9/12/2019		0.0012
3/18/2020		<0.001
9/15/2020		<0.001
3/17/2021		0.0011
8/24/2021		0.0011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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	
1/25/2017	0.0052	
8/4/2017	<0.001	
1/23/2018	0.003	
6/26/2018	<0.001	
1/30/2019		0.0014
6/26/2019		0.0017
9/12/2019		0.0014
3/12/2020		<0.001
9/16/2020		<0.001
3/18/2021		<0.001
8/24/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
1/25/2017	0.0055	
8/3/2017	<0.001	
1/23/2018	<0.001	
6/20/2018	<0.001	
1/28/2019		<0.001
6/26/2019		0.002
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
1/26/2017	0.0026	
8/3/2017	<0.001	
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		<0.001
3/11/2020		<0.001
9/11/2020		<0.001
3/16/2021		<0.001
8/18/2021		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)	
1/26/2017	0.0064	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	0.002 (J)	
6/25/2014	<0.001	
1/20/2015	<0.001	
7/24/2015	<0.001	
1/20/2016	<0.001	
1/26/2017	0.0064	
8/3/2017	<0.001	
1/23/2018	0.0038	
6/25/2018	<0.001	
1/30/2019		0.0015
6/26/2019		0.0016
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
1/26/2017	0.0057	
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

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	0.0014 (J)	
1/20/2015	0.0013 (J)	
7/27/2015	<0.001	
1/26/2016	<0.001	
1/26/2017	0.0038	
8/7/2017	<0.001	
1/24/2018	<0.001	
6/21/2018	0.0015 (J)	
1/22/2019		0.0015
6/25/2019		0.0026
9/10/2019		0.0014
3/12/2020		<0.001
9/14/2020		<0.001
3/16/2021		0.0014
8/20/2021		0.0012

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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 (D)	
1/21/2015	0.037	
7/22/2015	0.031	
1/19/2016	0.035 (D)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
8/31/2011	0.0037	
6/25/2014	0.015	
7/21/2015	0.042	
8/1/2017	<0.02	
6/20/2018	<0.02	
1/18/2019	0.0088	
6/25/2019	0.014	
9/11/2019	0.02	
3/10/2020	0.015	
9/9/2020	0.013	
3/15/2021		0.015
8/18/2021		0.038

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-10	GWC-10
1/25/2016	0.0027	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	<0.02	
7/11/2012	<0.02	
1/8/2013	<0.02	
7/16/2013	<0.02	
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	<0.02	
2/2/2017	<0.02	
8/7/2017	<0.02	
1/25/2018	<0.02	
6/21/2018	<0.02	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	<0.005	
6/25/2014	0.00094 (J)	
1/14/2015	0.00073 (J)	
7/23/2015	<0.005	
1/26/2016	<0.005	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
1/24/2017	0.0085 (J)	
8/3/2017	<0.02	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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
8/23/2021		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
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)	
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

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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
3/16/2020		0.0032 (J)
9/11/2020		0.0071
3/17/2021		<0.005
8/18/2021		0.0034 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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)	
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
9/14/2020		0.0041 (J)
3/16/2021		<0.005
8/19/2021		<0.005

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters

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	
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
9/14/2020		0.0079
3/16/2021		0.0045 (J)
8/20/2021		0.0046 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:39 PM View: State Parameters
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-9	GWC-9
9/7/2011	0.016 (O)	
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	
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

FIGURE F.

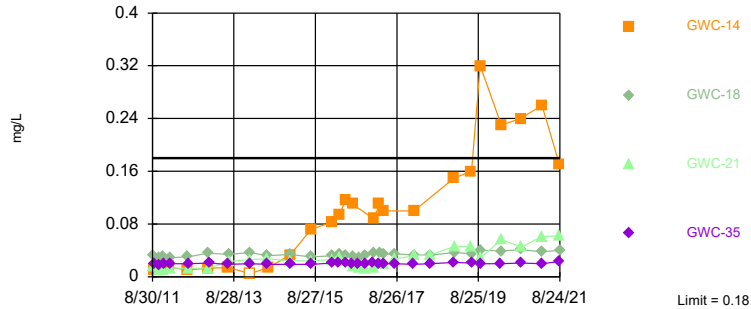
Appendix I - Interwell Prediction Limits - Intrawell Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:41 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-14	0.18	n/a	8/23/2021	0.17	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-18	0.18	n/a	8/24/2021	0.04	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-21	0.18	n/a	8/19/2021	0.062	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Barium (mg/L)	GWC-35	0.18	n/a	8/18/2021	0.023	No	164	n/a	n/a	12.2	n/a	n/a	0.000001327	NP Inter (normality) 1 of 3
Cobalt (mg/L)	GWC-21	0.015	n/a	8/19/2021	0.0049	No	164	n/a	n/a	64.02	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Lead (mg/L)	GWC-24	0.002	n/a	8/19/2021	0.0015	No	164	n/a	n/a	92.68	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Lead (mg/L)	GWC-26	0.002	n/a	8/19/2021	0.0015	No	164	n/a	n/a	92.68	n/a	n/a	0.000001327	NP Inter (NDs) 1 of 3
Zinc (mg/L)	GWC-14	0.078	n/a	8/23/2021	0.017	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-23	0.078	n/a	8/23/2021	0.032	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3
Zinc (mg/L)	GWC-24	0.078	n/a	8/19/2021	0.014	No	127	n/a	n/a	22.05	n/a	n/a	0.000002877	NP Inter (normality) 1 of 3

Within Limit

Prediction Limit
Interwell Non-parametric

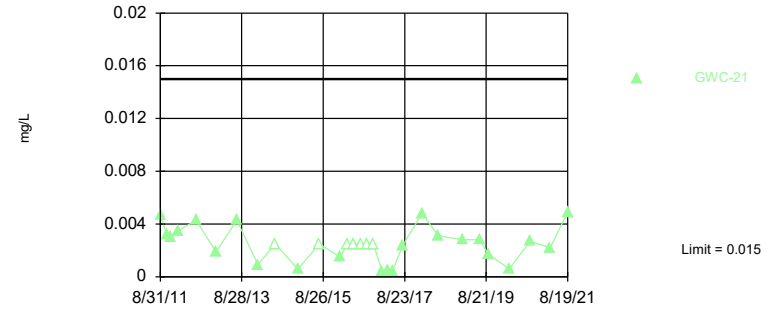


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 164 background values. 12.2% NDs. Annual per-constituent alpha = 0.00007697. Individual comparison alpha = 0.000001327 (1 of 3). Comparing 4 points to limit. Assumes 25 future values.

Constituent: Barium Analysis Run 10/11/2021 1:40 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Interwell Non-parametric

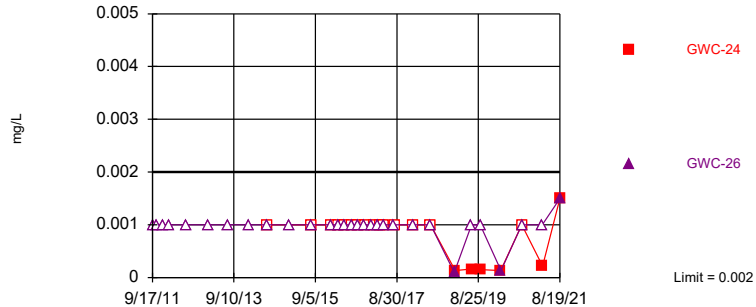


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 164 background values. 64.02% NDs. Annual per-constituent alpha = 0.00007697. Individual comparison alpha = 0.000001327 (1 of 3). Assumes 28 future values.

Constituent: Cobalt Analysis Run 10/11/2021 1:40 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Interwell Non-parametric

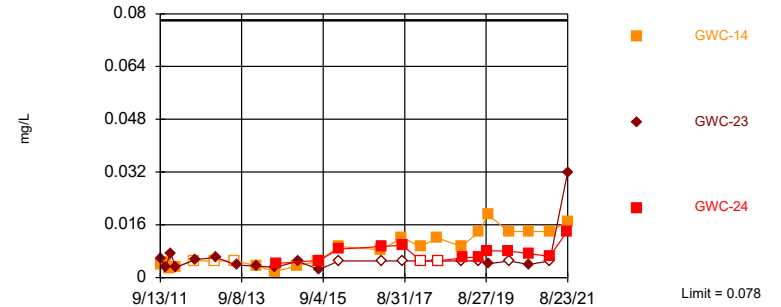


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 164 background values. 92.68% NDs. Annual per-constituent alpha = 0.00007697. Individual comparison alpha = 0.000001327 (1 of 3). Comparing 2 points to limit. Assumes 27 future values.

Constituent: Lead Analysis Run 10/11/2021 1:40 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

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 127 background values. 22.05% NDs. Annual per-constituent alpha = 0.0001669. Individual comparison alpha = 0.000002877 (1 of 3). Comparing 3 points to limit. Assumes 26 future values.

Constituent: Zinc Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWA-3 (bg)	GWA-4 (bg)	GWC-21	GWC-14	GWA-1 (bg)	GWC-35	GWA-28 (bg)	GWA-2 (bg)
8/30/2011	0.033								
8/31/2011		0.1	0.092	0.015					
9/13/2011					0.01				
9/16/2011						0.013	0.019	0.0022	
9/17/2011									0.011
10/26/2011	0.028								
10/27/2011			0.061	0.01	0.019	0.012			0.013
10/28/2011								0.0016	
10/31/2011							0.018		
12/3/2011	0.03				0.011				
12/4/2011				0.011					
12/12/2011							0.02	0.0018	
12/13/2011						0.012			
12/14/2011			0.1						0.01
1/24/2012					0.015				
1/25/2012								<0.01	
1/31/2012						0.011			
2/1/2012			0.087				0.02		
2/7/2012									0.014
2/8/2012				0.013					
2/9/2012	0.029								
7/11/2012	0.03				0.01				
7/16/2012							0.02	0.0011	
7/17/2012				0.013					
7/18/2012						0.012			
7/23/2012			0.13						0.014
1/8/2013	0.036				0.013				
1/9/2013				0.013					
1/22/2013							0.021		
1/23/2013			0.11						0.02
1/24/2013						0.012		<0.01	
7/2/2013							0.019		
7/10/2013					0.014				
7/16/2013	0.034			0.023					
7/17/2013			0.087			0.0097			
7/23/2013								<0.01	
7/24/2013									0.016
1/14/2014	0.037								
1/15/2014			0.081						
1/21/2014				0.026	<0.01	0.0096	0.02		
1/22/2014								0.0013	0.017
6/24/2014	0.032			0.027					
6/25/2014		0.048	0.081			0.0094	0.019		
7/1/2014					0.014			0.0012 (J)	0.015
7/8/2014									
1/13/2015	0.034			0.024					
1/14/2015			0.13		0.033	0.0095	0.019		
1/21/2015								0.00042 (J)	
1/22/2015									0.019
7/21/2015		0.036	0.11			0.0099		0.00055 (J)	
7/22/2015					0.072				0.014
7/23/2015	0.03			0.024					

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-18	GWA-3 (bg)	GWA-4 (bg)	GWC-21	GWC-14	GWA-1 (bg)	GWC-35	GWA-28 (bg)	GWA-2 (bg)
7/28/2015							0.019		
1/19/2016									
1/20/2016			0.086						0.016
1/21/2016						0.011	0.021		
1/22/2016								0.00037 (J)	
1/26/2016				0.026					
1/27/2016	0.032				0.083				
3/22/2016								<0.01	
3/23/2016			0.112			0.00968 (J)			0.00773 (J)
3/24/2016							0.0206		
3/30/2016	0.0349			0.0293	0.0943				
3/31/2016		0.027							
5/19/2016			0.11						
5/20/2016						0.0096 (J)			
5/23/2016							0.0221	<0.01	
5/24/2016									0.00761 (J)
5/25/2016		0.027			0.117				
5/26/2016	0.0323			0.0237					
7/21/2016			0.14			0.0087	0.019		
7/25/2016	0.031							0.001 (J)	
7/26/2016				0.016	0.11				0.0078
7/27/2016		0.029							
9/14/2016			0.15						
9/15/2016					0.16 (O)	0.0086	0.02	0.00092 (J)	
9/16/2016									0.017
9/19/2016	0.028								
9/20/2016				0.014					
11/9/2016								0.0016 (J)	
11/10/2016			0.17						0.016
11/11/2016						0.0095			
11/15/2016							0.02		
11/17/2016	0.033			0.012	0.27 (O)				
1/17/2017			0.18					<0.01	
1/19/2017						0.0087			0.02
1/26/2017							0.021		
2/1/2017	0.037				0.088				
2/2/2017				0.014					
3/16/2017			0.15			0.01		0.00055 (J)	
3/17/2017									0.016
3/22/2017							0.019		
3/23/2017					0.11				
3/24/2017	0.037								
3/28/2017				0.021					
4/27/2017			0.13					<0.01	
4/28/2017						0.0091			0.016
5/2/2017							0.02		
5/3/2017	0.034				0.1				
5/4/2017				0.02					
7/18/2017									
8/1/2017		0.03						0.00059 (J)	
8/2/2017			0.15						0.014
8/3/2017						0.0099	0.02		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)
8/30/2011	
8/31/2011	
9/13/2011	
9/16/2011	
9/17/2011	0.0016
10/26/2011	
10/27/2011	
10/28/2011	0.0015
10/31/2011	
12/3/2011	
12/4/2011	
12/12/2011	0.0013
12/13/2011	
12/14/2011	
1/24/2012	
1/25/2012	
1/31/2012	<0.01
2/1/2012	
2/7/2012	
2/8/2012	
2/9/2012	
7/11/2012	
7/16/2012	
7/17/2012	0.0016
7/18/2012	
7/23/2012	
1/8/2013	
1/9/2013	
1/22/2013	
1/23/2013	
1/24/2013	0.0013
7/2/2013	
7/10/2013	
7/16/2013	
7/17/2013	
7/23/2013	
7/24/2013	0.0022
1/14/2014	
1/15/2014	
1/21/2014	
1/22/2014	0.0012 (J)
6/24/2014	
6/25/2014	
7/1/2014	
7/8/2014	0.0013 (D)
1/13/2015	
1/14/2015	
1/21/2015	0.0015
1/22/2015	
7/21/2015	
7/22/2015	0.0014
7/23/2015	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

GWA-29 (bg)	
7/28/2015	
1/19/2016	0.00092 (JD)
1/20/2016	
1/21/2016	
1/22/2016	
1/26/2016	
1/27/2016	
3/22/2016	<0.01
3/23/2016	
3/24/2016	
3/30/2016	
3/31/2016	
5/19/2016	0.00265 (J)
5/20/2016	
5/23/2016	
5/24/2016	
5/25/2016	
5/26/2016	
7/21/2016	0.0038
7/25/2016	
7/26/2016	
7/27/2016	
9/14/2016	
9/15/2016	
9/16/2016	
9/19/2016	
9/20/2016	
11/9/2016	
11/10/2016	
11/11/2016	
11/15/2016	
11/17/2016	
1/17/2017	0.0011 (J)
1/19/2017	
1/26/2017	
2/1/2017	
2/2/2017	
3/16/2017	
3/17/2017	
3/22/2017	
3/23/2017	
3/24/2017	
3/28/2017	
4/27/2017	0.00097 (J)
4/28/2017	
5/2/2017	
5/3/2017	
5/4/2017	
7/18/2017	0.0016 (J)
8/1/2017	0.0011 (J)
8/2/2017	
8/3/2017	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)
8/7/2017	
10/3/2017	
1/19/2018	0.00076 (J)
1/22/2018	
1/23/2018	
1/25/2018	
1/26/2018	
6/19/2018	0.00078 (J)
6/20/2018	
6/21/2018	
1/17/2019	
1/18/2019	0.0007 (J)
1/21/2019	
1/22/2019	
1/24/2019	
1/28/2019	
6/24/2019	
6/25/2019	<0.01
6/26/2019	
6/27/2019	
9/9/2019	
9/10/2019	0.0033 (J)
9/11/2019	
9/12/2019	
3/10/2020	<0.01
3/11/2020	
3/17/2020	
3/18/2020	
9/9/2020	<0.01
9/10/2020	
9/11/2020	
9/14/2020	
9/15/2020	
3/15/2021	<0.01
3/16/2021	
3/17/2021	
8/16/2021	
8/18/2021	<0.01
8/19/2021	
8/23/2021	
8/24/2021	

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-21	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
8/31/2011	0.0028	0.0028	0.0047				
9/16/2011				<0.0025	<0.0025		
9/17/2011						<0.0025	<0.0025
10/27/2011	<0.0025		0.0032	<0.0025		<0.0025	
10/28/2011					<0.0025		<0.0025
12/4/2011			0.003				
12/12/2011					<0.0025		<0.0025
12/13/2011				<0.0025			
12/14/2011	<0.0025					<0.0025	
1/25/2012					<0.0025		
1/31/2012				<0.0025			<0.0025
2/1/2012	0.0027						
2/7/2012						<0.0025	
2/8/2012			0.0035				
7/16/2012					<0.0025		
7/17/2012			0.0043				<0.0025
7/18/2012				<0.0025			
7/23/2012	0.0073					<0.0025	
1/9/2013			0.0019				
1/23/2013	0.0029					<0.0025	
1/24/2013				<0.0025	<0.0025		<0.0025
7/16/2013			0.0043				
7/17/2013	0.0033			<0.0025			
7/23/2013					<0.0025		
7/24/2013						<0.0025	<0.0025
1/15/2014	0.0076						
1/21/2014			0.00093 (J)	<0.0025			
1/22/2014					<0.0025	<0.0025	<0.0025
6/24/2014			<0.0025				
6/25/2014	0.0044	0.00075 (J)		<0.0025			
7/1/2014					<0.0025	0.00056 (J)	
7/8/2014							<0.0025
1/13/2015			0.00058 (J)				
1/14/2015	0.015			0.00068 (J)			
1/21/2015					<0.0025		<0.0025
1/22/2015						0.00067 (J)	
7/21/2015	0.0053	0.00066 (J)		<0.0025	<0.0025		
7/22/2015						<0.0025	<0.0025
7/23/2015			<0.0025				
1/19/2016							<0.0025 (D)
1/20/2016	0.0034					<0.0025	
1/21/2016				<0.0025			
1/22/2016					<0.0025		
1/26/2016			0.0015				
3/22/2016					<0.0025		<0.0025
3/23/2016	0.00443 (J)			<0.0025		<0.0025	
3/30/2016			<0.0025				
3/31/2016		<0.0025					
5/19/2016	0.00361 (J)						<0.0025
5/20/2016				<0.0025			
5/23/2016					<0.0025		
5/24/2016						<0.0025	

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-21	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
5/25/2016		<0.0025					
5/26/2016			<0.0025				
7/21/2016	0.0058			<0.0025			<0.0025
7/25/2016					<0.0025		
7/26/2016			<0.0025			<0.0025	
7/27/2016		<0.0025					
9/14/2016	0.0075						
9/15/2016				<0.0025	<0.0025		
9/16/2016						0.0011 (J)	
9/20/2016			<0.0025				
11/9/2016					<0.0025		
11/10/2016	0.01					<0.0025	
11/11/2016				<0.0025			
11/17/2016			<0.0025				
1/17/2017	0.013				<0.0025		<0.0025
1/19/2017				<0.0025		<0.0025	
2/2/2017			0.0004 (J)				
3/16/2017	0.0059			<0.0025	<0.0025		
3/17/2017						<0.0025	
3/28/2017			0.00047 (J)				
4/27/2017	0.0052				<0.0025		<0.0025
4/28/2017				0.00044 (J)		0.00045 (J)	
5/4/2017			0.00043 (J)				
7/18/2017							<0.0025
8/1/2017		<0.0025			<0.0025		<0.0025
8/2/2017	0.005					<0.0025	
8/3/2017				<0.0025			
8/7/2017			0.0024 (J)				
10/3/2017		<0.0025					
1/19/2018				<0.0025	<0.0025	<0.0025	<0.0025
1/22/2018	0.0046						
1/26/2018			0.0048				
6/19/2018	0.005			<0.0025	<0.0025	0.00061 (J)	<0.0025
6/20/2018		<0.0025	0.0031				
1/17/2019	0.0038			0.00033 (J)		0.00018 (J)	
1/18/2019		0.00011 (J)					<0.0025
1/21/2019					<0.0025		
1/24/2019			0.0028				
6/24/2019	0.006			0.00019 (J)		0.00019 (J)	
6/25/2019		0.00042 (J)	0.0028		<0.0025		0.00012 (J)
9/9/2019				0.00019 (J)			
9/10/2019	0.0062				<0.0025	0.00029 (J)	8.9E-05 (J)
9/11/2019		0.00017 (J)	0.0017				
3/10/2020	0.0035	0.00081 (J)		0.00017 (J)	<0.0025	0.00017 (J)	<0.0025
3/18/2020			0.0006 (J)				
9/9/2020	0.0047	0.00076 (J)		<0.0025	<0.0025		<0.0025
9/10/2020						0.00019 (J)	
9/15/2020			0.0027				
3/15/2021	0.0073	0.0015 (J)		0.00022 (J)	<0.0025	0.00021 (J)	<0.0025
3/16/2021			0.0022 (J)				
8/16/2021				<0.0025	<0.0025		
8/18/2021	0.005	0.00024 (J)				0.0002 (J)	<0.0025

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWC-21	GWA-1 (bg)	GWA-28 (bg)	GWA-2 (bg)	GWA-29 (bg)
8/19/2021			0.0049				

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)	GWC-26	GWC-24
8/31/2011	<0.001	<0.001						
9/16/2011			<0.001	<0.001				
9/17/2011					<0.001	<0.001	<0.001	
10/27/2011	<0.001			<0.001		<0.001		
10/28/2011			<0.001		<0.001			
10/29/2011							<0.001	
12/12/2011			<0.001		<0.001			
12/13/2011				<0.001				
12/14/2011	<0.001					<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	<0.001	
7/16/2012			<0.001					
7/17/2012					<0.001		<0.001	
7/18/2012				<0.001				
7/23/2012	<0.001					<0.001		
1/23/2013	<0.001					<0.001		
1/24/2013			<0.001	<0.001	<0.001		<0.001	
7/17/2013	<0.001			<0.001				
7/23/2013			<0.001					
7/24/2013					<0.001	<0.001	<0.001	
1/15/2014	<0.001							
1/21/2014				<0.001				
1/22/2014			<0.001		<0.001	<0.001		
1/23/2014							<0.001	
6/25/2014	<0.001	<0.001		<0.001				
7/1/2014			<0.001			<0.001		
7/8/2014					<0.001 (D)		<0.001	<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		
7/31/2015							<0.001	<0.001
1/19/2016					<0.001 (D)			
1/20/2016	<0.001					<0.001		<0.001
1/21/2016				<0.001				
1/22/2016			<0.001					
1/25/2016							<0.001	
3/22/2016			<0.001		<0.001			
3/23/2016	<0.001			<0.001		<0.001		
3/24/2016							<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	<0.001
7/21/2016	<0.001			<0.001	<0.001			
7/25/2016			<0.001					

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)	GWC-26	GWC-24
7/26/2016						<0.001	<0.001	
7/27/2016		<0.001						<0.001
9/14/2016	<0.001							
9/15/2016			<0.001	<0.001				
9/16/2016						<0.001		<0.001
9/19/2016							<0.001	
11/9/2016			<0.001					
11/10/2016	<0.001					<0.001		
11/11/2016				<0.001				
11/14/2016							<0.001	
11/18/2016								<0.001
1/17/2017	<0.001		<0.001		<0.001			
1/19/2017				<0.001		<0.001	<0.001	
2/3/2017								<0.001
3/16/2017	<0.001		<0.001	<0.001			<0.001	
3/17/2017						<0.001		
3/29/2017								<0.001
4/27/2017	<0.001		<0.001		<0.001			
4/28/2017				<0.001		<0.001		
5/1/2017							<0.001	
5/4/2017								<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	
8/8/2017								<0.001
10/3/2017		<0.001						
1/19/2018			<0.001	<0.001	<0.001	<0.001		
1/22/2018	<0.001						<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						
6/27/2018							<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					
1/24/2019							9.8E-05 (J)	
1/31/2019								0.00013 (J)
6/24/2019	<0.001			<0.001		<0.001		
6/25/2019		<0.001	<0.001		0.00029 (J)		<0.001	
6/26/2019								0.00016 (J)
9/9/2019				<0.001				
9/10/2019	<0.001		<0.001		0.00028 (J)	0.00014 (J)		
9/11/2019		0.00017 (J)						0.00015 (J)
9/12/2019							<0.001	
3/10/2020	<0.001	0.002	<0.001	<0.001	<0.001	<0.001		
3/12/2020								0.00013 (J)
3/13/2020							0.00013 (J)	
9/9/2020	<0.001	0.00014 (J)	0.00024 (J)	<0.001	0.00013 (J)			
9/10/2020						<0.001		
9/15/2020							<0.001	<0.001
3/15/2021	<0.001	<0.001	<0.001	<0.001	0.00013 (J)	<0.001		

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-4 (bg)	GWA-3 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWA-29 (bg)	GWA-2 (bg)	GWC-26	GWC-24
3/17/2021							<0.001	
3/18/2021								0.00022 (J)
8/16/2021			<0.001	<0.001				
8/18/2021	0.00031 (J)	<0.001			0.00021 (J)	<0.001		
8/19/2021							0.0015	0.0015

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3 (bg)	GWA-4 (bg)	GWC-14	GWA-1 (bg)	GWA-28 (bg)	GWC-23	GWA-2 (bg)	GWA-29 (bg)	GWC-24
8/31/2011	0.0037	<0.005							
9/13/2011			0.0039						
9/16/2011				0.0071	0.003	0.0058			
9/17/2011							0.0061	0.026	
10/27/2011		<0.005	0.0046	0.0062			0.0059		
10/28/2011					0.0073			0.019	
10/29/2011						0.0032			
12/3/2011			0.0028						
12/12/2011					0.0053			0.02	
12/13/2011				0.0065		0.0074			
12/14/2011		<0.005					0.0077		
1/24/2012			0.0033						
1/25/2012					0.0046				
1/31/2012				0.0047		0.0031		0.036	
2/1/2012		<0.005							
2/7/2012							0.0053		
7/11/2012			<0.005						
7/16/2012					0.0034				
7/17/2012								0.015	
7/18/2012				0.0044		0.0054			
7/23/2012		0.0037					0.0043		
1/8/2013			<0.005						
1/22/2013						0.0061			
1/23/2013		<0.005					0.0054		
1/24/2013				0.0058	0.0049			0.048	
7/10/2013			<0.005						
7/17/2013		<0.005		0.0028					
7/23/2013					0.0026	0.0038			
7/24/2013							0.004	0.048	
1/15/2014		0.00085 (J)							
1/21/2014			0.0036	0.0037					
1/22/2014					0.0052	0.0035	0.0056	0.044	
6/25/2014	0.015	0.0014 (J)		0.0026					
7/1/2014			0.0018 (J)		0.0042	0.0031	0.004		
7/8/2014								0.04 (D)	0.0043
1/14/2015		0.0082	0.0035	0.003					
1/21/2015					0.0038			0.037	
1/22/2015						0.0049	0.0051		
7/21/2015	0.042	0.0015 (J)		0.0033	0.0042				
7/22/2015			0.005				0.0033	0.031	
7/29/2015						0.0024 (J)			
7/31/2015									0.0052
1/19/2016								0.035 (D)	
1/20/2016		0.0093					0.0029		0.0086
1/21/2016				0.0043		<0.005			
1/22/2016					0.0041				
1/27/2016			0.0094						
1/17/2017		0.014 (J)			<0.005			0.024	
1/19/2017				0.0077 (J)			<0.005		
2/1/2017			0.0084 (J)						
2/3/2017						<0.005			0.0094 (J)
8/1/2017	<0.005				<0.005			0.028	

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 10/11/2021 1:41 PM View: State Parameters - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3 (bg)	GWA-4 (bg)	GWC-14	GWA-1 (bg)	GWA-28 (bg)	GWC-23	GWA-2 (bg)	GWA-29 (bg)	GWC-24
8/2/2017		<0.005					<0.005		
8/3/2017				<0.005					
8/7/2017			0.012 (J)						
8/8/2017						<0.005			0.0098 (J)
1/19/2018				<0.005	<0.005		<0.005	0.024	
1/22/2018		<0.005							
1/25/2018			0.0095 (J)			<0.005			<0.005
6/19/2018		<0.005		0.0068 (J)	<0.005		<0.005	0.028	
6/20/2018	<0.005		0.012 (J)			<0.005			
6/27/2018									<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				
1/22/2019			0.0094						
1/25/2019						<0.005			
1/31/2019									0.006
6/24/2019		0.0036 (J)		0.0048 (J)			0.0046 (J)		
6/25/2019	0.014		0.014		0.011			0.041	
6/26/2019						<0.005			0.0062
9/9/2019				0.0064					
9/10/2019		0.006			0.01		0.0064	0.031	
9/11/2019	0.02								0.0081
9/12/2019			0.019			0.0042 (J)			
3/10/2020	0.015	0.052		0.0036 (J)	0.017		<0.005	0.034	
3/12/2020									0.008
3/17/2020			0.014						
3/18/2020						<0.005			
9/9/2020	0.013	<0.005		0.078	0.063			0.025	
9/10/2020			0.014			0.004 (J)	<0.005		
9/15/2020									0.0073
3/15/2021	0.015	0.044		<0.005	0.0057		<0.005	0.024	
3/17/2021			0.014						
3/18/2021						<0.005			0.0064
8/16/2021				<0.005	0.0061				
8/18/2021	0.038	0.0034 (J)					0.0046 (J)	0.024	
8/19/2021									0.014
8/23/2021			0.017			0.032			

FIGURE G.

Appendix I Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:50 PM

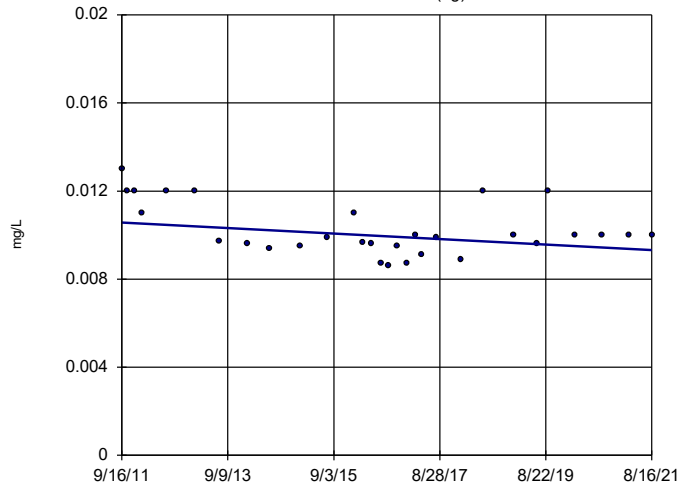
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-4 (bg)	0.005584	167	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02268	249	118	Yes	26	3.846	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18	0.0008913	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003796	259	146	Yes	30	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00007709	-191	-146	Yes	30	60	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-119	-98	Yes	23	69.57	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001404	-127	-98	Yes	23	47.83	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.000263	-152	-98	Yes	23	13.04	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001372	166	98	Yes	23	13.04	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/11/2021, 1:50 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-1 (bg)	-0.0001252	-64	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	-0.0001401	-43	-146	No	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-28 (bg)	0	55	146	No	30	43.33	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-29 (bg)	0.00003351	33	131	No	28	25	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0.007437	45	58	No	16	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	0.005584	167	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-14	0.02268	249	118	Yes	26	3.846	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18	0.0008913	221	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-21	0.003796	259	146	Yes	30	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-35	0.0001251	119	146	No	30	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-1 (bg)	0	-119	-146	No	30	76.67	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-2 (bg)	-0.00007709	-191	-146	Yes	30	60	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-28 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-29 (bg)	0	-37	-131	No	28	92.86	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-3 (bg)	-0.00009187	-39	-58	No	16	37.5	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWA-4 (bg)	0.0002478	118	146	No	30	6.667	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-14	0.0237	8	30	No	10	0	n/a	n/a	0.01	NP
Cobalt (mg/L)	GWC-21	-0.00006239	-58	-146	No	30	23.33	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-1 (bg)	0	0	146	No	30	100	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-2 (bg)	0	-21	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-28 (bg)	0	-25	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-29 (bg)	0	-116	-131	No	28	82.14	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-3 (bg)	0	-12	-58	No	16	75	n/a	n/a	0.01	NP
Lead (mg/L)	GWA-4 (bg)	0	-29	-146	No	30	96.67	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-24	0	-44	-87	No	21	71.43	n/a	n/a	0.01	NP
Lead (mg/L)	GWC-26	0	-12	-146	No	30	90	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-119	-98	Yes	23	69.57	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	-0.0001404	-127	-98	Yes	23	47.83	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-28 (bg)	0	-68	-98	No	23	73.91	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-29 (bg)	-0.000263	-152	-98	Yes	23	13.04	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-3 (bg)	-0.0001264	-20	-38	No	12	25	n/a	n/a	0.01	NP
Nickel (mg/L)	GWA-4 (bg)	0	-49	-92	No	22	54.55	n/a	n/a	0.01	NP
Nickel (mg/L)	GWC-14	0.001148	20	30	No	10	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-1 (bg)	0.0000254	10	98	No	23	17.39	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-2 (bg)	-0.00008394	-68	-98	No	23	30.43	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-28 (bg)	0.0004828	92	98	No	23	17.39	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-29 (bg)	-0.0006567	-32	-98	No	23	0	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-3 (bg)	0.0002901	6	38	No	12	16.67	n/a	n/a	0.01	NP
Zinc (mg/L)	GWA-4 (bg)	0	38	98	No	23	47.83	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-14	0.001372	166	98	Yes	23	13.04	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-23	0	18	98	No	23	39.13	n/a	n/a	0.01	NP
Zinc (mg/L)	GWC-24	0.000372	14	48	No	14	14.29	n/a	n/a	0.01	NP

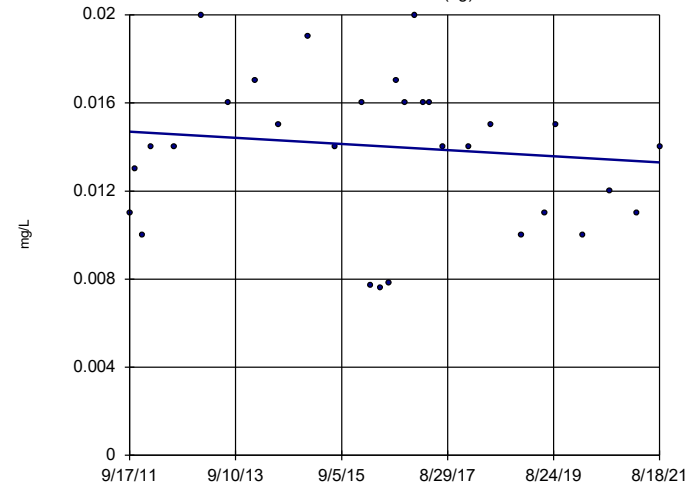
Sen's Slope Estimator
GWA-1 (bg)



n = 30
Slope = -0.0001252
units per year.
Mann-Kendall
statistic = -64
critical = -146
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

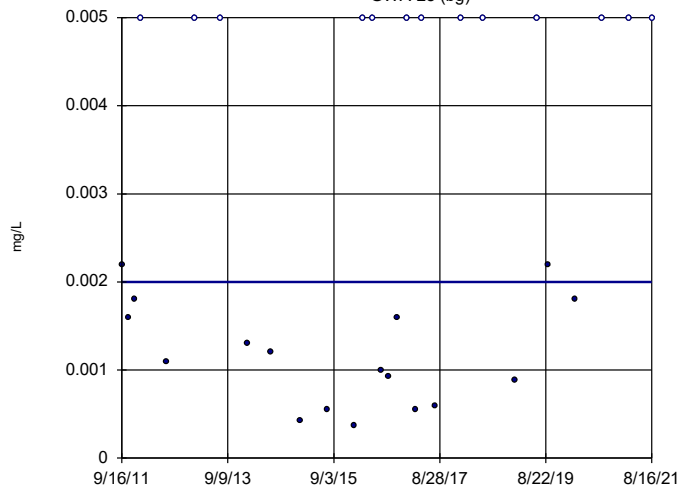
Sen's Slope Estimator
GWA-2 (bg)



n = 30
Slope = -0.0001401
units per year.
Mann-Kendall
statistic = -43
critical = -146
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

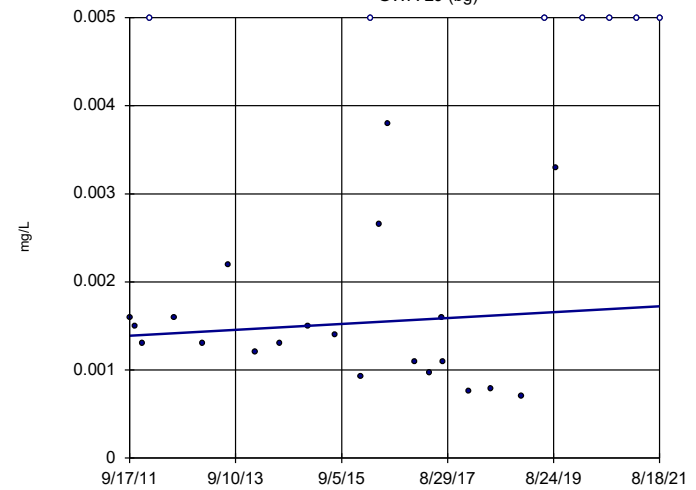
Sen's Slope Estimator
GWA-28 (bg)



n = 30
Slope = 0
units per year.
Mann-Kendall
statistic = 55
critical = 146
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

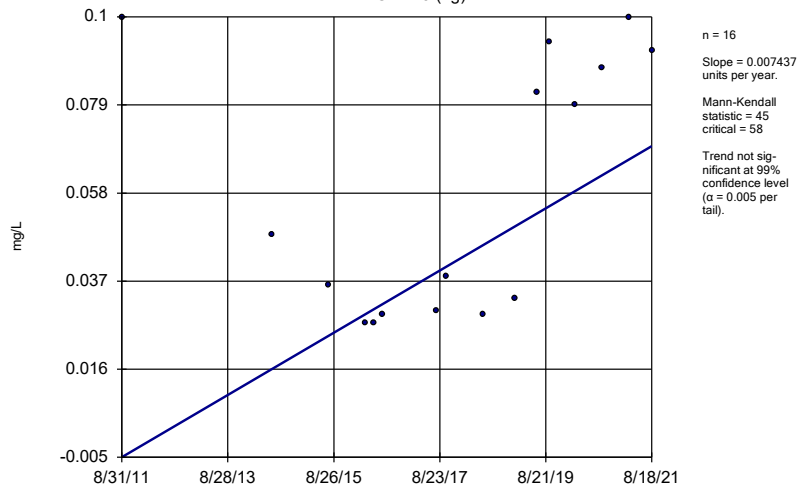
Sen's Slope Estimator
GWA-29 (bg)



n = 28
Slope = 0.00003351
units per year.
Mann-Kendall
statistic = 33
critical = 131
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

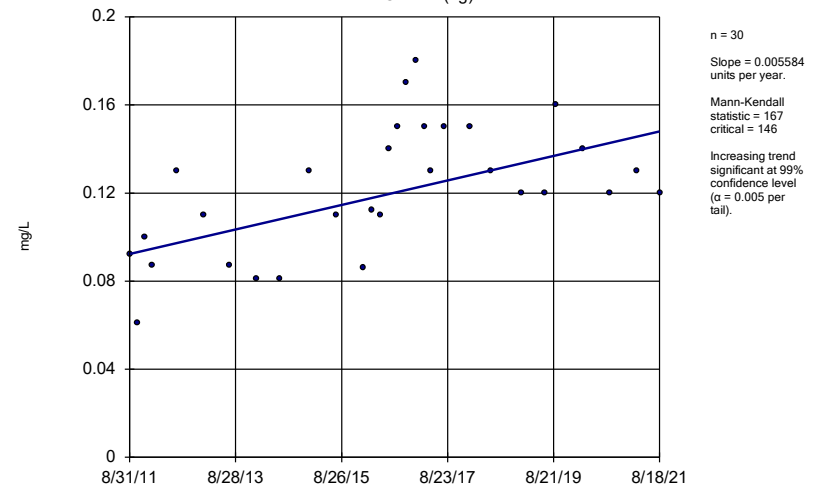
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



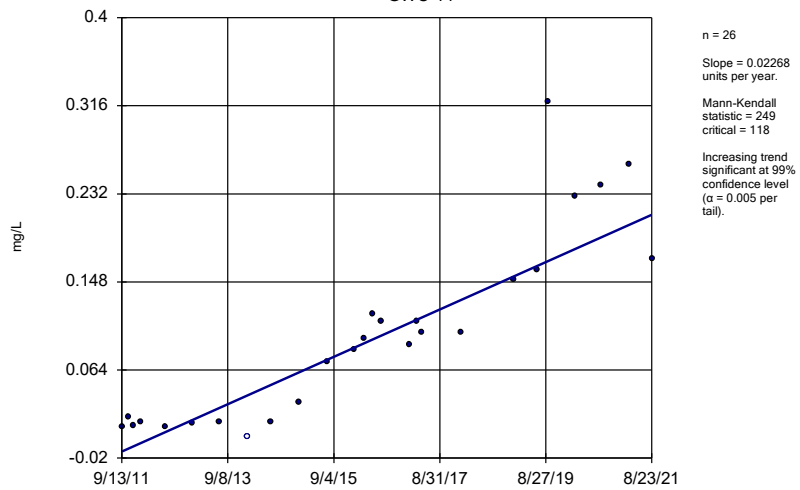
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-4 (bg)



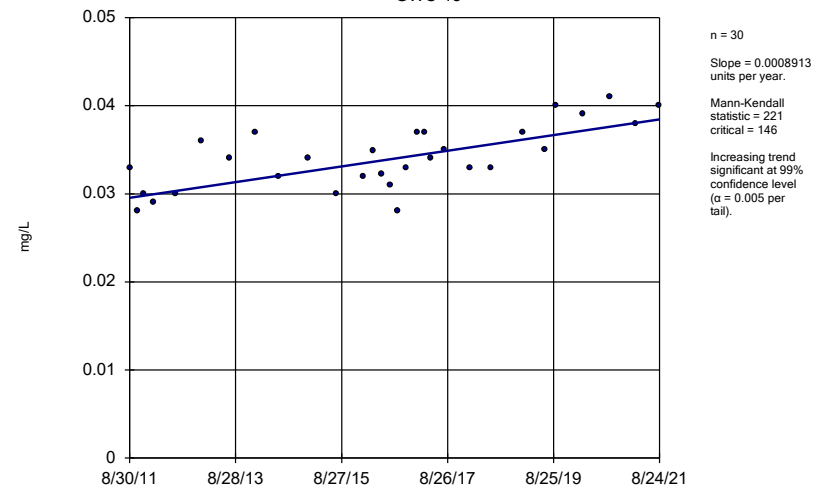
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-14



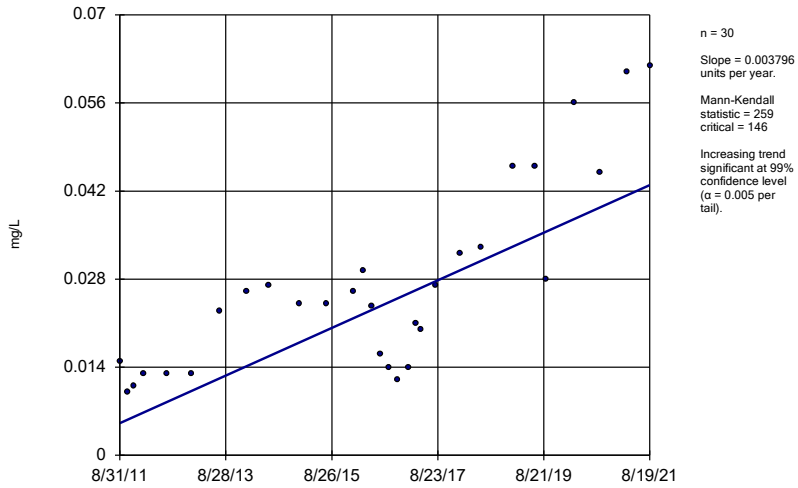
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-18



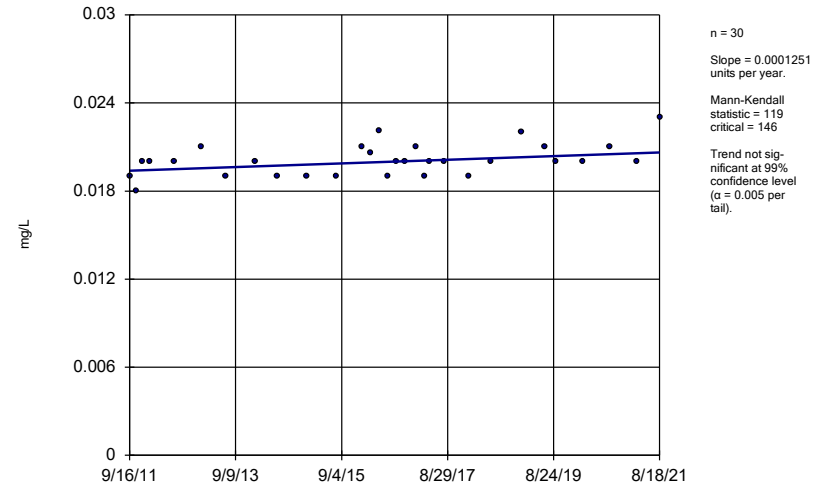
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-21



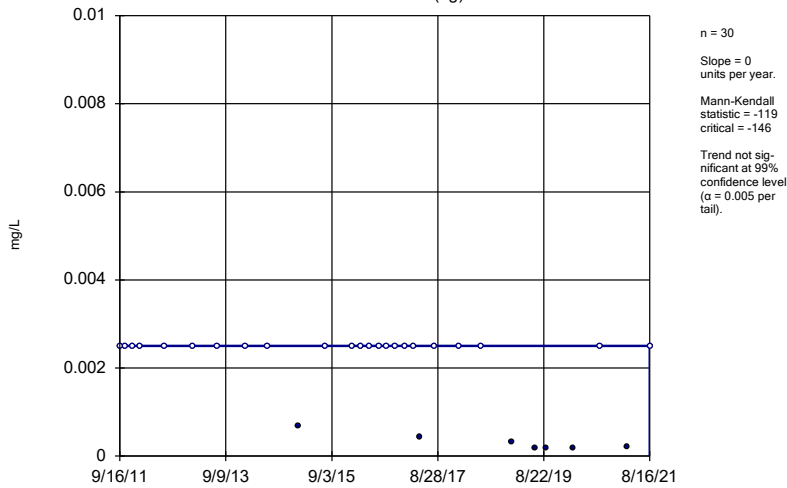
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-35



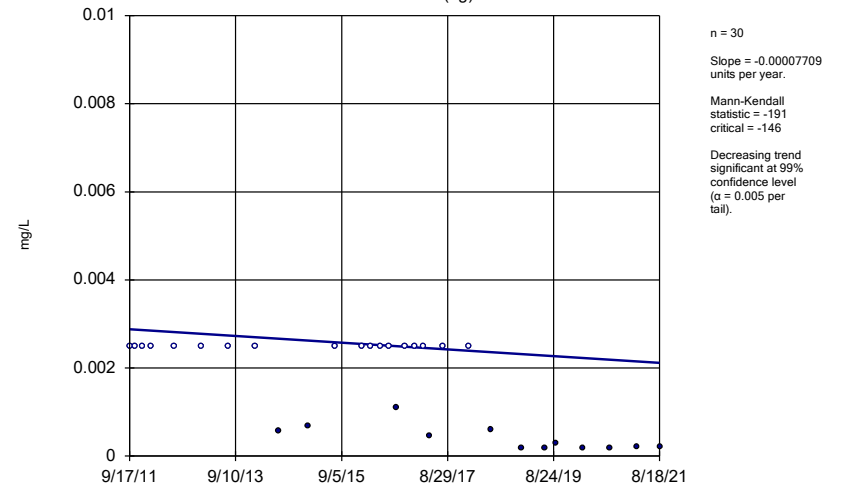
Constituent: Barium Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-1 (bg)



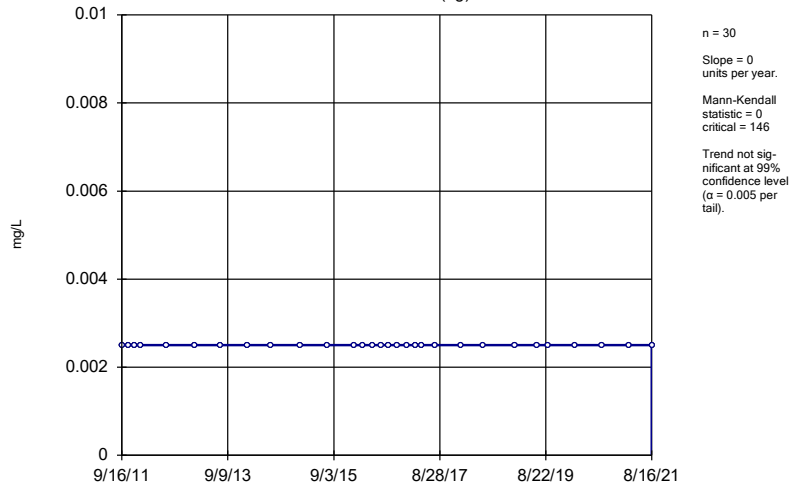
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-2 (bg)



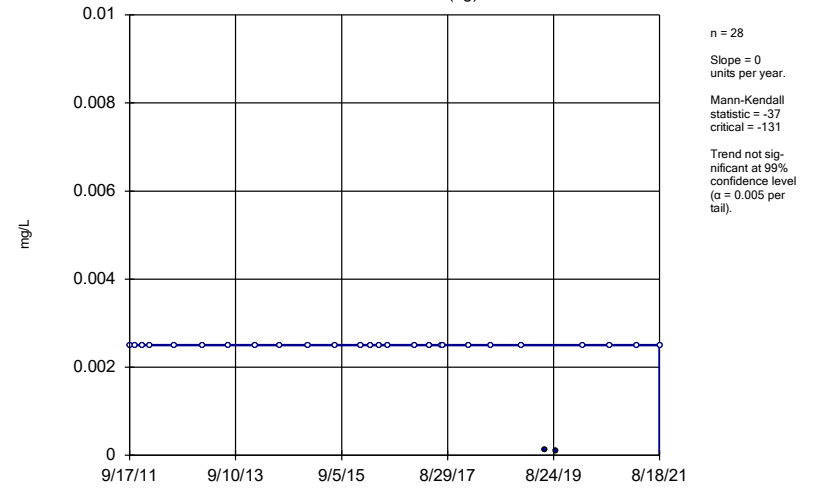
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-28 (bg)



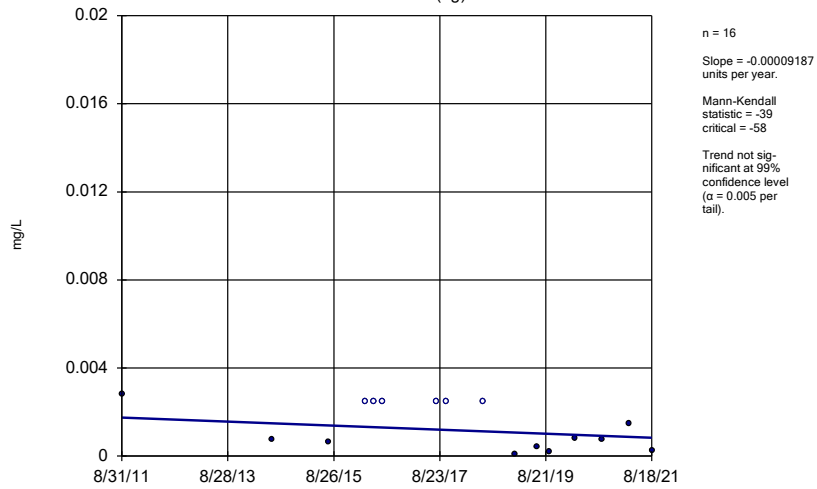
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-29 (bg)



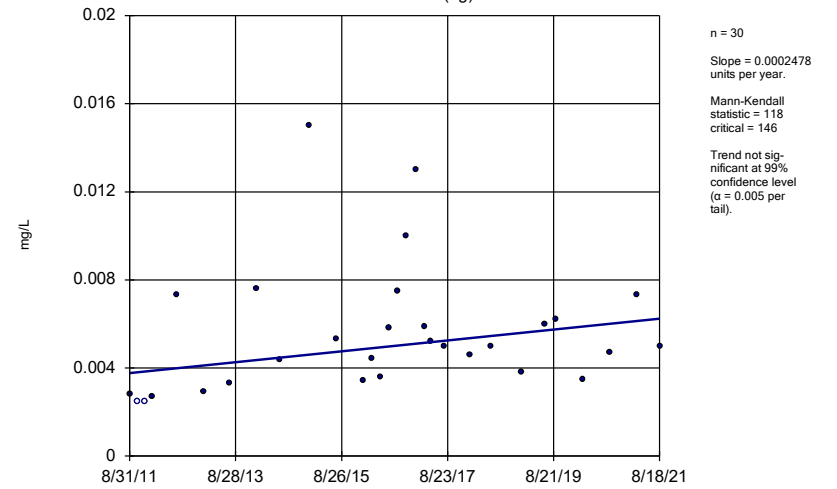
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



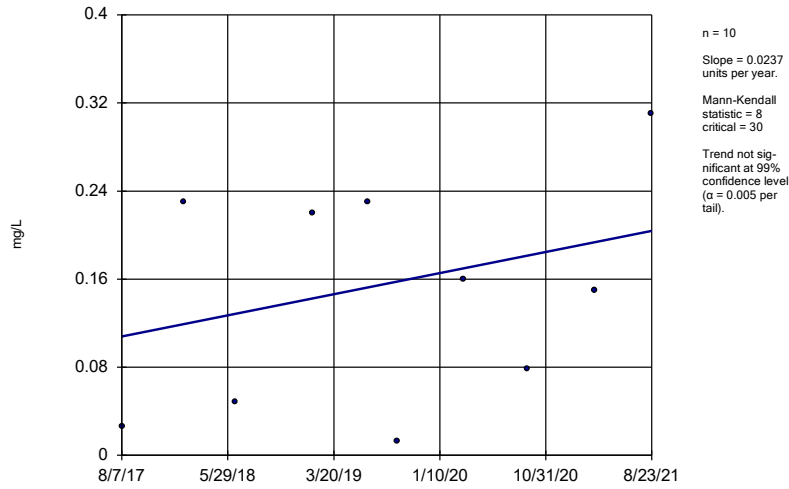
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-4 (bg)



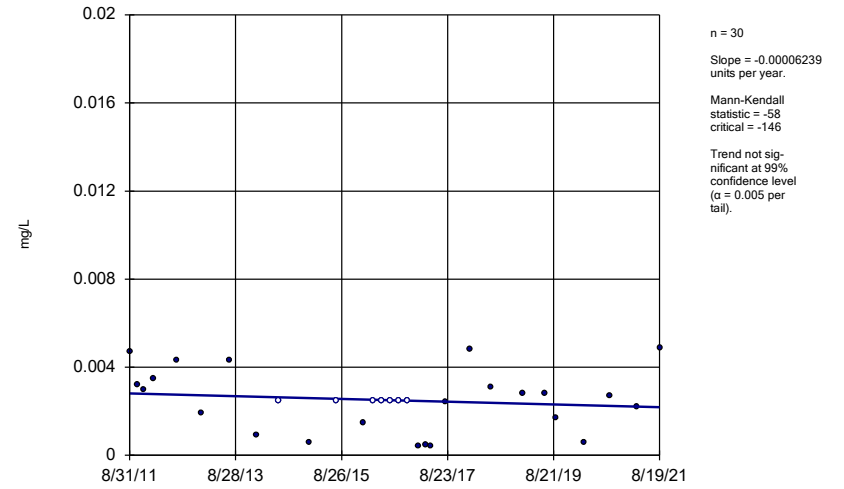
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-14



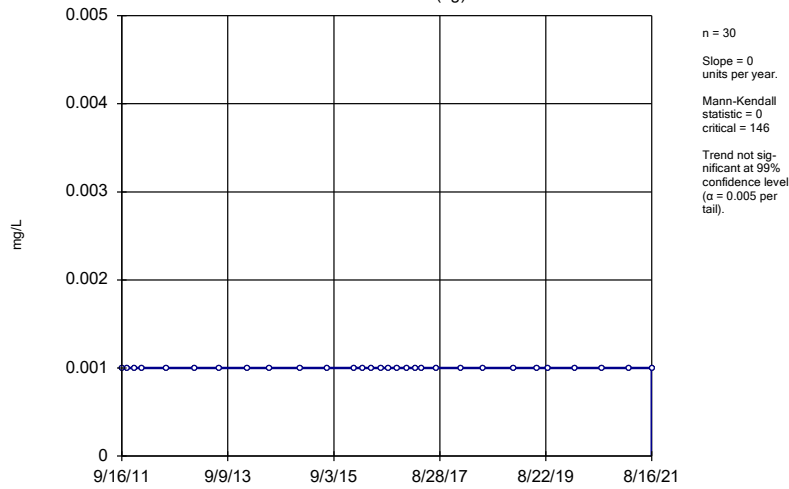
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-21



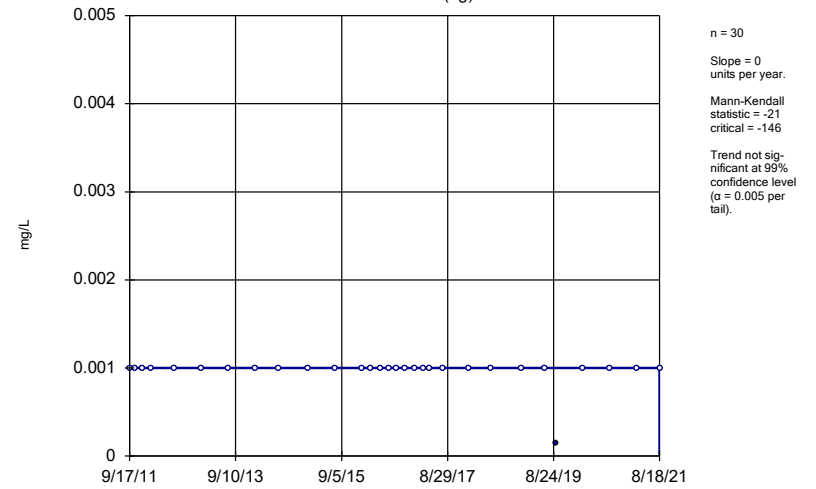
Constituent: Cobalt Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-1 (bg)



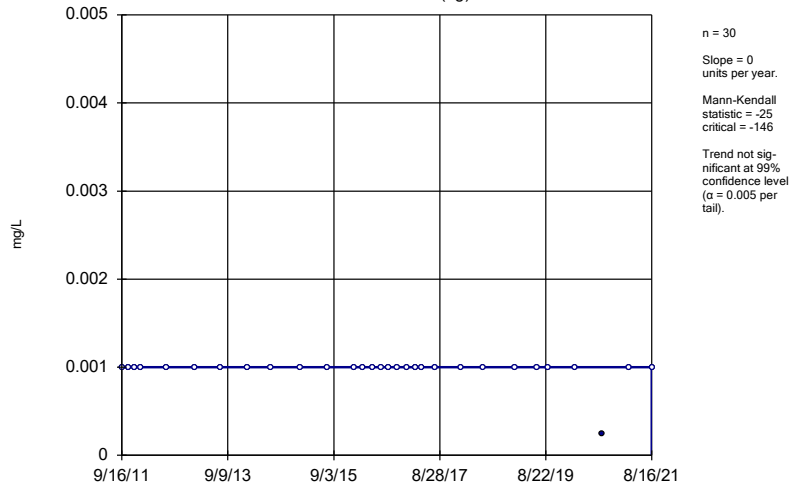
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-2 (bg)



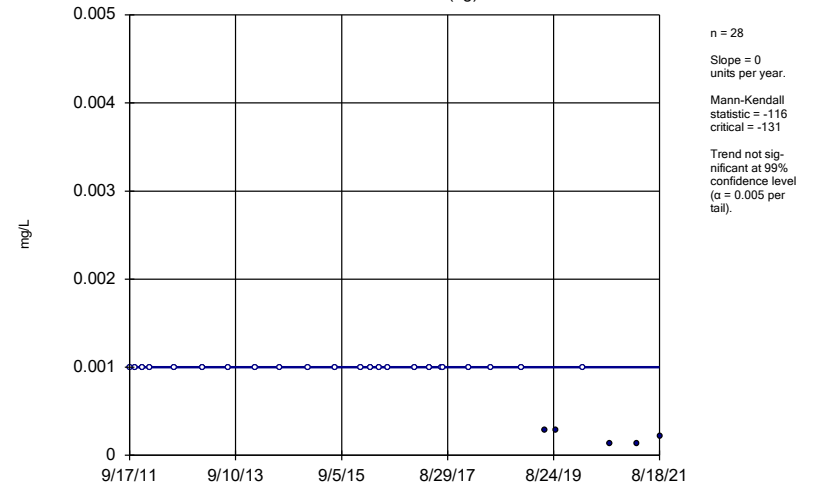
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-28 (bg)



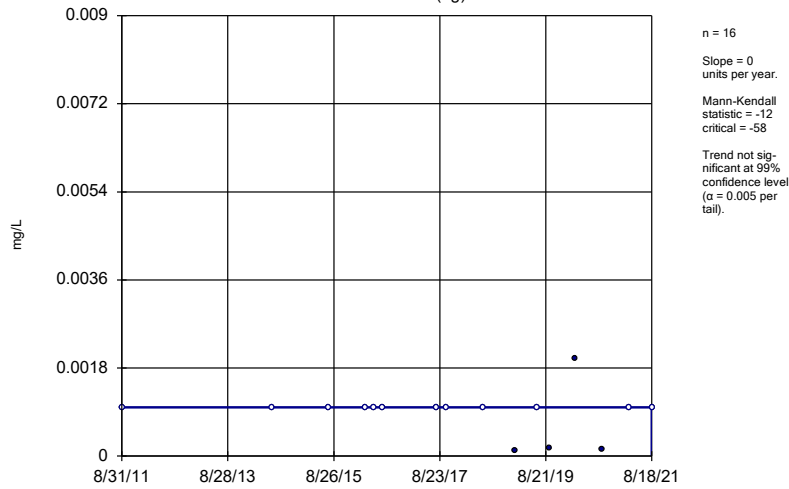
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



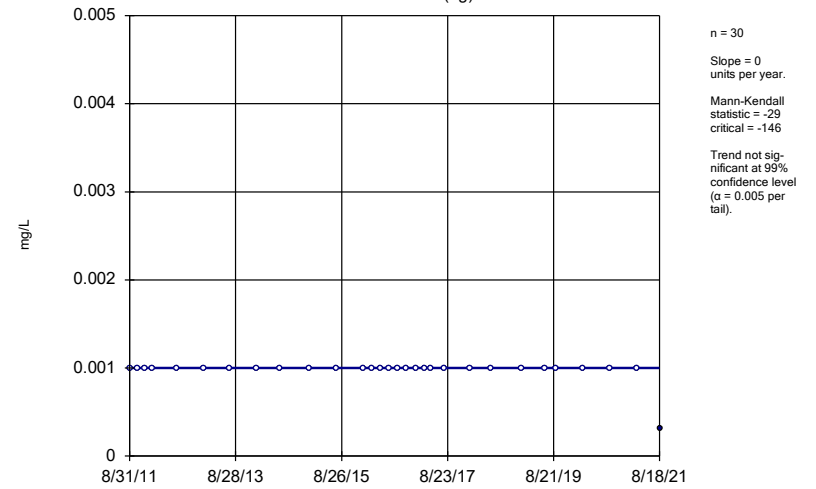
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



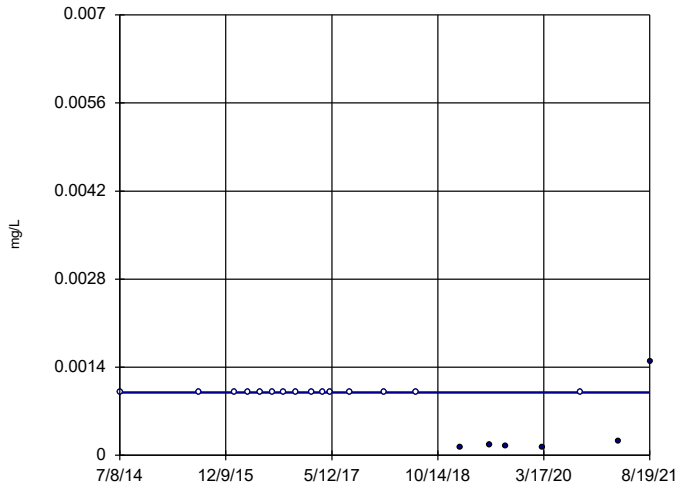
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



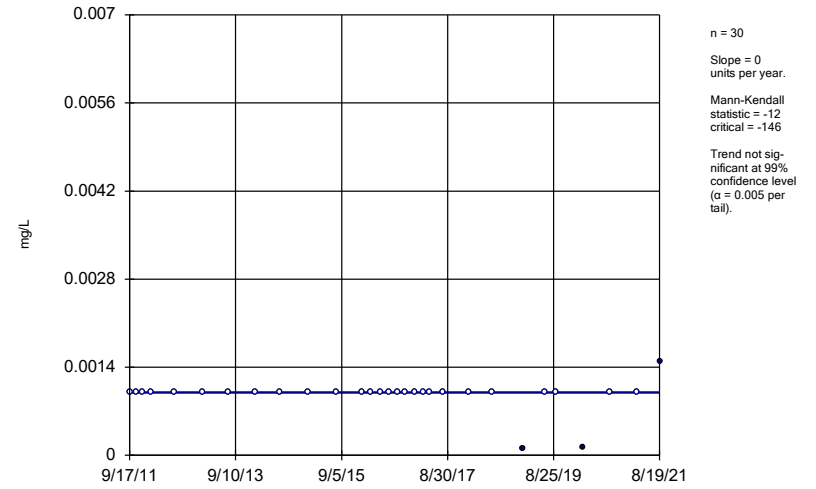
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-24



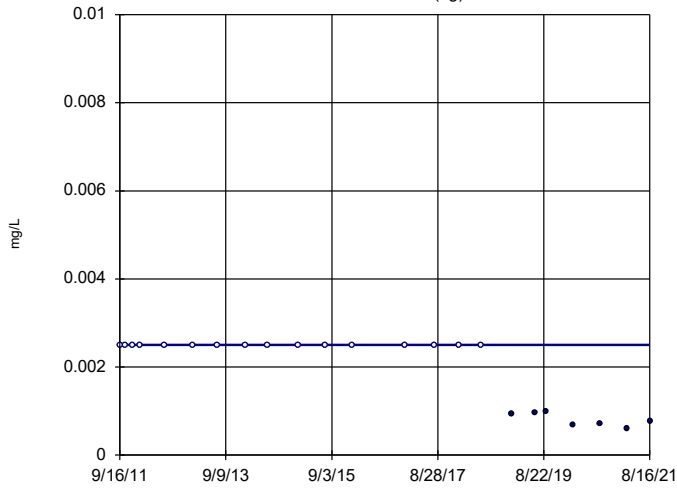
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-26



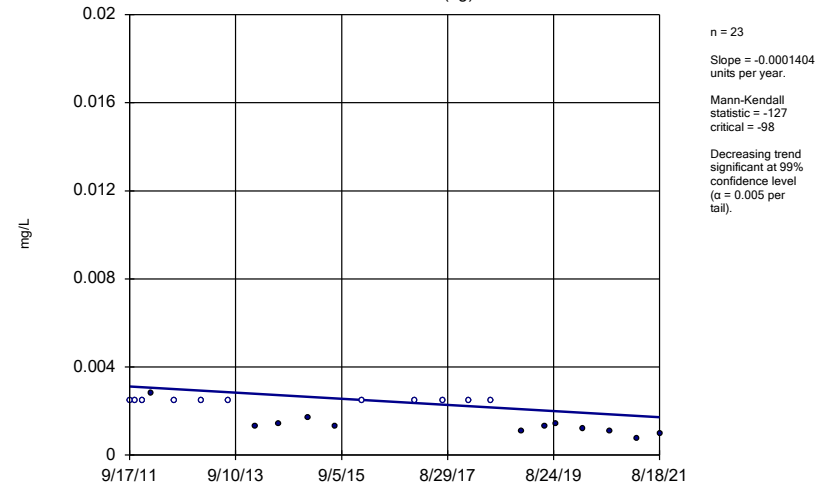
Constituent: Lead Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-1 (bg)



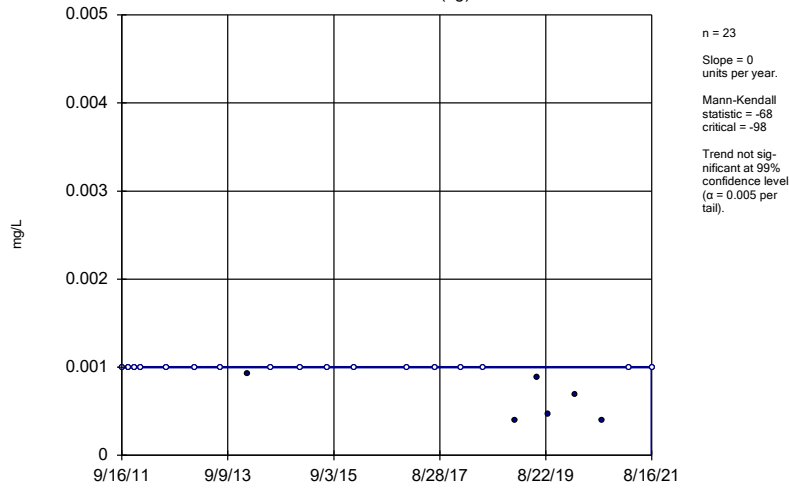
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-2 (bg)



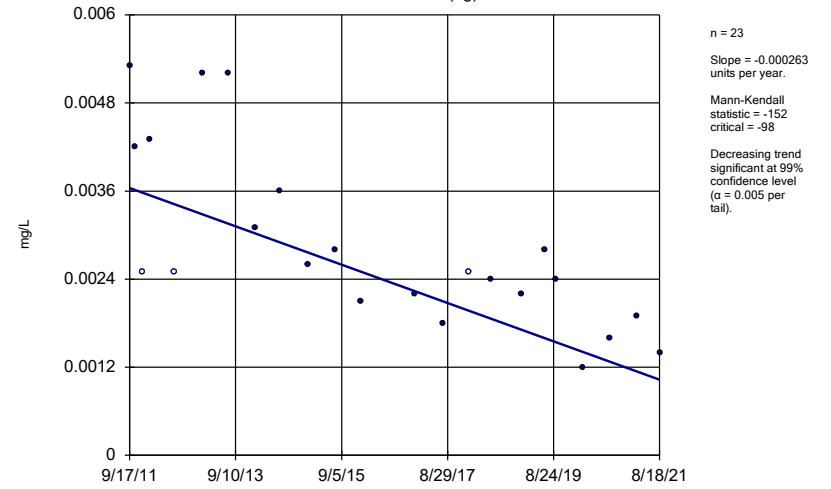
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-28 (bg)



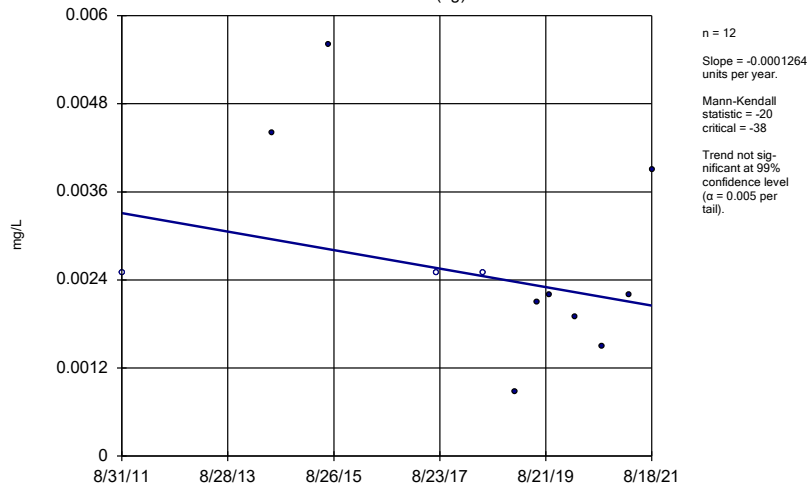
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-29 (bg)



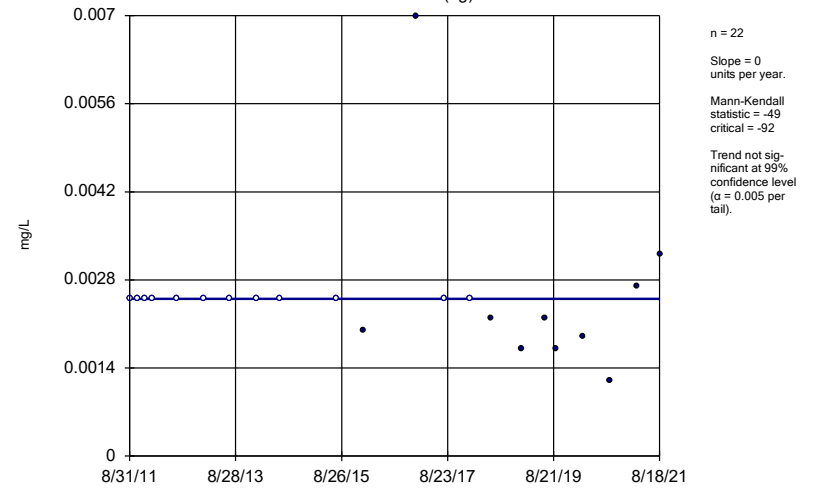
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)



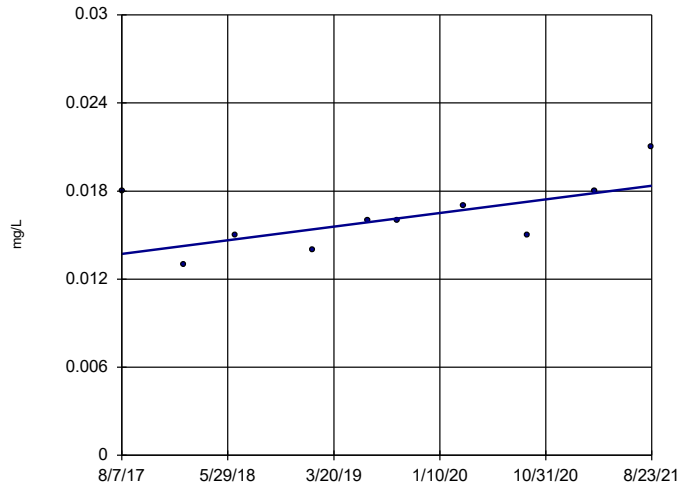
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-4 (bg)



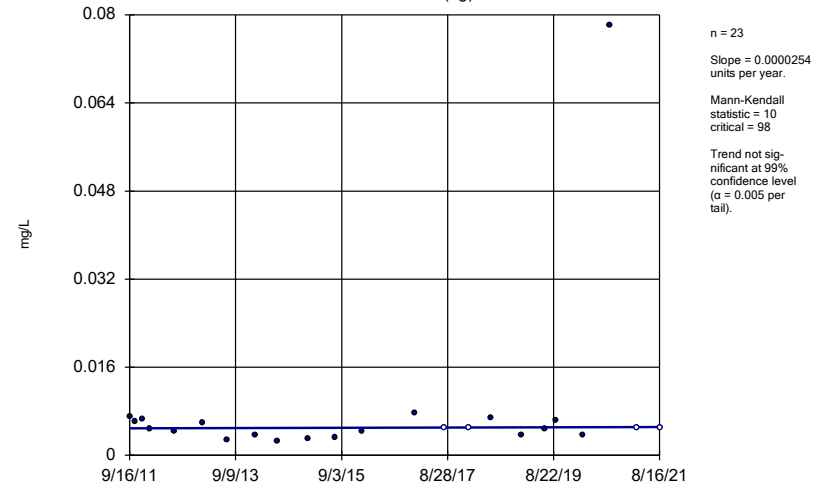
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWC-14



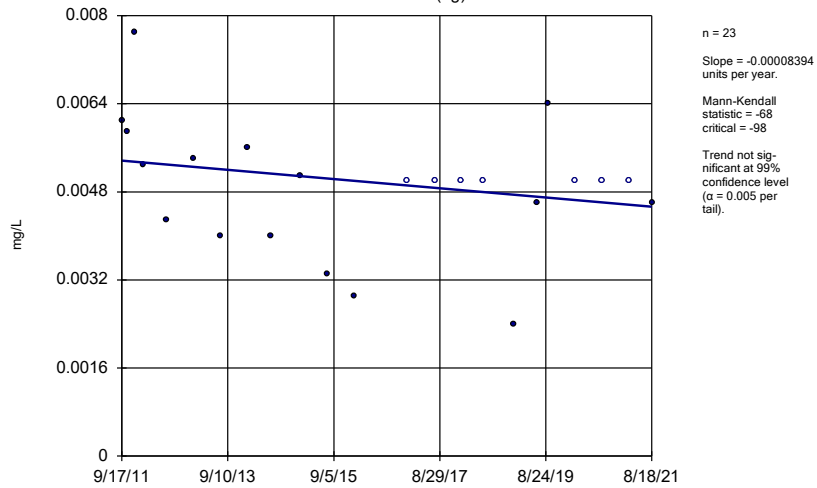
Constituent: Nickel Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-1 (bg)



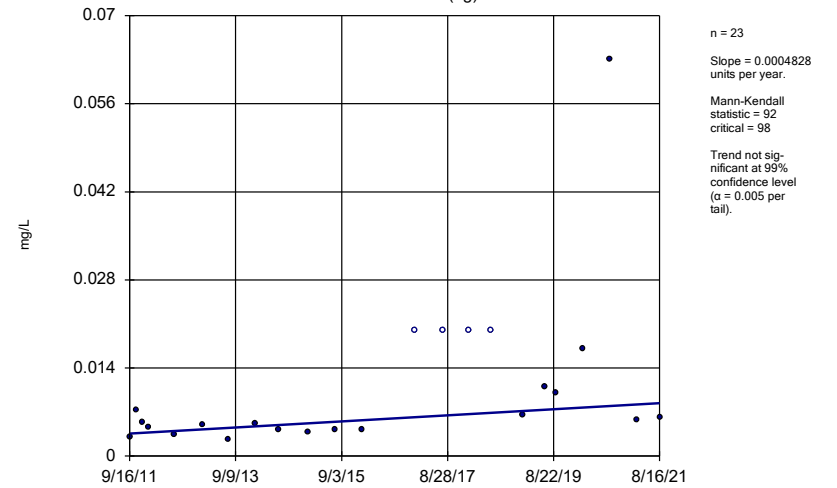
Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-2 (bg)



Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

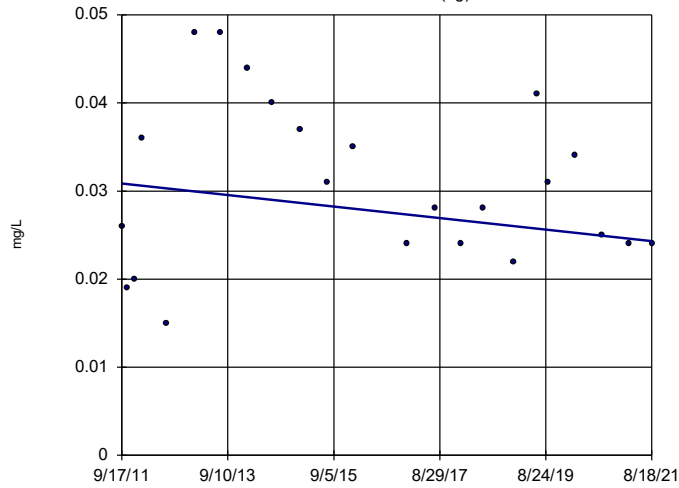
Sen's Slope Estimator
GWA-28 (bg)



Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWA-29 (bg)

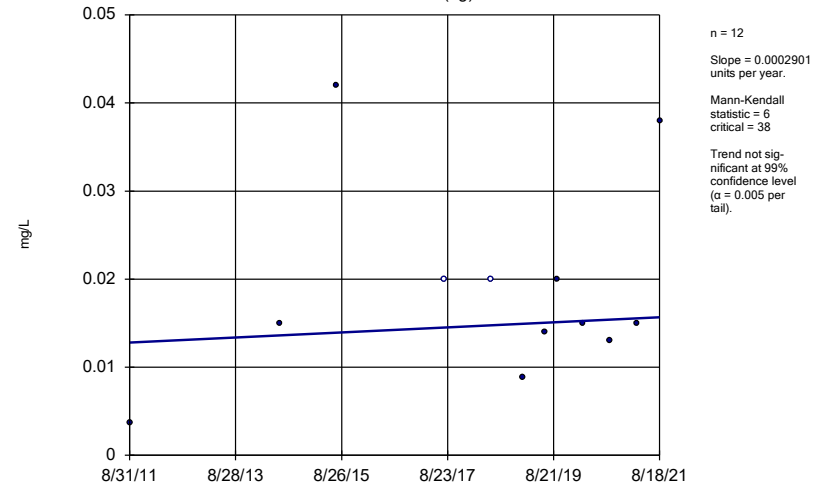


Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3 (bg)

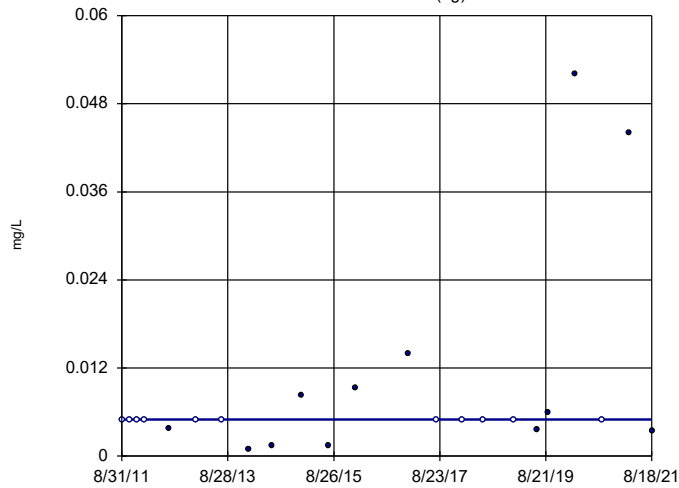


Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4 (bg)

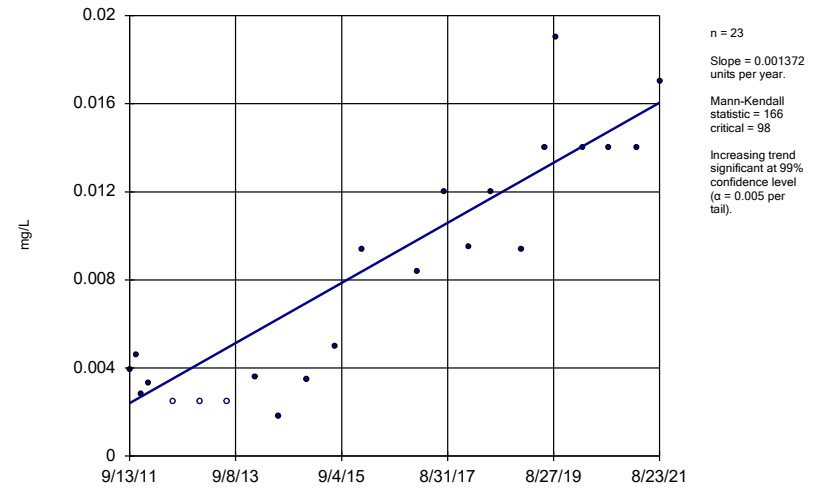


Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Sen's Slope Estimator

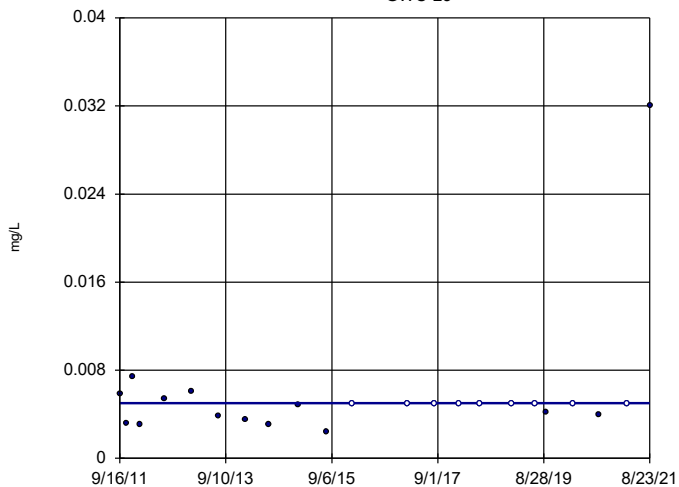
GWC-14



Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWC-23

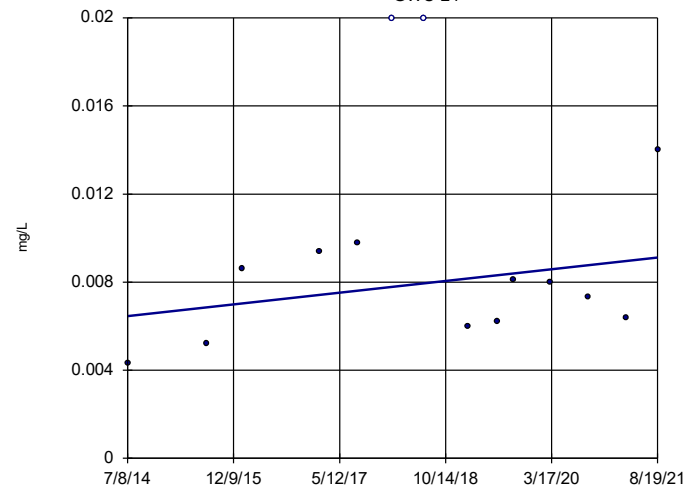


n = 23
Slope = 0
units per year.
Mann-Kendall
statistic = 18
critical = 98
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWC-24



n = 14
Slope = 0.000372
units per year.
Mann-Kendall
statistic = 14
critical = 48
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Zinc Analysis Run 10/11/2021 1:49 PM View: State Parameters - Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

FIGURE H.

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-12	28.54	n/a	8/19/2021	33	Yes	15	22.2	2.238	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	1	n/a	8/19/2021	1.2	Yes	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWA-1	5.838	4.925	8/16/2021	5.48	No	16	5.381	0.1652	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-2	6.045	5.368	8/18/2021	5.58	No	15	5.707	0.1195	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-28	6.785	5.444	8/16/2021	6.21	No	16	6.115	0.2427	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-29	6.445	5.77	8/18/2021	5.79	No	14	n/a	n/a	0	n/a	n/a	0.01722	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWA-3	7.59	4.499	8/18/2021	5.32	No	8	6.044	0.4045	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-4	6.653	5.891	8/18/2021	6.22	No	14	6.272	0.1312	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-10	7.324	4.942	8/20/2021	5.68	No	14	6.133	0.4097	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-11	6.6	5.622	8/23/2021	6.02	No	16	6.111	0.1772	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-12	7.903	6.27	8/19/2021	7.26	No	15	20261	3730	0	None	x*5	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-13	7.566	6.52	8/23/2021	6.52	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-14	6.469	4.507	8/23/2021	5.48	No	16	5.488	0.3552	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-15	7.24	6.43	8/24/2021	6.43	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-16	6.396	5.806	8/20/2021	5.98	No	14	6.101	0.1015	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-17	6.484	5.944	8/20/2021	6.05	No	15	6.214	0.09511	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-18	6.25	5.664	8/24/2021	5.9	No	14	5.957	0.1008	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-19	6.356	5.555	8/24/2021	5.78	No	15	5.955	0.1414	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-20	7.121	6.08	8/24/2021	6.17	No	14	n/a	n/a	0	n/a	n/a	0.01722	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-21	6.575	5.35	8/19/2021	5.54	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-22	6.94	6.246	8/19/2021	6.58	No	15	6.593	0.1223	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-23	7.295	4.87	8/23/2021	5.9	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-24	7.624	3.985	8/19/2021	5.1	No	14	5.804	0.6258	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-25	7.45	4.89	8/19/2021	5.97	No	17	6.17	0.4699	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-26	6.038	5.58	8/19/2021	5.69	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-27	6.056	5.119	8/23/2021	5.35	No	16	5.588	0.1696	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-30	6.78	5.9	8/23/2021	5.96	No	16	n/a	n/a	0	n/a	n/a	0.01291	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-31	6.536	5.691	8/25/2021	6.01	No	14	6.113	0.1454	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-32	6.432	5.857	8/24/2021	6.12	No	14	6.144	0.09892	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-33	7.005	5.744	8/24/2021	6.32	No	16	6.375	0.2283	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-34	6.622	5.289	8/24/2021	5.93	No	16	5.956	0.2414	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-35	6.32	5.19	8/18/2021	5.53	No	16	n/a	n/a	0	n/a	n/a	0.01291	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-5	7.05	6.15	8/19/2021	6.42	No	15	n/a	n/a	0	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-6	6.569	5.49	8/18/2021	5.9	No	15	6.03	0.1904	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-7	6.598	6.104	8/19/2021	6.38	No	15	6.351	0.08699	0	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-8	6.647	5.507	8/20/2021	5.91	No	16	2.462	0.04189	0	None	sqrt(x)	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-9	6.393	5.329	8/25/2021	5.55	No	14	5.861	0.183	0	None	No	0.0001297	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-1	1	n/a	8/16/2021	1ND	No	15	n/a	n/a	93.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWA-2	3.105	n/a	8/18/2021	0.9J	No	15	1.08	0.2406	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-28	2.189	n/a	8/16/2021	1.1	No	15	1.244	0.3334	6.667	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-29	26	n/a	8/18/2021	6.7	No	14	n/a	n/a	0	n/a	n/a	0.008612	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWA-3	342.8	n/a	8/18/2021	51	No	8	92.09	65.61	12.5	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-4	15	n/a	8/18/2021	9.7	No	15	n/a	n/a	0	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-10	56.03	n/a	8/20/2021	10	No	15	27.94	9.91	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-11	1.5	n/a	8/23/2021	1ND	No	14	n/a	n/a	78.57	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-12	28.54	n/a	8/19/2021	33	Yes	15	22.2	2.238	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-13	3.195	n/a	8/23/2021	2	No	15	2.597	0.2111	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-14	40.18	n/a	8/23/2021	8.6	No	15	3.761	0.9091	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-15	2.613	n/a	8/24/2021	2	No	15	1.509	0.3894	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-16	1	n/a	8/20/2021	1	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-17	1.1	n/a	8/20/2021	1.1	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-18	1	n/a	8/24/2021	0.89J	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-19	3.072	n/a	8/24/2021	2.5	No	14	0.9401	0.2795	35.71	Kaplan-Meier	sqrt(x)	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-20	1.44	n/a	8/24/2021	0.88J	No	15	0.963	0.1684	6.667	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-21	1	n/a	8/19/2021	1ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	1	n/a	8/19/2021	1.2	Yes	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2

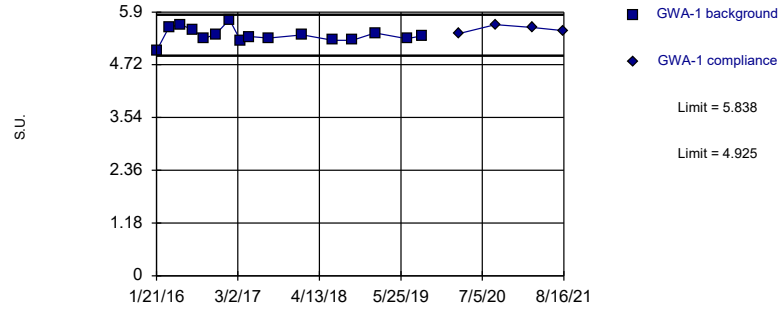
Appendix III - Intrawell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate as SO4 (mg/L)	GWC-23	1	n/a	8/23/2021	1ND	No	15	n/a	n/a	66.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-24	1.019	n/a	8/19/2021	0.77J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-25	36.07	n/a	8/19/2021	7.2	No	15	12.5	8.315	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-26	1	n/a	8/19/2021	0.82J	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-27	4.306	n/a	8/23/2021	0.78J	No	15	1.723	0.9113	6.667	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-30	1.726	n/a	8/23/2021	1.2	No	15	1.252	0.1671	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-31	25.74	n/a	8/25/2021	12	No	10	14.8	3.29	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-32	15.43	n/a	8/24/2021	10	No	15	10.75	1.652	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-33	35.66	n/a	8/24/2021	8.1	No	14	17.78	6.15	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-34	2.085	n/a	8/24/2021	1.4	No	15	1.535	0.1943	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-35	3.131	n/a	8/18/2021	2.7	No	15	2.587	0.1918	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-5	44.19	n/a	8/19/2021	29	No	8	28.38	4.138	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-6	19.26	n/a	8/18/2021	13	No	15	12.52	2.376	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-7	110.2	n/a	8/19/2021	45	No	14	72.49	12.97	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-8	39.53	n/a	8/20/2021	17	No	14	18.2	7.338	0	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-9	44.53	n/a	8/25/2021	14	No	15	4.276	0.8455	0	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-1	37.94	n/a	8/16/2021	15	No	15	11.75	9.238	33.33	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-2	92.29	n/a	8/18/2021	50	No	15	32.6	21.06	20	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-28	120.8	n/a	8/16/2021	50	No	15	64.33	19.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-29	160.7	n/a	8/18/2021	76	No	14	77.64	28.56	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-3	678.9	n/a	8/18/2021	170	No	8	230.1	117.4	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWA-4	213	n/a	8/18/2021	150	No	15	158.3	19.31	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-10	333.5	n/a	8/20/2021	140	No	15	162.4	60.37	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-11	327.2	n/a	8/23/2021	190	No	15	156.1	60.36	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-12	268	n/a	8/19/2021	240	No	15	179.7	31.13	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-13	99.82	n/a	8/23/2021	56	No	15	50.4	17.43	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-14	616.8	n/a	8/23/2021	290	No	15	286.5	116.5	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-15	123.5	n/a	8/24/2021	80	No	15	78.47	15.87	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-16	151.5	n/a	8/20/2021	83	No	15	72.07	28.01	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-17	156.3	n/a	8/20/2021	98	No	15	90.53	23.22	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-18	113.6	n/a	8/24/2021	99	No	15	71.33	14.9	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-19	128.1	n/a	8/24/2021	85	No	15	61.67	23.44	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-20	129.9	n/a	8/24/2021	96	No	15	89.6	14.21	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-21	85.2	n/a	8/19/2021	84	No	15	44.2	14.46	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-22	128.7	n/a	8/19/2021	120	No	15	1016498	393346	6.667	None	x^3	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-23	161.4	n/a	8/23/2021	47	No	15	6.093	2.333	6.667	None	sqrt(x)	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-24	50.35	n/a	8/19/2021	30	No	15	22.87	9.694	13.33	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-25	137	n/a	8/19/2021	81	No	15	81.07	19.73	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-26	103.8	n/a	8/19/2021	50	No	15	37.23	23.48	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-27	85.23	n/a	8/23/2021	30	No	15	33.22	18.35	20	Kaplan-Meier	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-30	89.5	n/a	8/23/2021	54	No	15	41.2	17.04	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-31	193.9	n/a	8/25/2021	110	No	10	110.4	25.14	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-32	146.6	n/a	8/24/2021	94	No	15	87.33	20.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-33	174.3	n/a	8/24/2021	100	No	15	104.5	24.61	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-34	119.4	n/a	8/24/2021	44	No	15	42.87	27.01	13.33	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-35	78.7	n/a	8/18/2021	50	No	15	33.57	15.92	6.667	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-5	287.7	n/a	8/19/2021	220	No	15	176.1	39.38	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-6	198.6	n/a	8/18/2021	140	No	15	110.9	30.91	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-7	569.1	n/a	8/19/2021	380	No	15	433.4	47.88	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-8	304.7	n/a	8/20/2021	170	No	15	177.2	44.99	0	None	No	0.0002595	Param Intra 1 of 2
Total Dissolved Solids [TDS] (mg/L)	GWC-9	370	n/a	8/25/2021	130	No	15	177.5	67.9	0	None	No	0.0002595	Param Intra 1 of 2

Within Limits

Prediction Limit
Intrawell Parametric

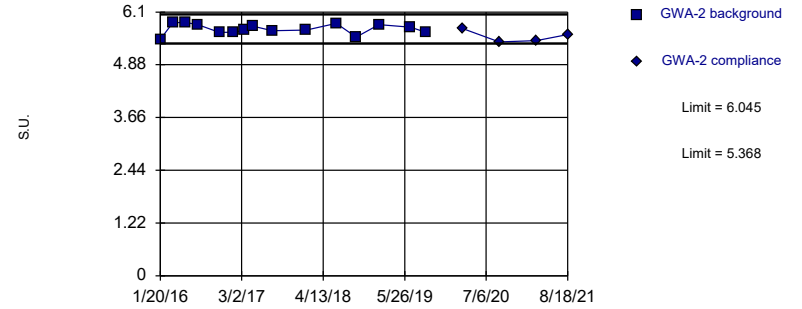


Background Data Summary: Mean=5.381, Std. Dev.=0.1652, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

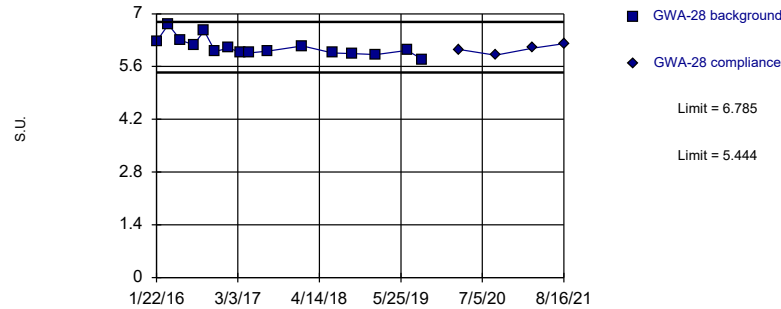


Background Data Summary: Mean=5.707, Std. Dev.=0.1195, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9336, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

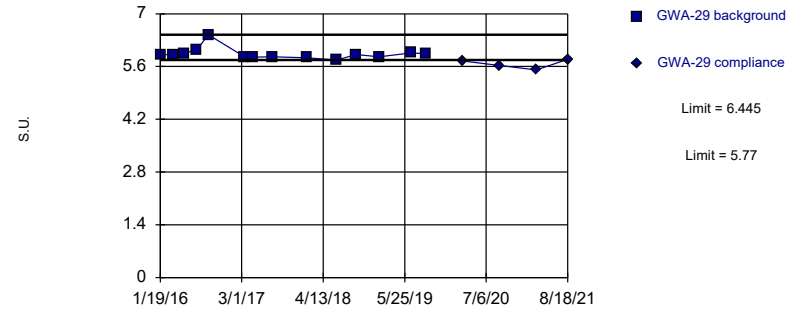


Background Data Summary: Mean=6.115, Std. Dev.=0.2427, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

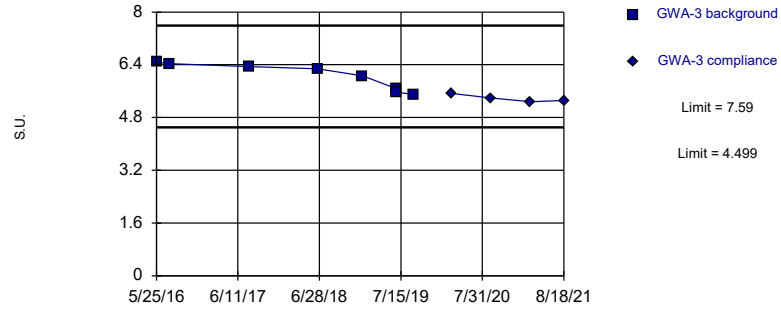


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

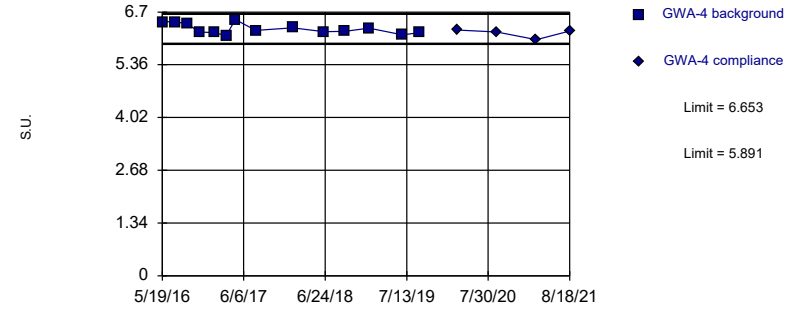


Background Data Summary: Mean=6.044, Std. Dev.=0.4045, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8696, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

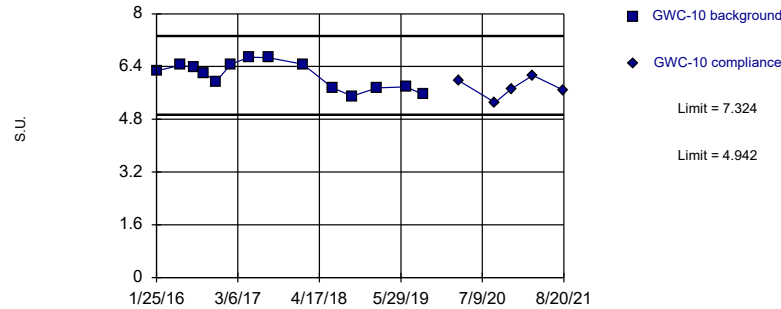


Background Data Summary: Mean=6.272, Std. Dev.=0.1312, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

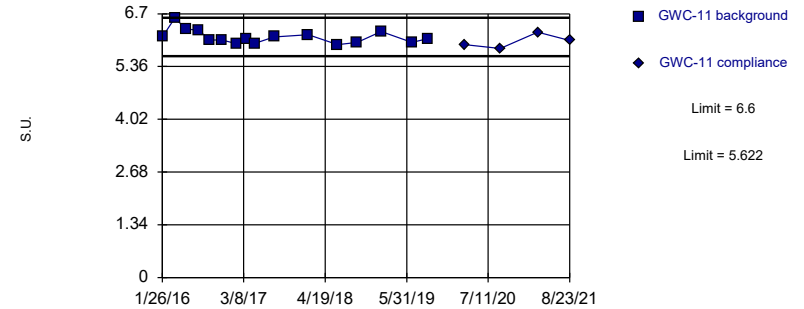


Background Data Summary: Mean=6.133, Std. Dev.=0.4097, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9179, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

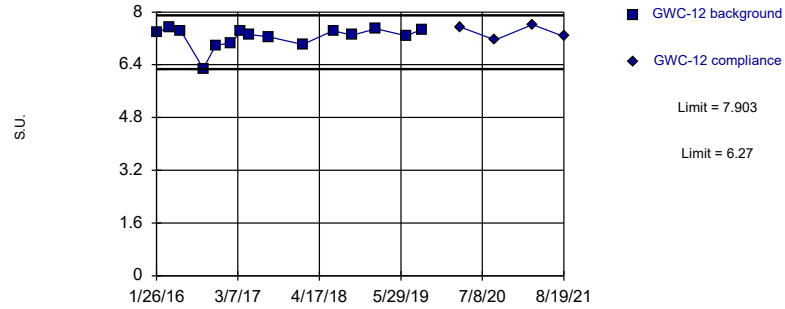


Background Data Summary: Mean=6.111, Std. Dev.=0.1772, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8741, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

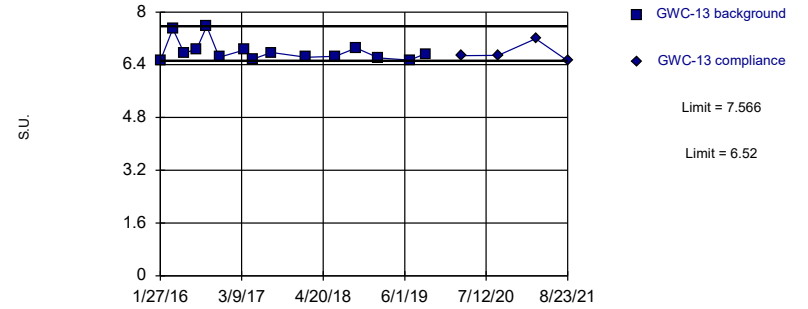


Background Data Summary (based on x^5 transformation): Mean=20261, Std. Dev.=3730, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8398, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

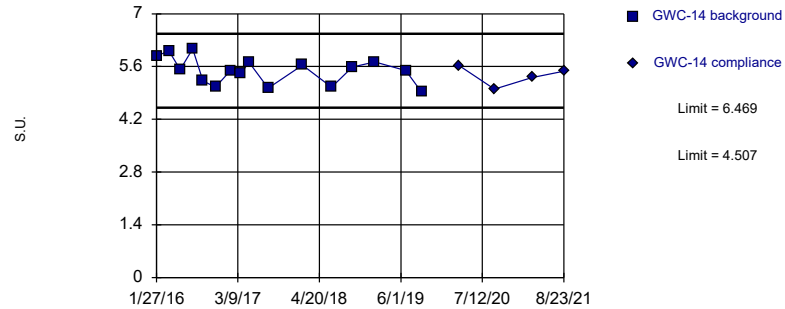


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

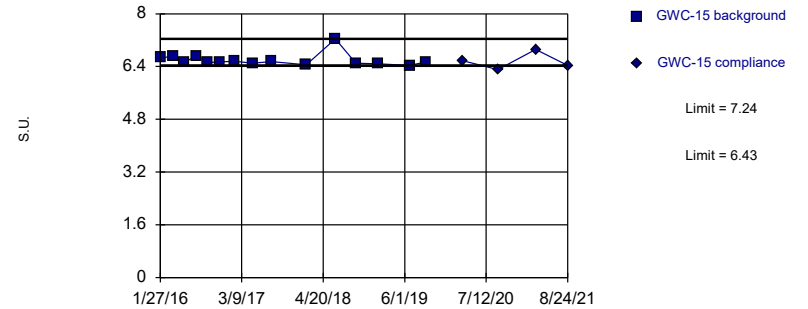


Background Data Summary: Mean=5.488, Std. Dev.=0.3552, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

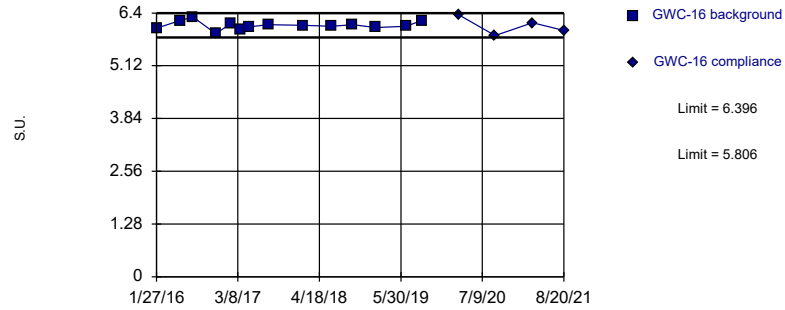


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

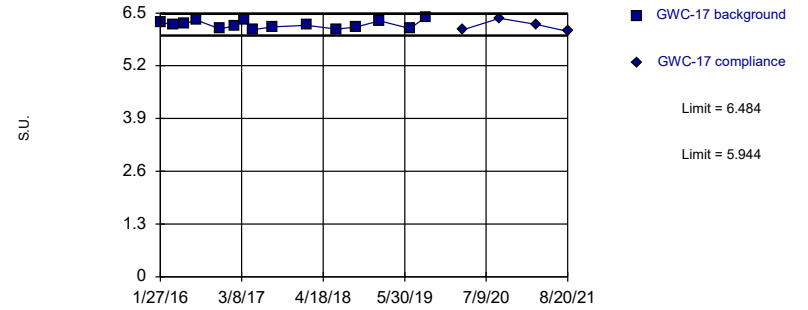


Background Data Summary: Mean=6.101, Std. Dev.=0.1015, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:10 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

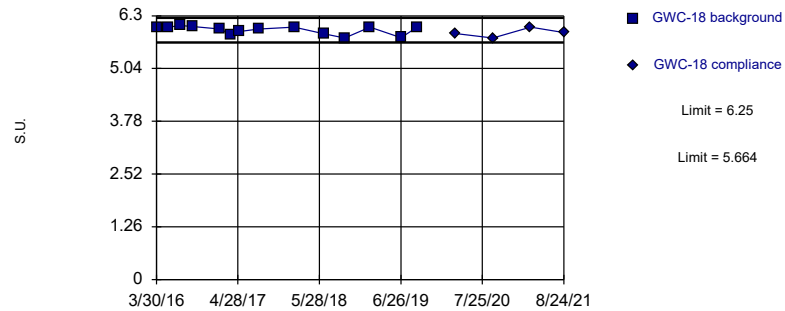


Background Data Summary: Mean=6.214, Std. Dev.=0.09511, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

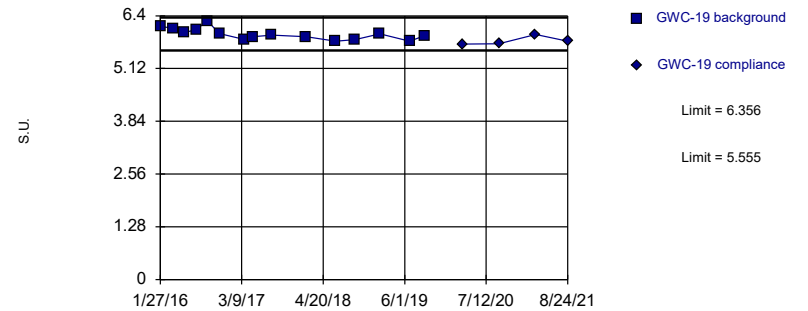


Background Data Summary: Mean=5.957, Std. Dev.=0.1008, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit Intrawell Parametric

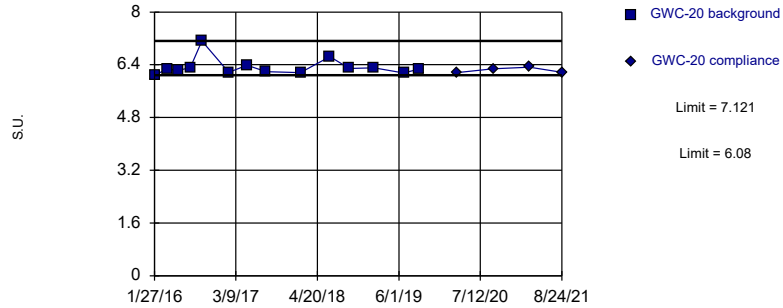


Background Data Summary: Mean=5.955, Std. Dev.=0.1414, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

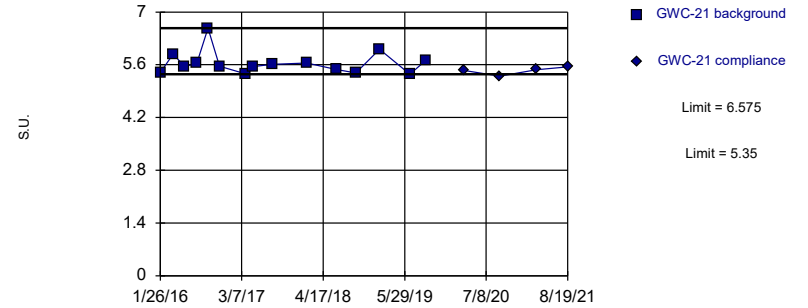


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

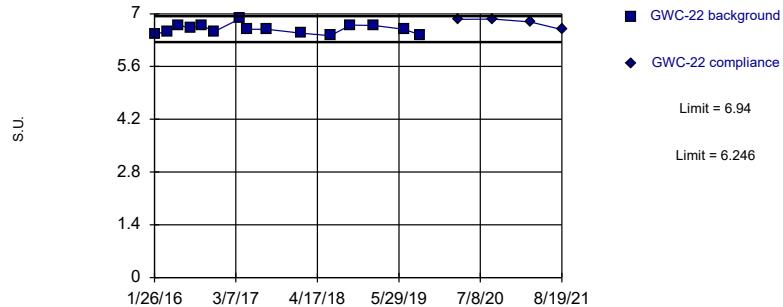


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

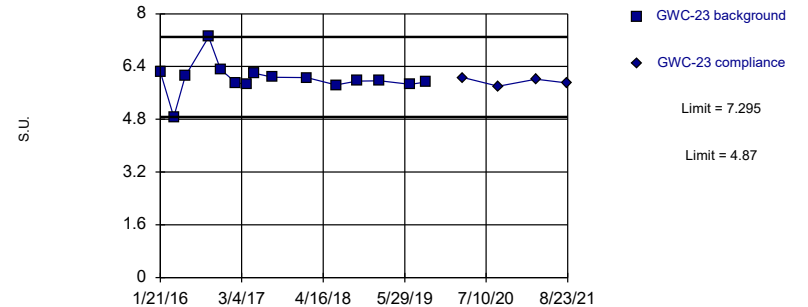


Background Data Summary: Mean=6.593, Std. Dev.=0.1223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9466, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

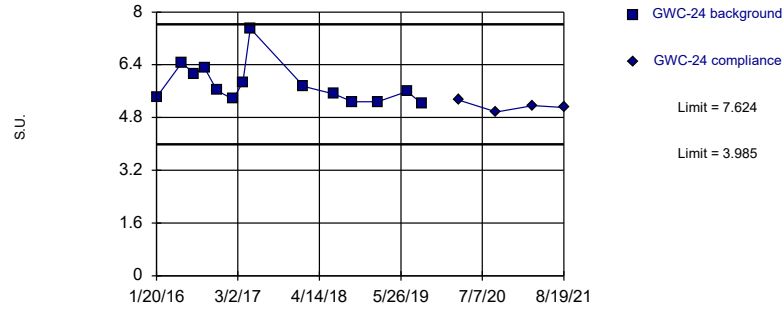


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

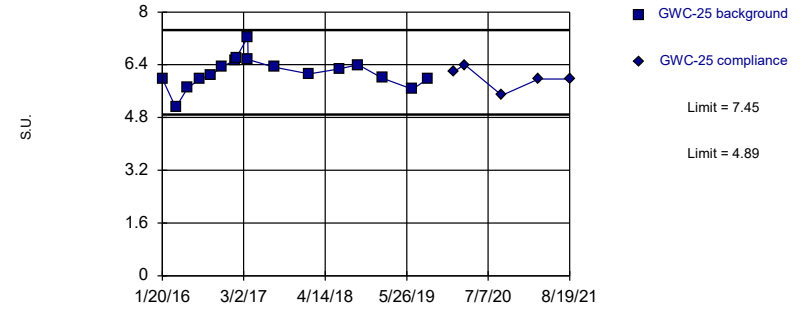


Background Data Summary: Mean=5.804, Std. Dev.=0.6258, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8325, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

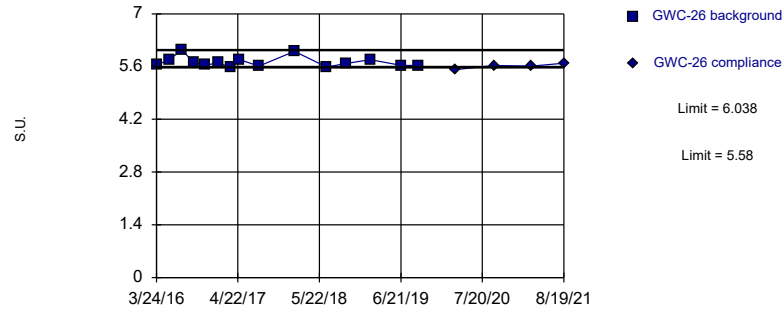


Background Data Summary: Mean=6.17, Std. Dev.=0.4699, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.959, critical = 0.851. Kappa = 2.724 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

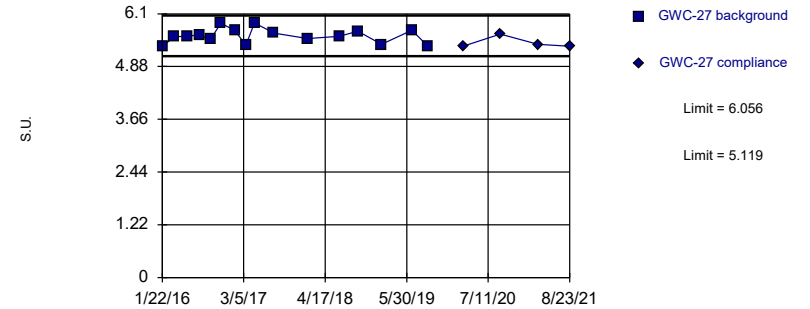


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

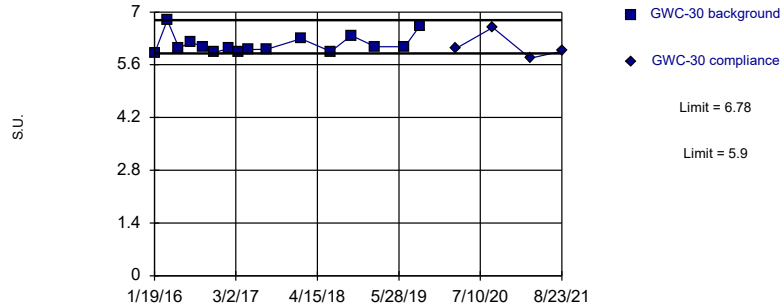


Background Data Summary: Mean=5.588, Std. Dev.=0.1696, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

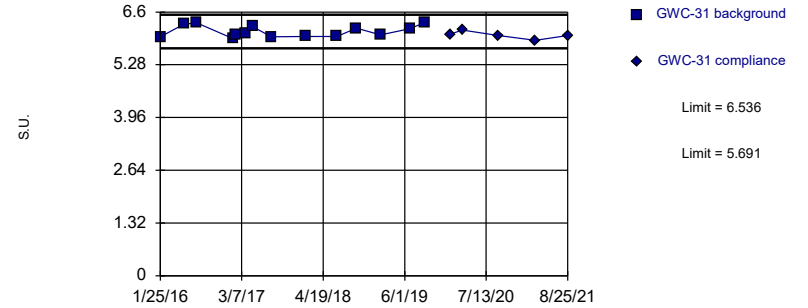


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

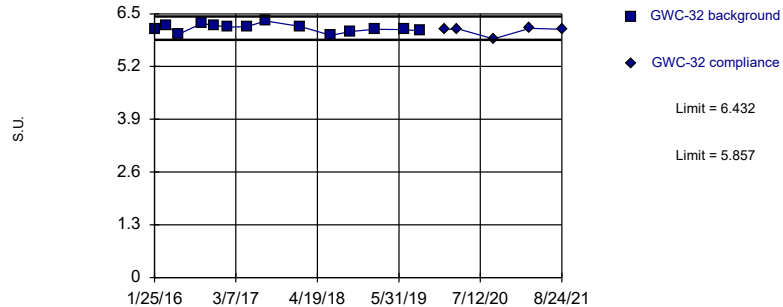


Background Data Summary: Mean=6.113, Std. Dev.=0.1454, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8799, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

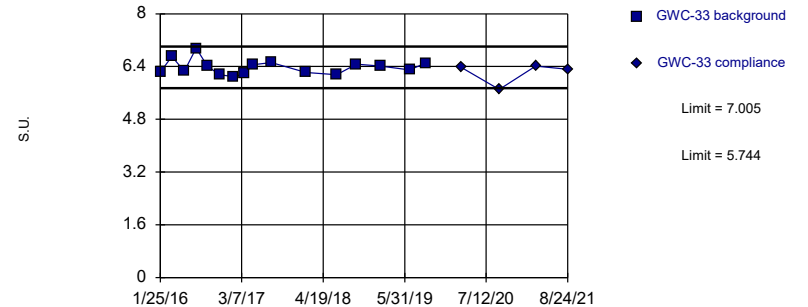


Background Data Summary: Mean=6.144, Std. Dev.=0.09892, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9812, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

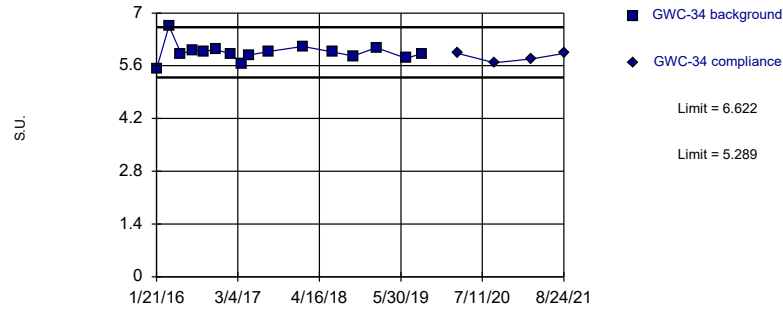


Background Data Summary: Mean=6.375, Std. Dev.=0.2283, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

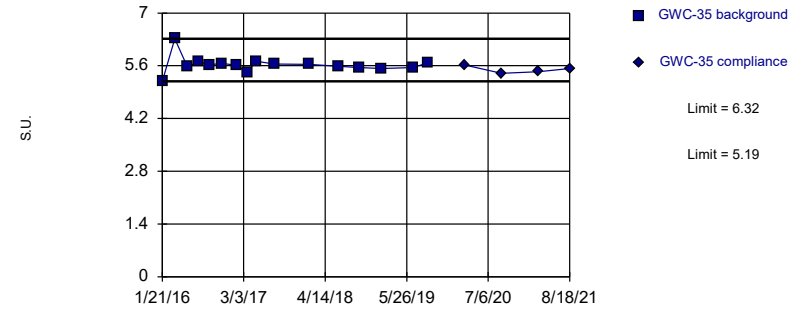


Background Data Summary: Mean=5.956, Std. Dev.=0.2414, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8509, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

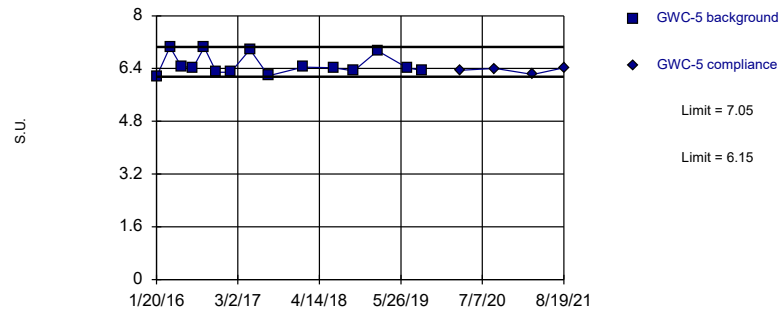


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Non-parametric

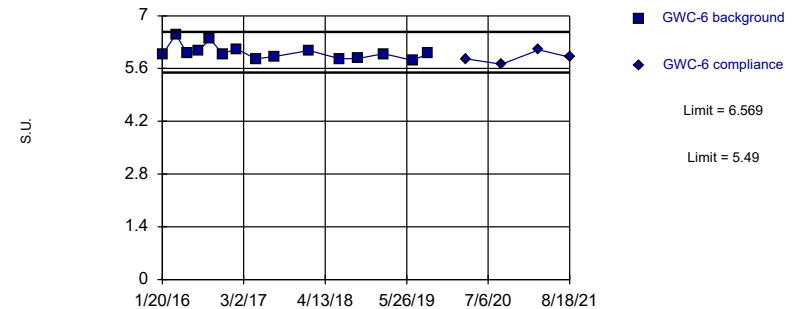


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (1 of 2).

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

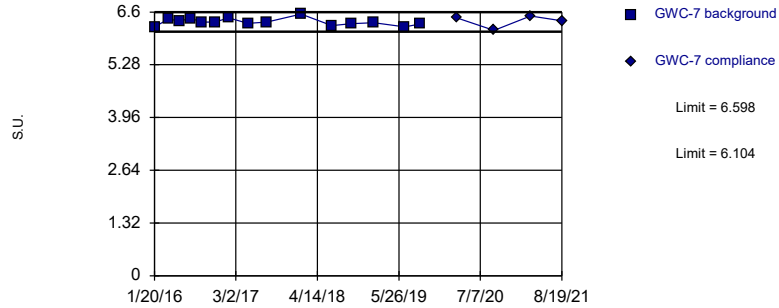


Background Data Summary: Mean=6.03, Std. Dev.=0.1904, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

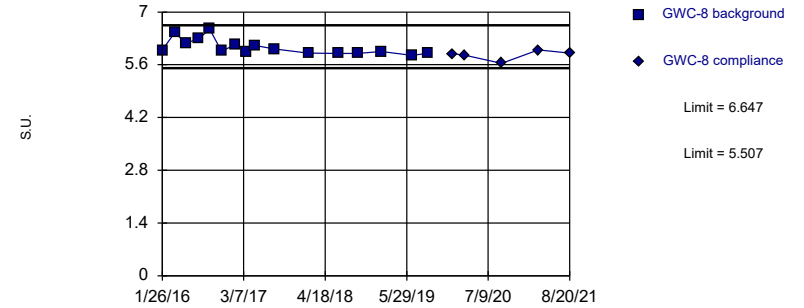


Background Data Summary: Mean=6.351, Std. Dev.=0.08699, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric

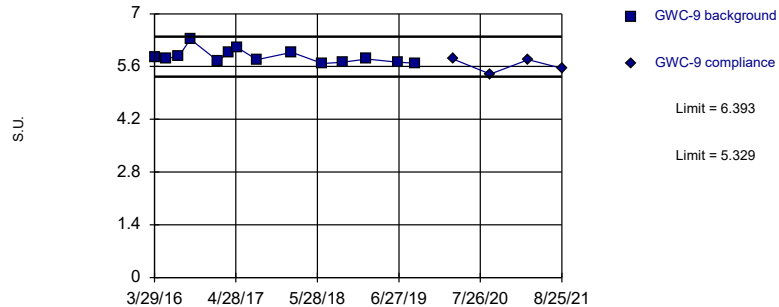


Background Data Summary (based on square root transformation): Mean=2.462, Std. Dev.=0.04189, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8455, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit
Intrawell Parametric



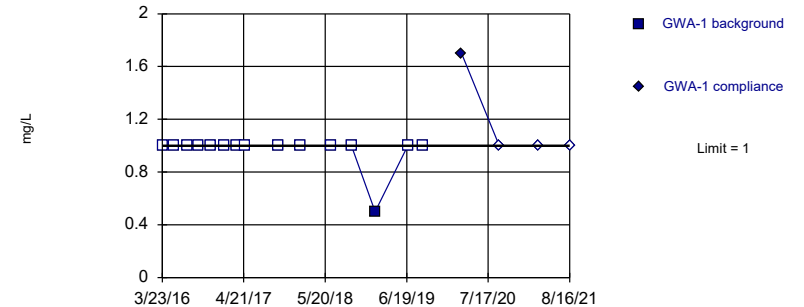
Background Data Summary: Mean=5.861, Std. Dev.=0.183, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

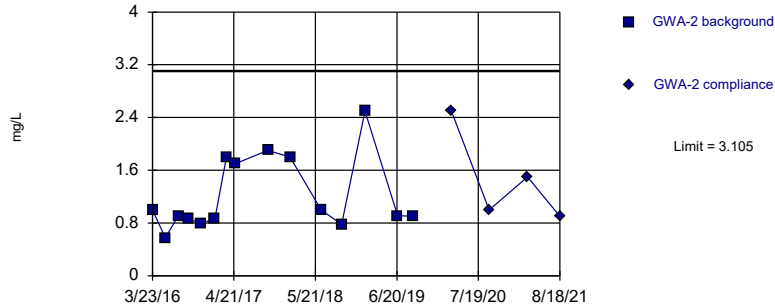


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

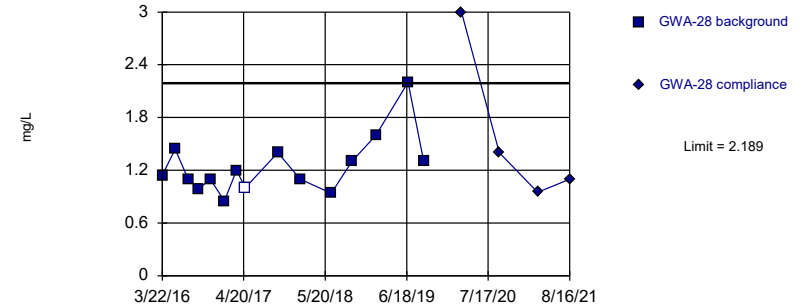


Background Data Summary (based on square root transformation): Mean=1.08, Std. Dev.=0.2406, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8573, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

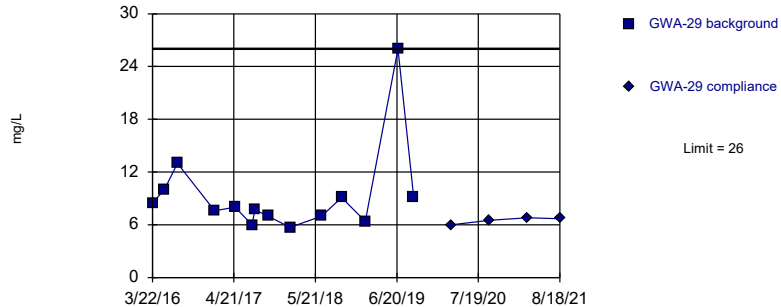


Background Data Summary: Mean=1.244, Std. Dev.=0.3334, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8497, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

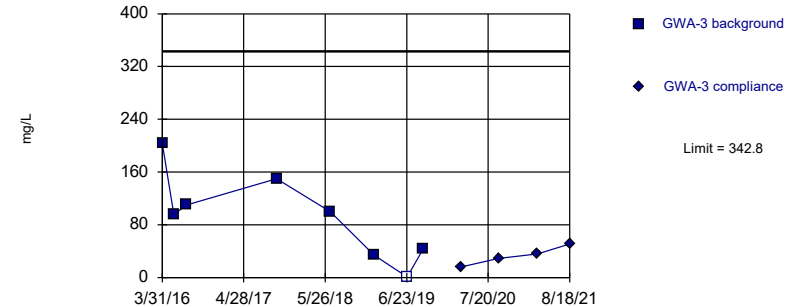


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 14 background values. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

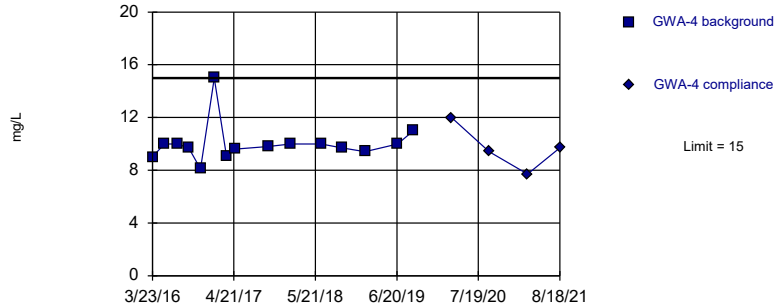


Background Data Summary: Mean=92.09, Std. Dev.=65.61, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.969, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

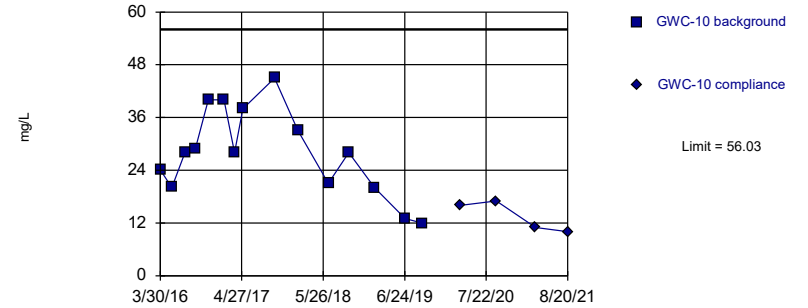


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

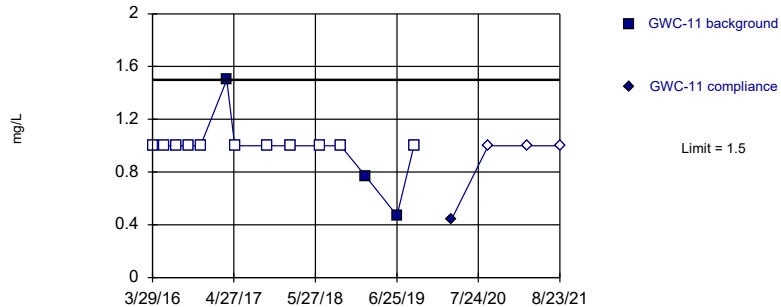


Background Data Summary: Mean=27.94, Std. Dev.=9.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9601, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

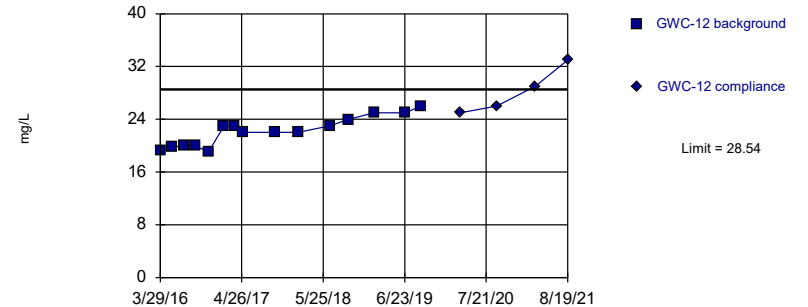


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

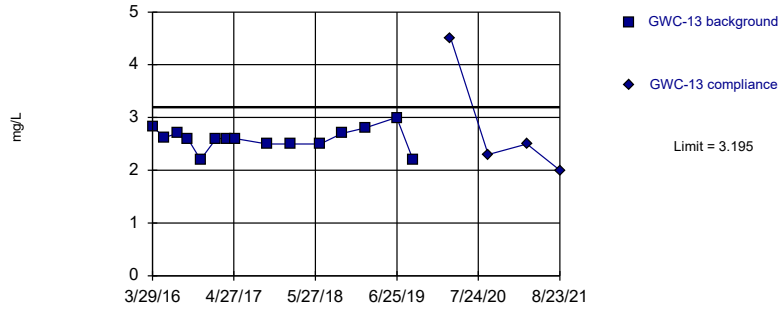


Background Data Summary: Mean=22.2, Std. Dev.=2.238, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9381, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

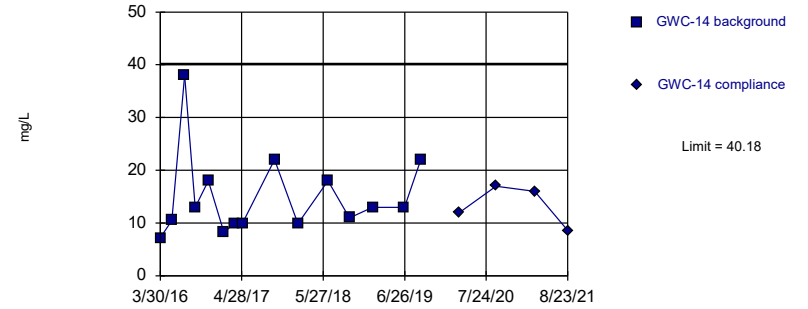


Background Data Summary: Mean=2.597, Std. Dev.=0.2111, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

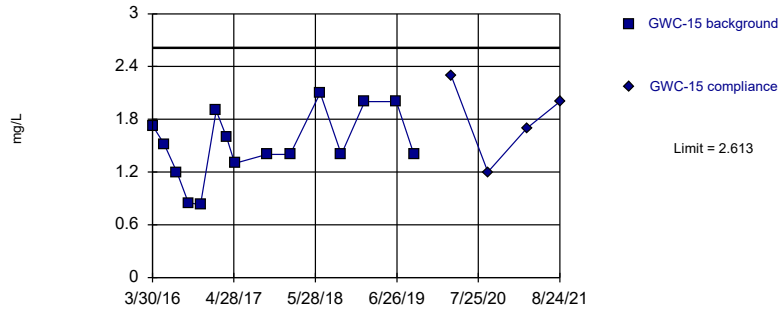


Background Data Summary (based on square root transformation): Mean=3.761, Std. Dev.=0.9091, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8716, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

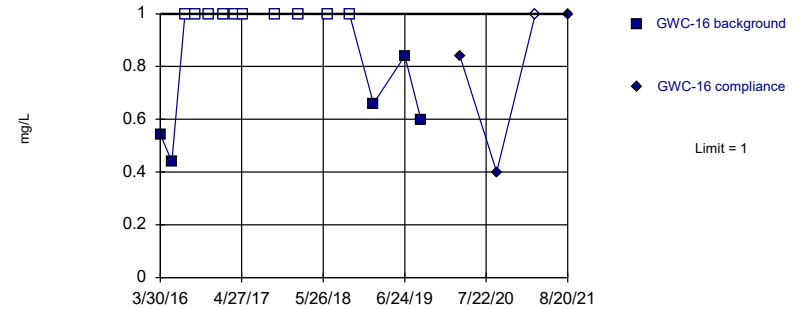


Background Data Summary: Mean=1.509, Std. Dev.=0.3894, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

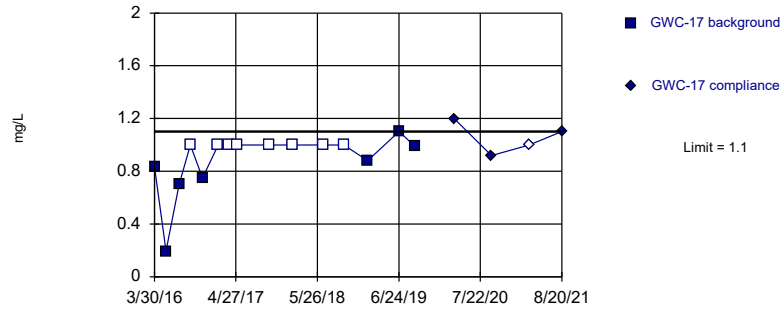


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

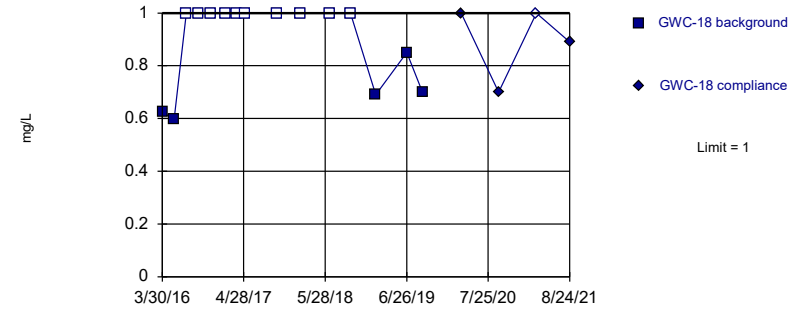


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

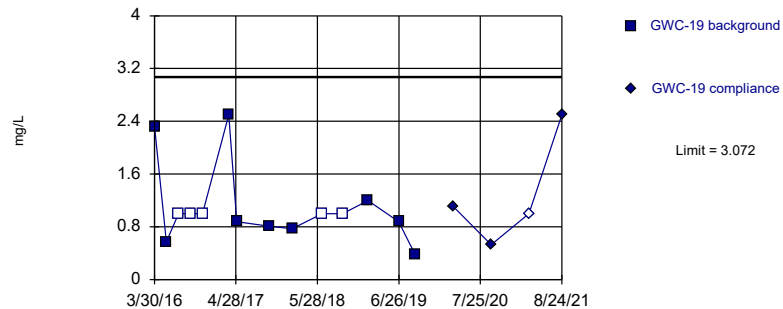


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

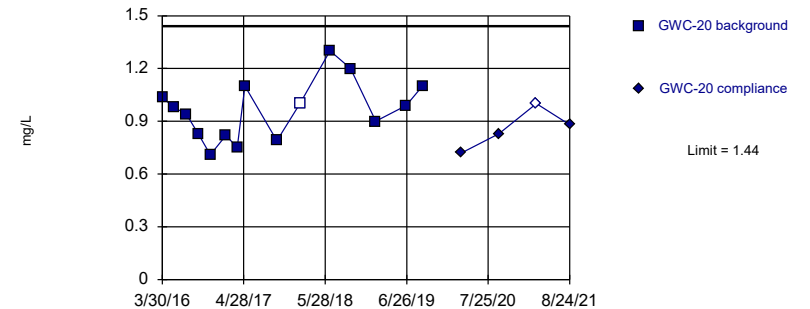


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.9401, Std. Dev.=0.2795, n=14, 35.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.831, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

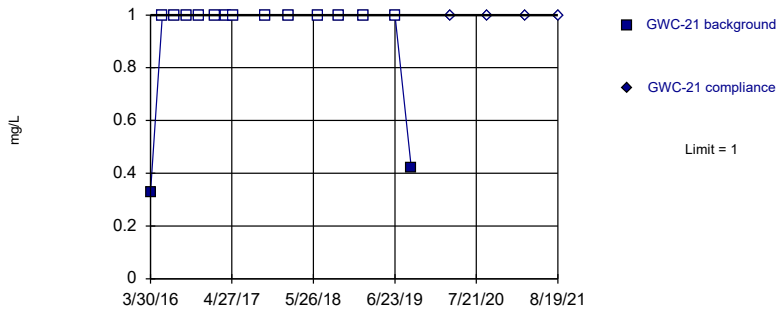


Background Data Summary: Mean=0.963, Std. Dev.=0.1684, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9728, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

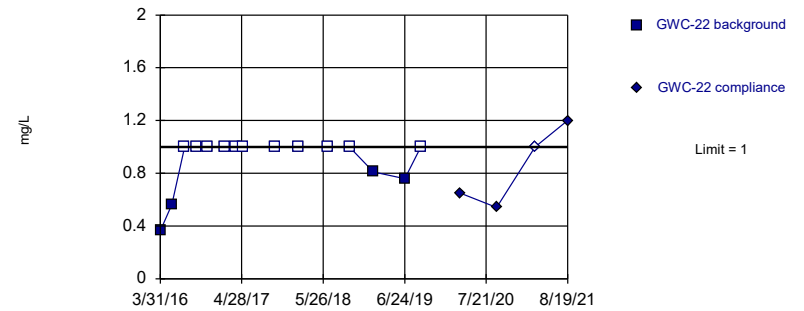


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Exceeds Limit

Prediction Limit
Intrawell Non-parametric

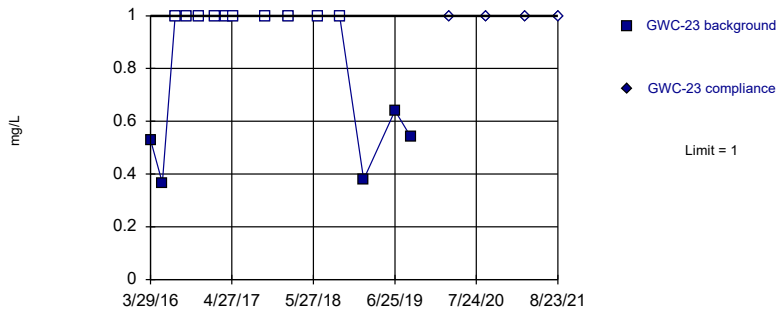


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

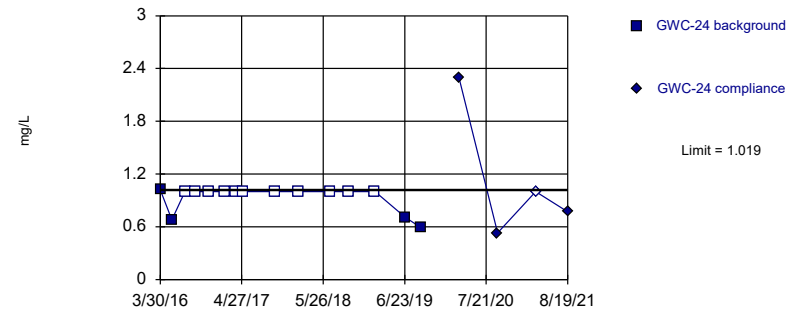


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

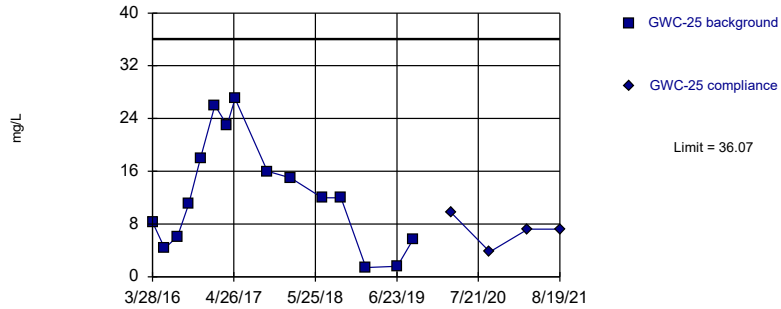


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

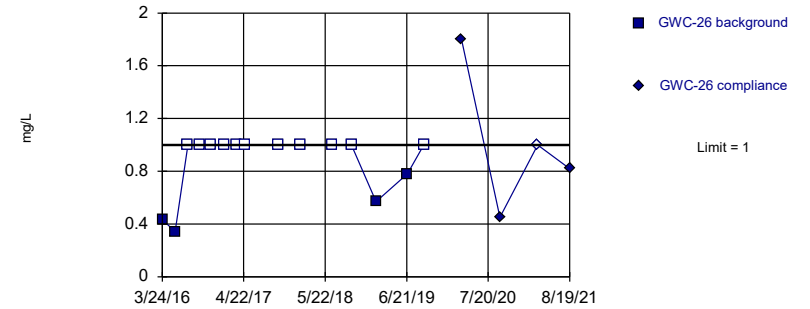


Background Data Summary: Mean=12.5, Std. Dev.=8.315, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9418, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric



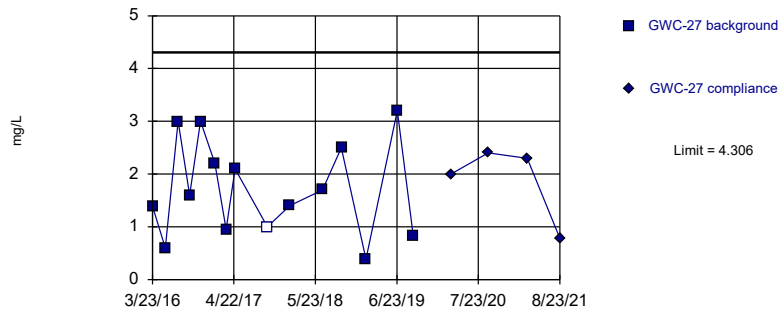
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

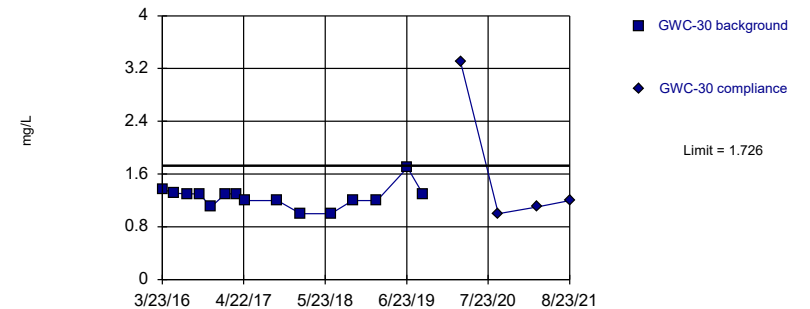


Background Data Summary: Mean=1.723, Std. Dev.=0.9113, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

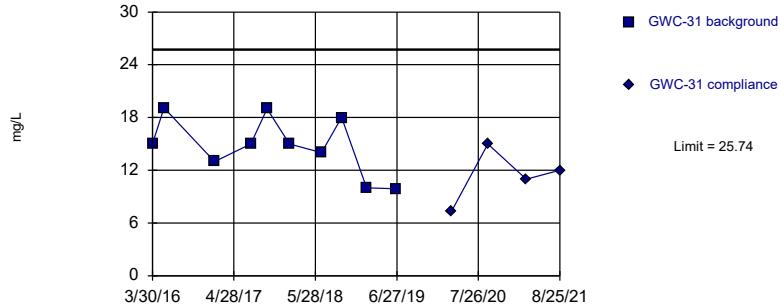


Background Data Summary: Mean=1.252, Std. Dev.=0.1671, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

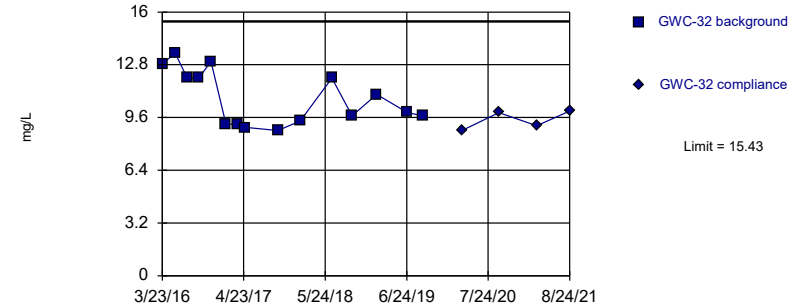


Background Data Summary: Mean=14.8, Std. Dev.=3.29, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9139, critical = 0.781. Kappa = 3.324 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

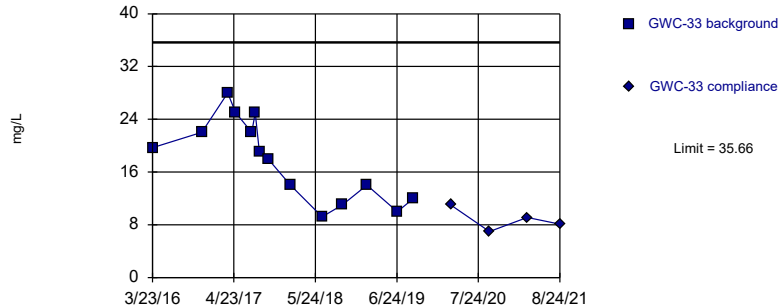


Background Data Summary: Mean=10.75, Std. Dev.=1.652, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

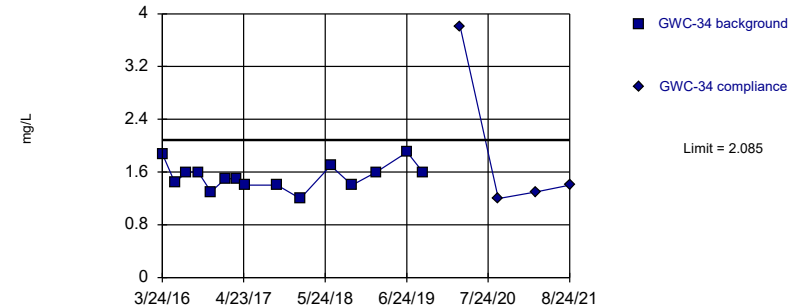


Background Data Summary: Mean=17.78, Std. Dev.=6.15, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

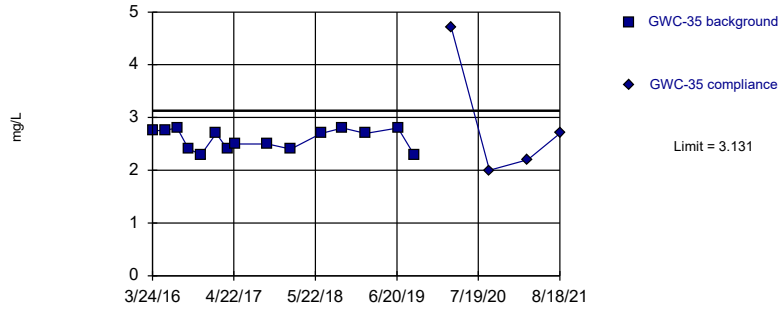


Background Data Summary: Mean=1.535, Std. Dev.=0.1943, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

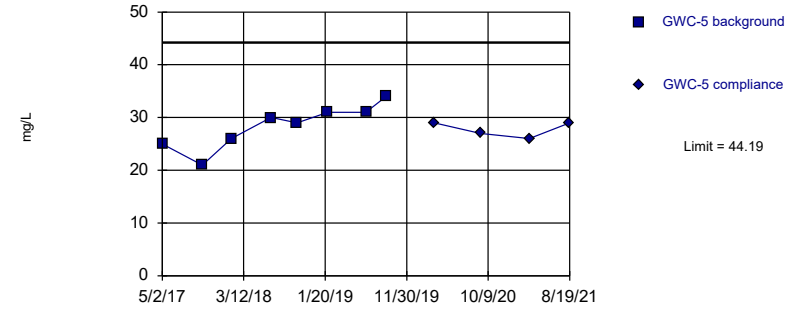


Background Data Summary: Mean=2.587, Std. Dev.=0.1918, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8548, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

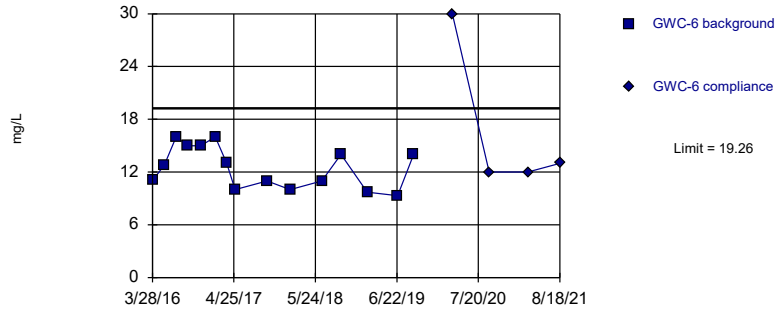


Background Data Summary: Mean=28.38, Std. Dev.=4.138, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9539, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

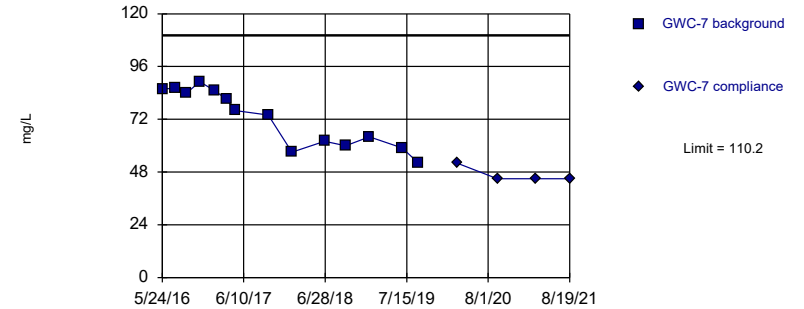


Background Data Summary: Mean=12.52, Std. Dev.=2.376, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9085, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

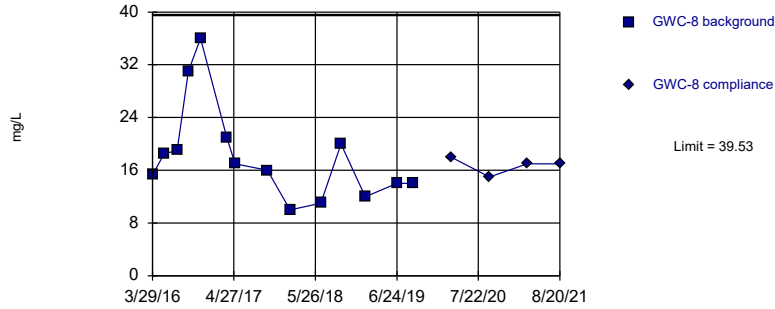


Background Data Summary: Mean=72.49, Std. Dev.=12.97, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8912, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

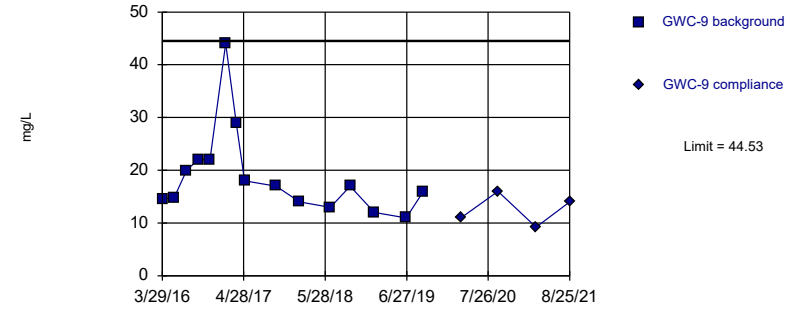


Background Data Summary: Mean=18.2, Std. Dev.=7.338, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8547, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

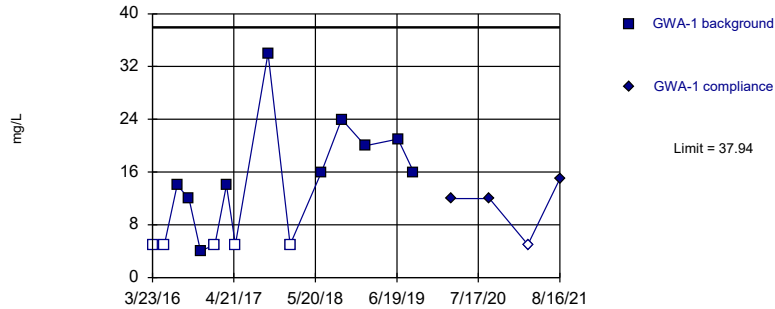


Background Data Summary (based on square root transformation): Mean=4.276, Std. Dev.=0.8455, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8526, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

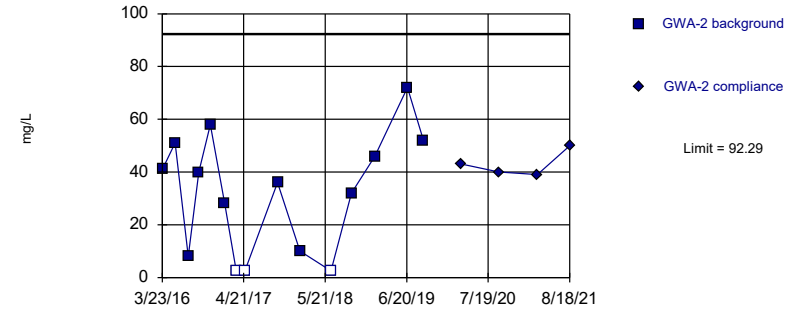


Background Data Summary (after Kaplan-Meier Adjustment): Mean=11.75, Std. Dev.=9.238, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8821, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

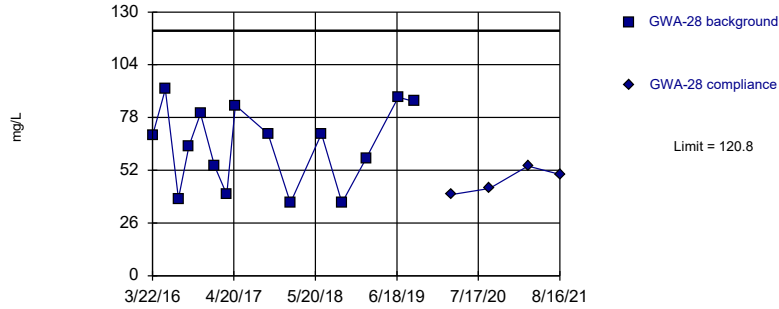
Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=32.6, Std. Dev.=21.06, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.925, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

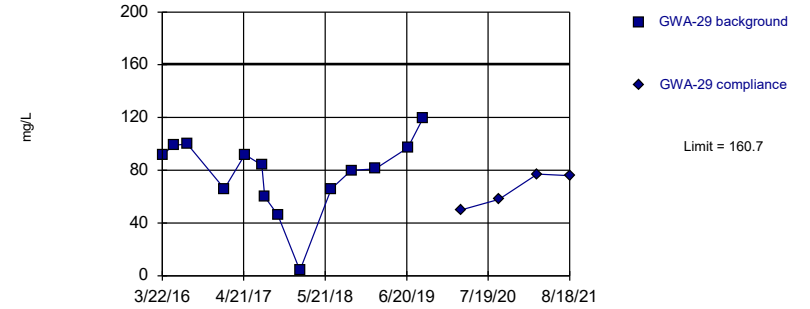
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=64.33, Std. Dev.=19.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9107, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

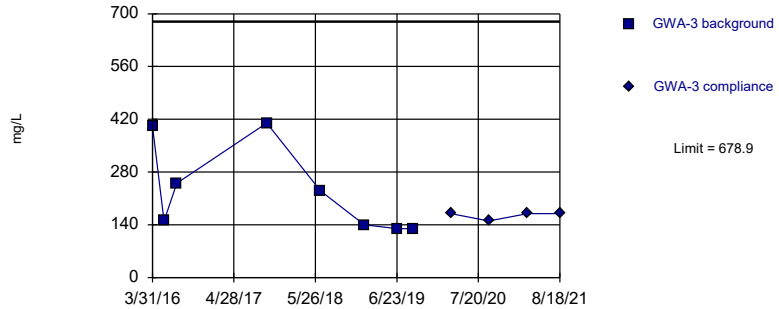
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=77.64, Std. Dev.=28.56, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

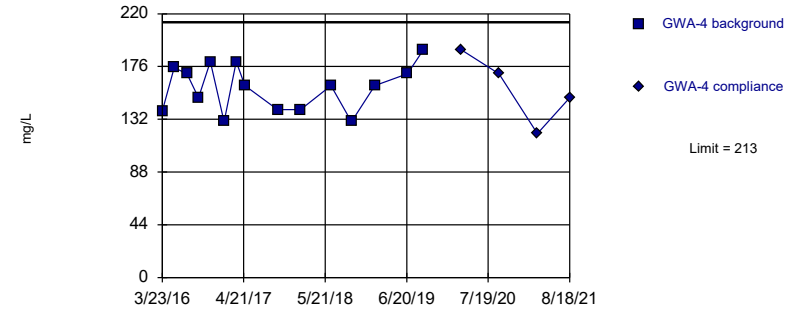
Within Limit Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=230.1, Std. Dev.=117.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8055, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit Prediction Limit
Intrawell Parametric

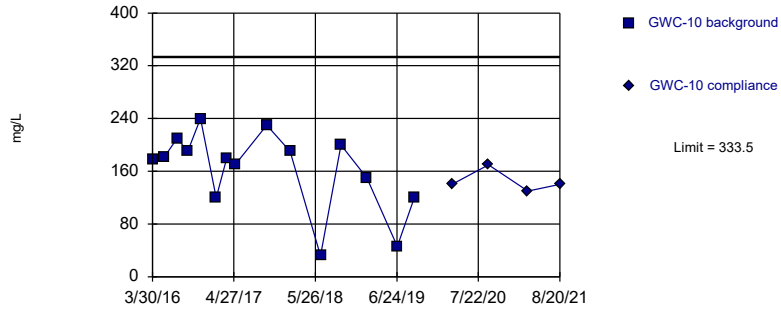


Background Data Summary: Mean=158.3, Std. Dev.=19.31, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

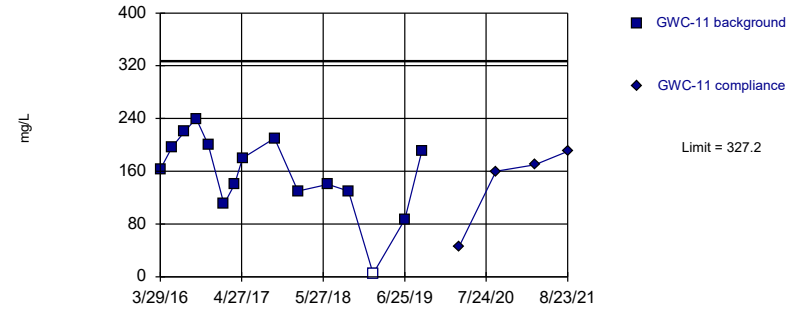


Background Data Summary: Mean=162.4, Std. Dev.=60.37, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

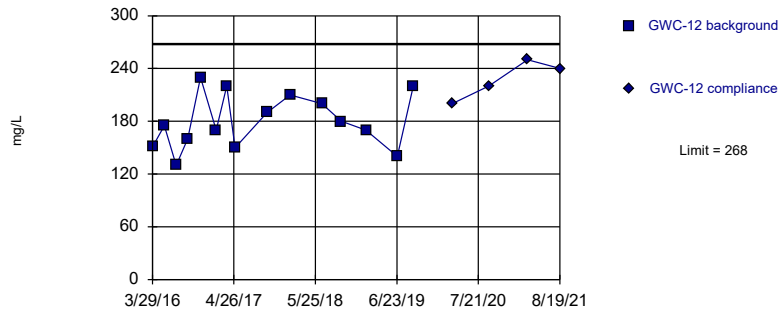


Background Data Summary: Mean=156.1, Std. Dev.=60.36, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

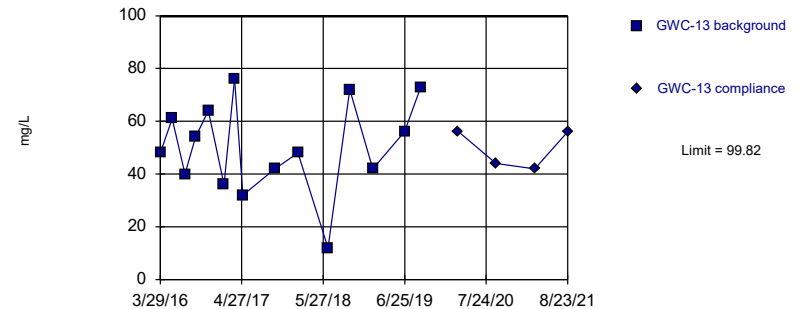


Background Data Summary: Mean=179.7, Std. Dev.=31.13, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9597, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric

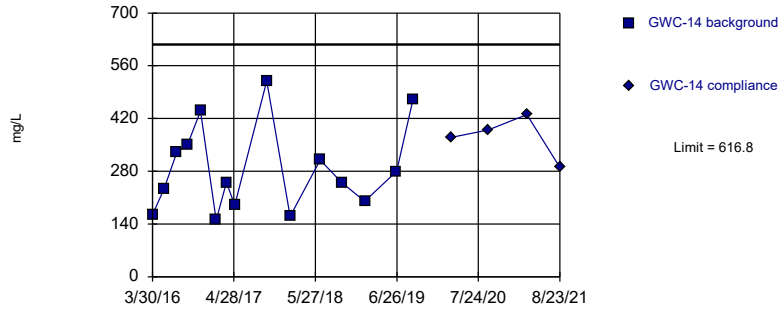


Background Data Summary: Mean=50.4, Std. Dev.=17.43, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:11 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

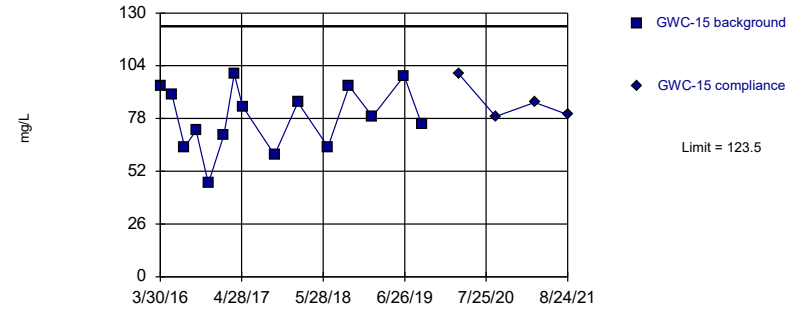


Background Data Summary: Mean=286.5, Std. Dev.=116.5, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9168, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

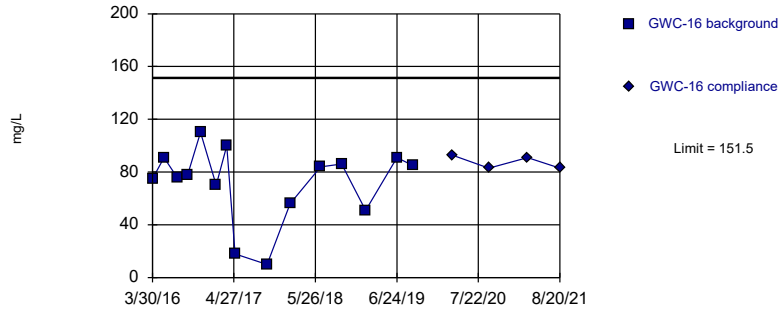


Background Data Summary: Mean=78.47, Std. Dev.=15.87, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

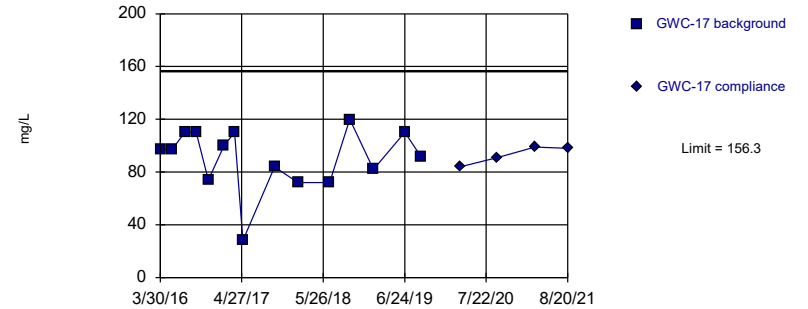


Background Data Summary: Mean=72.07, Std. Dev.=28.01, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8845, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

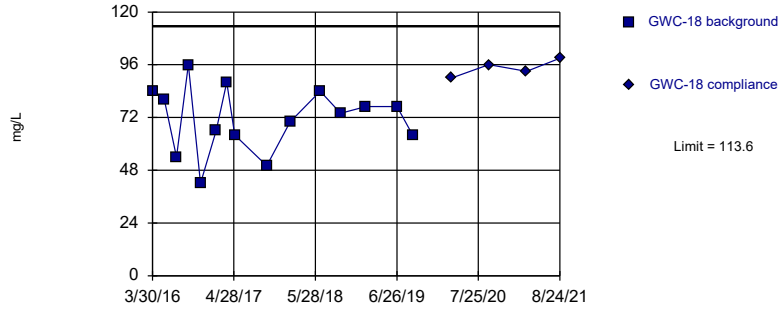


Background Data Summary: Mean=90.53, Std. Dev.=23.22, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8824, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

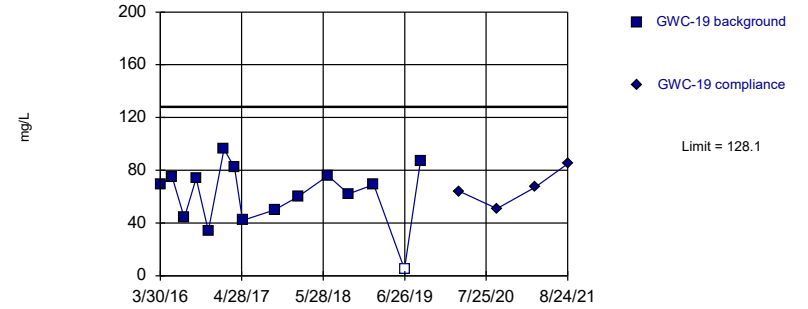


Background Data Summary: Mean=71.33, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

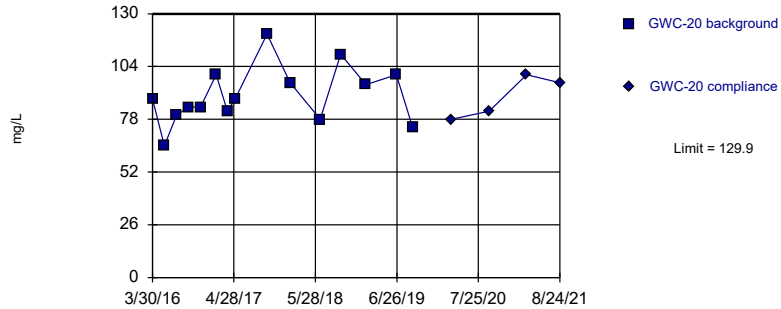


Background Data Summary: Mean=61.67, Std. Dev.=23.44, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

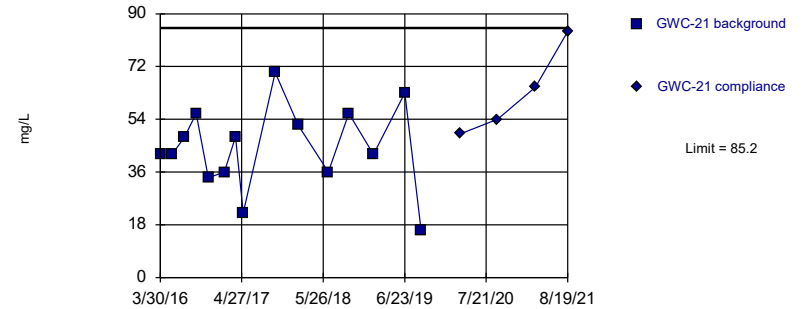


Background Data Summary: Mean=89.6, Std. Dev.=14.21, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

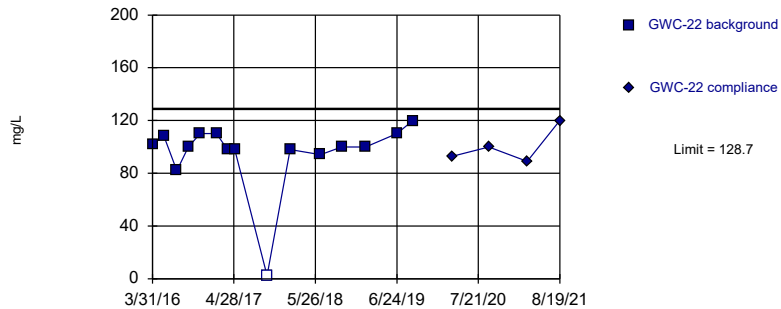


Background Data Summary: Mean=44.2, Std. Dev.=14.46, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9797, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

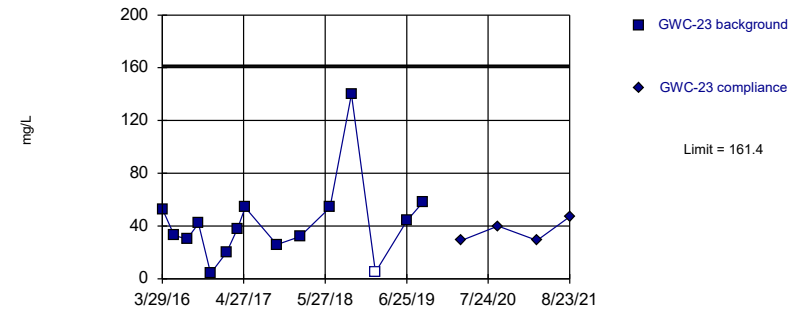


Background Data Summary (based on cube transformation): Mean=1016498, Std. Dev.=393346, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.904, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

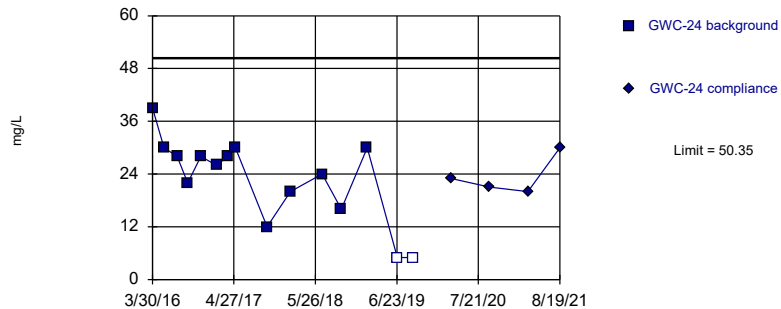


Background Data Summary (based on square root transformation): Mean=6.093, Std. Dev.=2.333, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9137, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

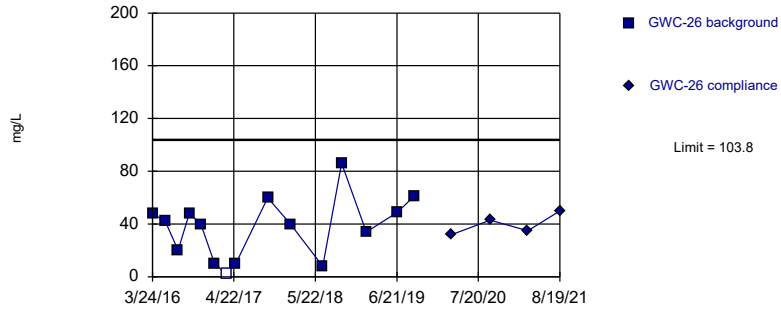
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

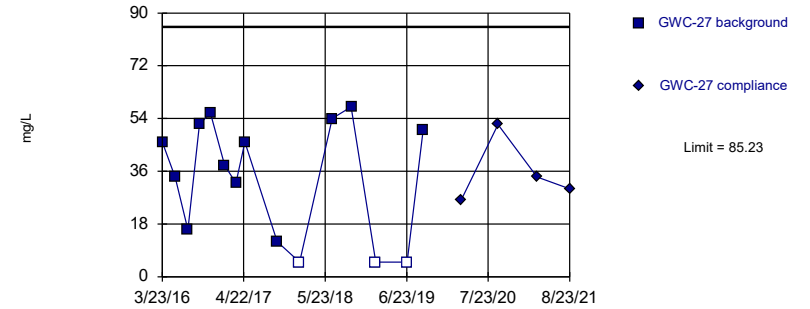


Background Data Summary: Mean=37.23, Std. Dev.=23.48, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9452, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

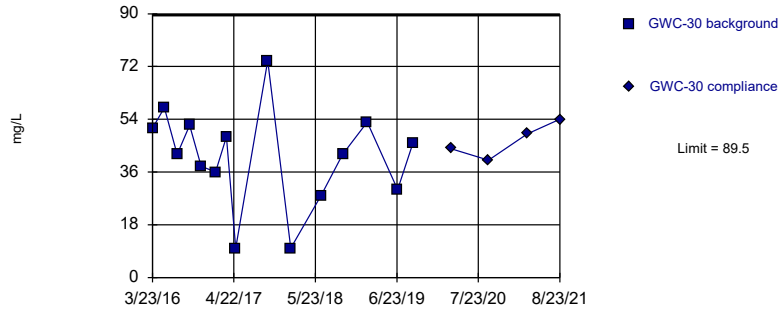


Background Data Summary (after Kaplan-Meier Adjustment): Mean=33.22, Std. Dev.=18.35, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8689, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

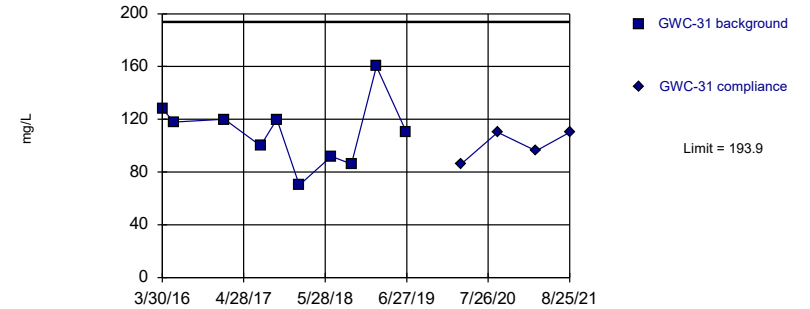


Background Data Summary: Mean=41.2, Std. Dev.=17.04, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9544, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

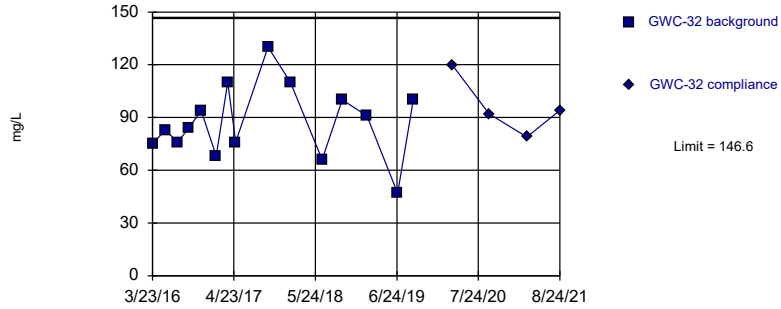


Background Data Summary: Mean=110.4, Std. Dev.=25.14, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.781. Kappa = 3.324 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

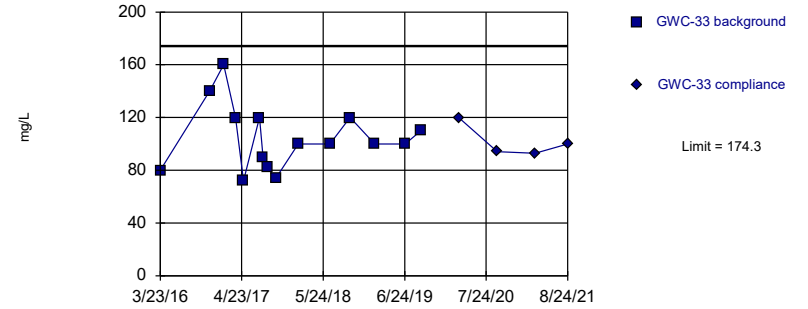


Background Data Summary: Mean=87.33, Std. Dev.=20.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9848, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

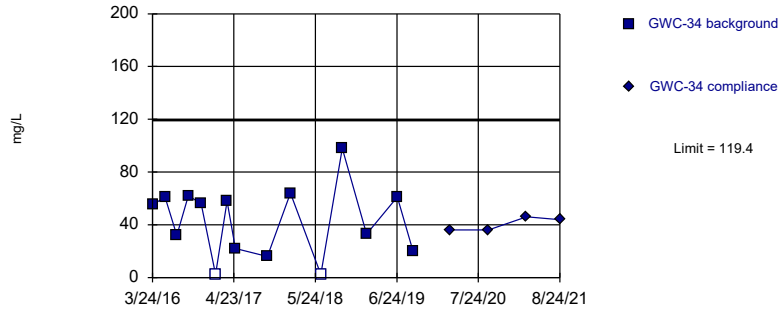


Background Data Summary: Mean=104.5, Std. Dev.=24.61, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

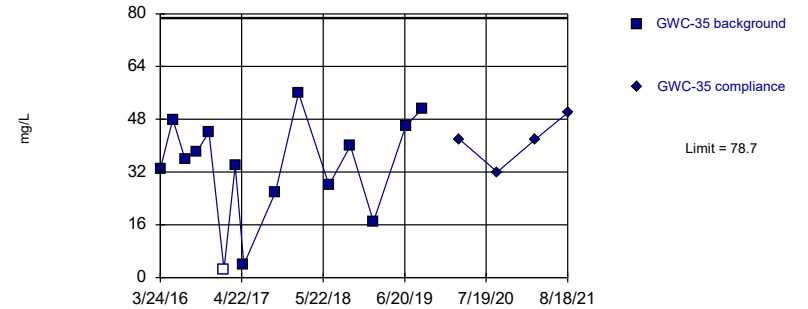


Background Data Summary: Mean=42.87, Std. Dev.=27.01, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.926, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

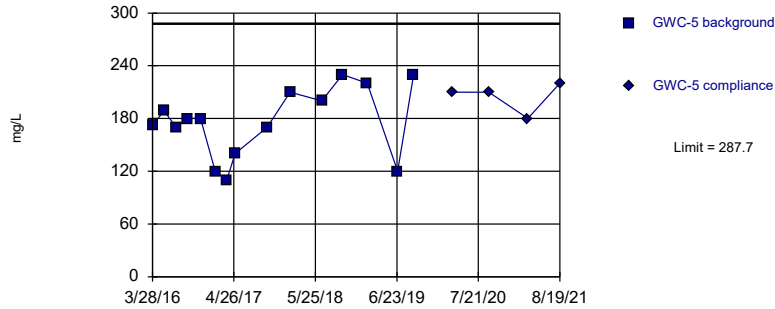


Background Data Summary: Mean=33.57, Std. Dev.=15.92, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

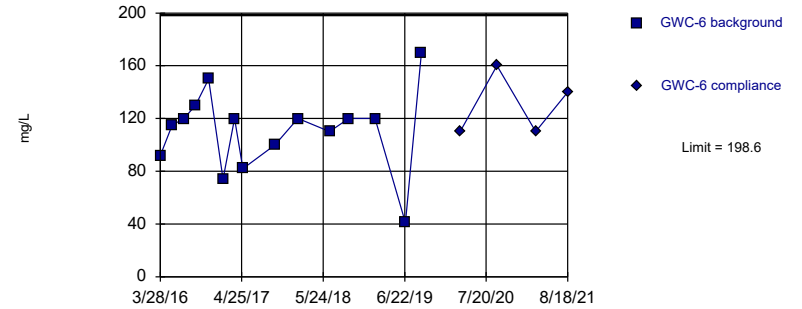


Background Data Summary: Mean=176.1, Std. Dev.=39.38, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9331, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

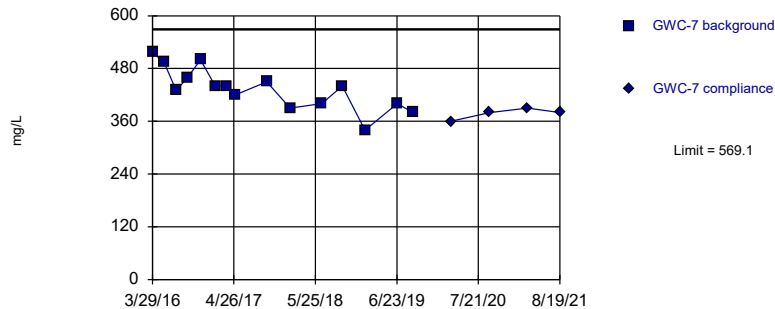


Background Data Summary: Mean=110.9, Std. Dev.=30.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9478, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

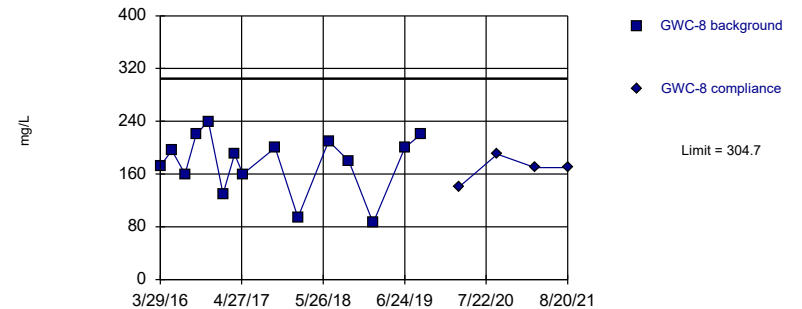


Background Data Summary: Mean=433.4, Std. Dev.=47.88, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9762, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit
Intrawell Parametric

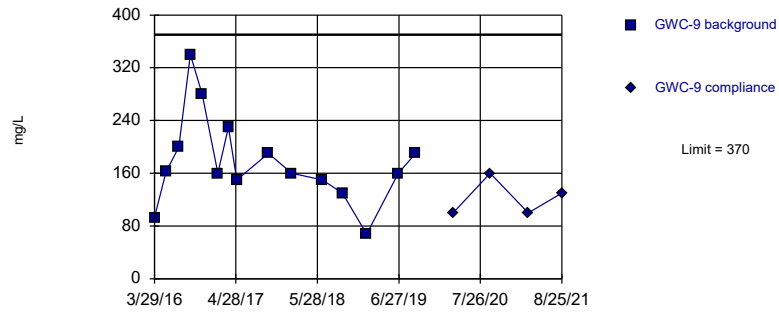


Background Data Summary: Mean=177.2, Std. Dev.=44.99, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=177.5, Std. Dev.=67.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 10/5/2021 1:12 PM View: Appendix III - Intrawell
Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/19/2018	5.39 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.195292 (O)	
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 (D)	
1/19/2018	5.68 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.545359	
11/9/2016	6	
1/17/2017	6.09	
3/16/2017	5.98	
4/27/2017	5.96	
8/1/2017	6.01 (D)	
1/19/2018	6.15 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.444541	
3/15/2017	5.86	
4/27/2017	5.85	
8/1/2017	5.86 (D)	
1/19/2018	5.83 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 PM View: Appendix III - IntraWell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
5/25/2016	6.48	
7/27/2016	6.43219	
8/1/2017	6.35 (D)	
6/20/2018	6.28	
1/17/2019	6.06	
6/24/2019	5.68	
6/25/2019	5.58	
9/11/2019	5.49	
3/10/2020		5.53
9/9/2020		5.39
3/15/2021		5.28
8/18/2021		5.32

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.396439	
11/10/2016	6.19	
1/17/2017	6.18	
3/16/2017	6.1	
4/28/2017	6.51	
8/2/2017	6.23 (D)	
1/22/2018	6.3 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/24/2018	6.47 (D)	
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		5.31
12/2/2020		5.72
3/18/2021		6.13
8/20/2021		5.68

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.027665	
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 (D)	
1/24/2018	6.17 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	
9/15/2016	6.283325	
11/16/2016	6.99	
1/31/2017	7.065 (D)	
3/23/2017	7.41	
5/3/2017	7.32	
8/7/2017	7.25 (D)	
1/24/2018	7.02 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.565879	
11/17/2016	6.63	
3/23/2017	6.85	
5/3/2017	6.57	
8/4/2017	6.77 (D)	
1/25/2018	6.63 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	5.220961	
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 (D)	
1/25/2018	5.64 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/25/2018	6.45 (D)	
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
9/10/2020		6.31
3/18/2021		6.92
8/24/2021		6.43

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.5561 (O)	
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 (D)	
1/25/2018	6.1 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.948709 (O)	
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 (D)	
1/25/2018	6.2 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/25/2018	6.03 (D)	
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		6.03
8/24/2021		5.9

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.276656	
11/17/2016	5.97	
3/24/2017	5.82	
5/3/2017	5.89	
8/7/2017	5.93 (D)	
1/25/2018	5.89 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.120962	
2/2/2017	6.17	
5/4/2017	6.38	
8/7/2017	6.19 (D)	
1/26/2018	6.16 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.575025	
11/17/2016	5.56	
3/28/2017	5.36	
5/4/2017	5.55	
8/7/2017	5.61 (D)	
1/26/2018	5.65 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.696588	
11/17/2016	6.52	
3/28/2017	6.87	
5/3/2017	6.59	
8/8/2017	6.59 (D)	
1/25/2018	6.49 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	
5/25/2016	6.11	
9/20/2016	7.295281	
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 (D)	
1/25/2018	6.06 (D)	
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		6.02
8/23/2021		5.9

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	
1/25/2018	5.74 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.070052	
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 (D)	
1/24/2018	6.12 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/22/2018	6 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/19/2018	5.53 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
3/17/2017	5.94	
5/1/2017	6	
8/4/2017	6.01 (D)	
1/24/2018	6.29 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/22/2018	5.99 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/22/2018	6.19 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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 (D)	
1/22/2018	6.22 (D)	
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		5.71
3/18/2021		6.41
8/24/2021		6.32

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	
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 (D)	
1/23/2018	6.11 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	
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 (D)	
1/23/2018	5.64 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	7.042684	
11/15/2016	6.29	
1/26/2017	6.29	
5/2/2017	6.98	
8/3/2017	6.18 (D)	
1/23/2018	6.44 (D)	
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		6.22
8/19/2021		6.42

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.383623	
11/16/2016	5.99	
1/26/2017	6.12	
5/2/2017	5.86	
8/3/2017	5.92 (D)	
1/23/2018	6.08 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.347438	
11/16/2016	6.35	
1/26/2017	6.45	
5/2/2017	6.32	
8/4/2017	6.35 (D)	
1/23/2018	6.55 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.550086	
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 (D)	
1/24/2018	5.91 (D)	
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

Prediction Limit

Constituent: pH, Field (S.U.) Analysis Run 10/5/2021 1:15 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	6.323668	
1/31/2017	5.75	
3/23/2017	5.97	
5/2/2017	6.11	
8/7/2017	5.78 (D)	
1/24/2018	5.98 (D)	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
4/27/2017	8	
7/18/2017	6	
8/1/2017	7.7	
10/3/2017	7	
1/19/2018	5.7	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 PM View: Appendix III - IntraWell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
3/31/2016	202.982	
5/25/2016	95.7	
7/27/2016	110	
10/3/2017	150	
6/20/2018	100	
1/18/2019	34	
6/25/2019	<1	
9/11/2019	43	
3/10/2020		16
9/9/2020		29
3/15/2021		36
8/18/2021		51

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	20.1	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	0.195 (J)	
7/27/2016	0.7 (J)	
9/19/2016	<1	
11/17/2016	0.75 (J)	
2/1/2017	<1	
3/24/2017	<1	
5/3/2017	<1	
10/4/2017	<1	
1/25/2018	<1	
6/26/2018	<1	
10/2/2018	<1	
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		<1
8/20/2021		1.1

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 PM View: Appendix III - Intravel
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	<1	
7/26/2016	<1	
9/20/2016	<1	
11/17/2016	<1	
2/2/2017	<1	
3/28/2017	<1	
5/4/2017	<1	
10/6/2017	<1	
1/26/2018	<1	
6/20/2018	<1	
9/27/2018	<1	
1/24/2019	<1	
6/25/2019	<1	
9/11/2019	0.42 (J)	
3/18/2020		<1
9/15/2020		<1
3/16/2021		<1
8/19/2021		<1

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
3/23/2017	23	
5/2/2017	27	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
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)

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
10/6/2017	19	
1/23/2018	15	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
4/27/2017	92	
7/18/2017	84 (J)	
8/1/2017	60 (J)	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 PM View: Appendix III - IntraWell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-3	GWA-3
3/31/2016	401	
5/25/2016	150	
7/27/2016	250	
10/3/2017	410	
6/20/2018	230	
1/18/2019	140	
6/25/2019	130	
9/11/2019	130	
3/10/2020		170
9/9/2020		150
3/15/2021		170
8/18/2021		170

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 10/5/2021 1:15 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	
11/16/2016	280	
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

FIGURE I.

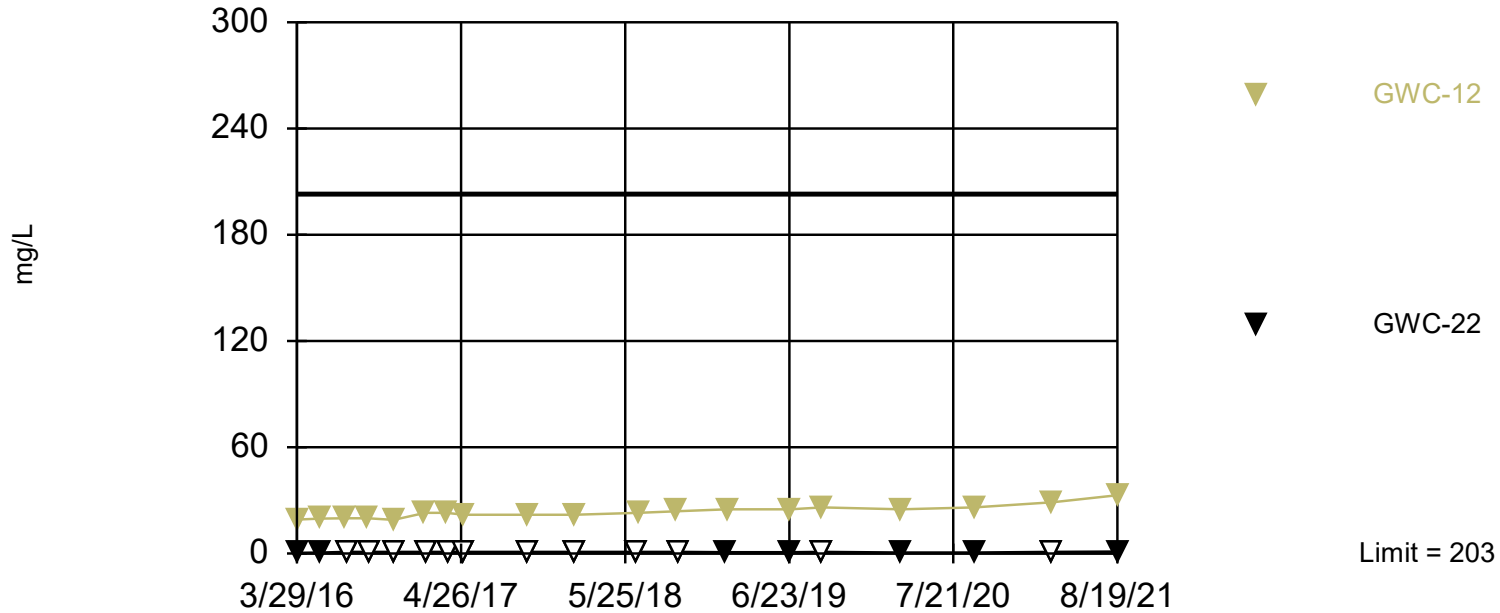
Appendix III - Interwell Prediction Limits - Intrawell Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:24 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate as SO4 (mg/L)	GWC-12	203	n/a	8/19/2021	33	No	106	n/a	n/a	17.92	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	203	n/a	8/19/2021	1.2	No	106	n/a	n/a	17.92	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 106 background values. 17.92% NDs. Annual per-constituent alpha = 0.009946. Individual comparison alpha = 0.0001723 (1 of 2). Comparing 2 points to limit. Assumes 27 future values.

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:24 PM View: Appendix III - Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:24 PM View: Appendix III - Exceedances

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWA-1 (bg)	GWC-12	GWC-22	GWA-3 (bg)
3/22/2016	1.1423	8.4662						
3/23/2016			1.001	9.0208	<1			
3/29/2016						19.1889		
3/31/2016							0.3648 (J)	202.982
5/19/2016		10		10				
5/20/2016					<1			
5/23/2016	1.44							
5/24/2016			0.576 (J)					
5/25/2016						19.8		95.7
5/26/2016							0.562 (J)	
7/21/2016		13		10	<1			
7/22/2016						20		
7/25/2016	1.1							
7/26/2016			0.91 (J)				<1	
7/27/2016								110
9/14/2016				9.7				
9/15/2016	0.99 (J)				<1	20		
9/16/2016			0.87 (J)					
9/20/2016							<1	
11/9/2016	1.1							
11/10/2016			0.79 (J)	8.1				
11/11/2016					<1			
11/16/2016						19		
11/17/2016							<1	
1/17/2017	0.85 (J)	7.6		15				
1/19/2017			0.87 (J)		<1			
1/31/2017						23		
2/3/2017							<1	
3/16/2017	1.2			9.1	<1			
3/17/2017			1.8					
3/23/2017						23		
3/28/2017							<1	
4/27/2017	<1	8		9.6				
4/28/2017			1.7		<1			
5/3/2017						22	<1	
7/18/2017		6						
8/1/2017		7.7						
10/3/2017	1.4	7	1.9	9.8				150
10/4/2017					<1	22		
10/5/2017							<1	
1/19/2018	1.1	5.7	1.8		<1			
1/22/2018				10				
1/24/2018						22		
1/25/2018							<1	
6/19/2018	0.94 (J)	7	1	10	<1			
6/20/2018							<1	100
6/26/2018						23		
9/25/2018	1.3	9.1	0.78 (J)	9.7	<1			
9/28/2018						24		
10/1/2018							<1	
1/17/2019			2.5	9.4	0.5 (J)			
1/18/2019		6.4						34

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 10/5/2021 1:24 PM View: Appendix III - Exceedances
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-2 (bg)	GWA-4 (bg)	GWA-1 (bg)	GWC-12	GWC-22	GWA-3 (bg)
1/21/2019	1.6							
1/24/2019							0.81 (J)	
1/25/2019						25		
6/24/2019			0.91 (J)	10	<1			
6/25/2019	2.2	26					0.76 (J)	<1
6/26/2019						25		
9/9/2019					<1			
9/10/2019	1.3	9.2	0.9 (J)	11			<1	
9/11/2019						26		43
3/10/2020	3	6	2.5	12	1.7			16
3/18/2020						25	0.65 (J)	
9/9/2020	1.4	6.5		9.4	<1			29
9/10/2020			1			26	0.54 (J)	
3/15/2021	0.95 (J)	6.8	1.5	7.7	<1		<1	36
3/16/2021						29		
8/16/2021	1.1				<1			
8/18/2021		6.7	0.9 (J)	9.7				51
8/19/2021						33	1.2	

FIGURE J.

Appendix III - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-14	0.08	n/a	8/23/2021	0.61	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.08	n/a	8/25/2021	0.083	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	8/23/2021	99	Yes	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Obsrv.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWC-10	0.08	n/a	8/20/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-11	0.08	n/a	8/23/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-12	0.08	n/a	8/19/2021	0.077J	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-13	0.08	n/a	8/23/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-14	0.08	n/a	8/23/2021	0.61	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-15	0.08	n/a	8/24/2021	0.047J	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-16	0.08	n/a	8/20/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-17	0.08	n/a	8/20/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-18	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-19	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-20	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-21	0.08	n/a	8/19/2021	0.047J	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-22	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-23	0.08	n/a	8/23/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-24	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-25	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-26	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-27	0.08	n/a	8/23/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-30	0.08	n/a	8/23/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-31	0.08	n/a	8/25/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-32	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-33	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-34	0.08	n/a	8/24/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-35	0.08	n/a	8/18/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-5	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-6	0.08	n/a	8/18/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-7	0.08	n/a	8/19/2021	0.08ND	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-8	0.08	n/a	8/20/2021	0.04J	No	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.08	n/a	8/25/2021	0.083	Yes	107	n/a	n/a	97.2	n/a	n/a	0.0001695	NP Inter (NDs) 1 of 2
Calcium, total (mg/L)	GWC-10	72	n/a	8/20/2021	14	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-11	72	n/a	8/23/2021	9.1	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-12	72	n/a	8/19/2021	51	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-13	72	n/a	8/23/2021	4.2	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-14	72	n/a	8/23/2021	21	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-15	72	n/a	8/24/2021	8.6	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-16	72	n/a	8/20/2021	7.1	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-17	72	n/a	8/20/2021	8.7	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-18	72	n/a	8/24/2021	7.8	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-19	72	n/a	8/24/2021	9.3	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-20	72	n/a	8/24/2021	9.2	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-21	72	n/a	8/19/2021	10	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-22	72	n/a	8/19/2021	11	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-23	72	n/a	8/23/2021	3.9	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-24	72	n/a	8/19/2021	0.32J	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-25	72	n/a	8/19/2021	7.4	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-26	72	n/a	8/19/2021	2.1	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-27	72	n/a	8/23/2021	1.6	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-30	72	n/a	8/23/2021	3.5	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-31	72	n/a	8/25/2021	9.4	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-32	72	n/a	8/24/2021	6.1	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-33	72	n/a	8/24/2021	17	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-34	72	n/a	8/24/2021	2.7	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-35	72	n/a	8/18/2021	2.3	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-5	72	n/a	8/19/2021	35	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-6	72	n/a	8/18/2021	16	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-7	72	n/a	8/19/2021	47	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-8	72	n/a	8/20/2021	28	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	GWC-9	72	n/a	8/25/2021	12	No	106	n/a	n/a	94.34	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

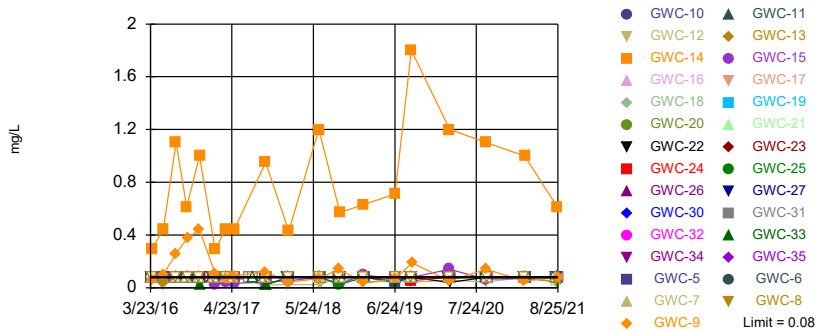
Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:23 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-10	49	n/a	8/20/2021	4.8	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11	49	n/a	8/23/2021	2.7	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-12	49	n/a	8/19/2021	27	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13	49	n/a	8/23/2021	1.3	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-14	49	n/a	8/23/2021	99	Yes	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15	49	n/a	8/24/2021	5.1	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-16	49	n/a	8/20/2021	1.8	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-17	49	n/a	8/20/2021	1.4	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-18	49	n/a	8/24/2021	2	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-19	49	n/a	8/24/2021	1.9	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-20	49	n/a	8/24/2021	2.5	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-21	49	n/a	8/19/2021	15	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-22	49	n/a	8/19/2021	1.8	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-23	49	n/a	8/23/2021	2.2	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-24	49	n/a	8/19/2021	5.2	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-25	49	n/a	8/19/2021	5.9	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-26	49	n/a	8/19/2021	3.1	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-27	49	n/a	8/23/2021	1.1	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-30	49	n/a	8/23/2021	1.5	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-31	49	n/a	8/25/2021	1.5	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-32	49	n/a	8/24/2021	1.3	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-33	49	n/a	8/24/2021	2.6	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-34	49	n/a	8/24/2021	1.4	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-35	49	n/a	8/18/2021	4.5	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-5	49	n/a	8/19/2021	10	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6	49	n/a	8/18/2021	7.5	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-7	49	n/a	8/19/2021	12	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8	49	n/a	8/20/2021	4.1	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-9	49	n/a	8/25/2021	7.4	No	106	n/a	n/a	0.9434	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-10	3.2	n/a	8/20/2021	0.89	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-11	3.2	n/a	8/23/2021	0.21	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-12	3.2	n/a	8/19/2021	0.26	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-13	3.2	n/a	8/23/2021	0.12	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-14	3.2	n/a	8/23/2021	0.068J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-15	3.2	n/a	8/24/2021	0.13	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-16	3.2	n/a	8/20/2021	0.065J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-17	3.2	n/a	8/20/2021	0.091J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-18	3.2	n/a	8/24/2021	0.083J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-19	3.2	n/a	8/24/2021	0.078J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-20	3.2	n/a	8/24/2021	0.077J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-21	3.2	n/a	8/19/2021	0.48J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-22	3.2	n/a	8/19/2021	0.031J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-23	3.2	n/a	8/23/2021	0.051J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-24	3.2	n/a	8/19/2021	0.089J	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-25	3.2	n/a	8/19/2021	0.11	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-26	3.2	n/a	8/19/2021	0.1	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-27	3.2	n/a	8/23/2021	0.27	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-30	3.2	n/a	8/23/2021	0.12	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-31	3.2	n/a	8/25/2021	1.5	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-32	3.2	n/a	8/24/2021	2.1	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-33	3.2	n/a	8/24/2021	1.1	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-34	3.2	n/a	8/24/2021	0.22	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-35	3.2	n/a	8/18/2021	0.11	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-5	3.2	n/a	8/19/2021	0.19	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-6	3.2	n/a	8/18/2021	0.14	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-7	3.2	n/a	8/19/2021	0.35	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-8	3.2	n/a	8/20/2021	0.1	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	GWC-9	3.2	n/a	8/25/2021	0.1	No	106	n/a	n/a	40.57	n/a	n/a	0.0001723	NP Inter (normality) 1 of 2

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-14, GWC-9

Prediction Limit
 Interwell Non-parametric

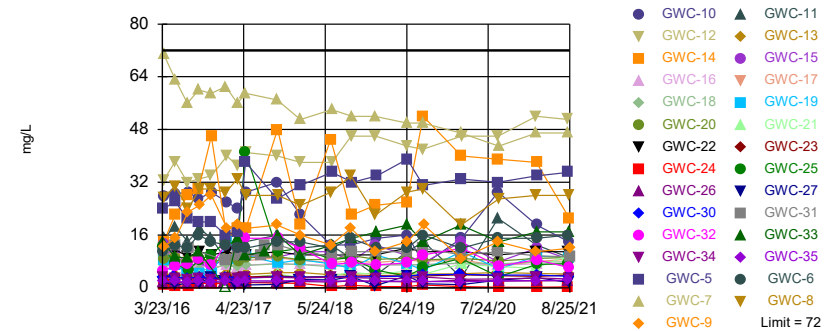


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 107 background values. 97.2% NDs. Annual per-constituent alpha = 0.009785. Individual comparison alpha = 0.0001695 (1 of 2). Comparing 29 points to limit.

Constituent: Boron, total Analysis Run 10/5/2021 1:21 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Interwell Non-parametric

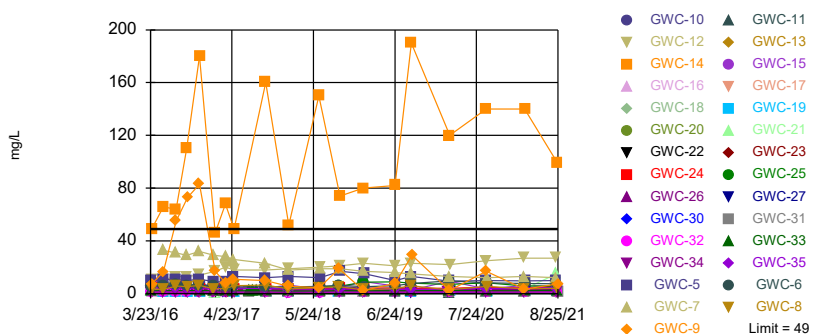


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 106 background values. 0.9434% NDs. Annual per-constituent alpha = 0.009946. Individual comparison alpha = 0.0001723 (1 of 2). Comparing 29 points to limit.

Constituent: Calcium, total Analysis Run 10/5/2021 1:21 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 Groundwater Stats Consulting, UG
 Hollow symbols indicate censored values.
 Exceeds Limit: GWC-14

Prediction Limit
 Interwell Non-parametric

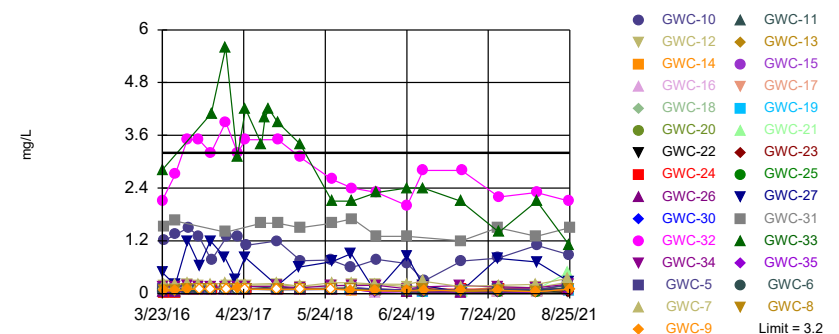


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 106 background values. 0.9434% NDs. Annual per-constituent alpha = 0.009946. Individual comparison alpha = 0.0001723 (1 of 2). Comparing 29 points to limit.

Constituent: Chloride, Total Analysis Run 10/5/2021 1:21 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.31 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 106 background values. 40.57% NDs. Annual per-constituent alpha = 0.009946. Individual comparison alpha = 0.0001723 (1 of 2). Comparing 29 points to limit.

Constituent: Fluoride, total Analysis Run 10/5/2021 1:21 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-29 (bg)	GWA-28 (bg)	GWA-1 (bg)	GWC-33	GWC-32	GWA-2 (bg)	GWC-27	GWC-30	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									
3/16/2017		<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	
5/2/2017					<0.08				

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-23	GWC-11	GWC-9
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	0.0635 (J)
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				0.0981 (J)
5/25/2016			<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									
7/25/2016								<0.08	0.26
7/26/2016			<0.08						
7/27/2016						<0.08	<0.08		
9/14/2016									
9/15/2016	<0.08	<0.08		<0.08	<0.08				
9/16/2016									
9/19/2016			<0.08			<0.08		<0.08	0.38
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	0.44
11/17/2016									
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	0.11
2/1/2017									
2/2/2017									
2/3/2017							<0.08		
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	0.071
3/24/2017									
3/28/2017							<0.08		
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	<0.08		<0.08						
5/2/2017		<0.08		<0.08	<0.08	<0.08		<0.08	0.089

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-23	GWC-11	GWC-9
5/3/2017									
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				0.12
10/4/2017			<0.08					0.022 (J)	
10/5/2017						<0.08	<0.08		
10/6/2017									
1/19/2018									
1/22/2018			<0.08						
1/23/2018	<0.08	<0.08		<0.08	<0.08				
1/24/2018								<0.08	0.044 (J)
1/25/2018						<0.08	<0.08		
1/26/2018									
6/19/2018		<0.08							
6/20/2018	<0.08						<0.08	<0.08	
6/21/2018									0.07
6/25/2018				<0.08	<0.08				
6/26/2018									
6/27/2018			<0.08			<0.08			
9/25/2018					<0.08				
9/26/2018						0.023 (J)			0.14
9/27/2018			<0.08					<0.08	
9/28/2018									
10/1/2018		<0.08					<0.08		
10/2/2018	<0.08								
10/3/2018				<0.08					
1/17/2019									
1/18/2019									
1/21/2019		<0.08							
1/22/2019									0.038 (J)
1/24/2019			<0.08			<0.08		<0.08	
1/25/2019							<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			0.068 (J)
6/26/2019	<0.08	<0.08		0.045 (J)	0.044 (J)		<0.08	<0.08	
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019	<0.08					<0.08			
9/12/2019		<0.08	<0.08	<0.08	<0.08		<0.08		
9/16/2019								<0.08	0.19
9/17/2019									
3/10/2020									
3/11/2020	<0.08	<0.08							
3/12/2020						<0.08			
3/13/2020			<0.08						

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-12	GWC-13	GWC-7	GWC-10	GWC-31	GWC-14	GWC-17	GWC-18
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	<0.08	<0.08	<0.08	<0.08					
3/30/2016					<0.08	<0.08	0.291	<0.08	<0.08
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	0.022 (J)			<0.08					
5/25/2016		<0.08	<0.08		<0.08	<0.08	0.443	<0.08	
5/26/2016									<0.08
7/21/2016									
7/22/2016		<0.08		<0.08					
7/25/2016									<0.08
7/26/2016	<0.08		<0.08				1.1		
7/27/2016					<0.08	<0.08		<0.08	
9/14/2016									
9/15/2016		<0.08	<0.08	<0.08			0.61		
9/16/2016					<0.08				
9/19/2016	<0.08							<0.08	<0.08
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016	<0.08	<0.08		<0.08					
11/17/2016			<0.08		<0.08		1	<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	<0.08			<0.08					
1/31/2017		<0.08	<0.08						
2/1/2017					<0.08		0.29	<0.08	<0.08
2/2/2017									
2/3/2017									
3/16/2017									
3/17/2017									
3/22/2017				<0.08					
3/23/2017	<0.08	<0.08	<0.08			<0.08	0.44	<0.08	
3/24/2017					<0.08			<0.08	<0.08
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017									
5/2/2017				<0.08		<0.08			

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-12	GWC-13	GWC-7	GWC-10	GWC-31	GWC-14	GWC-17	GWC-18
3/16/2020									
3/17/2020					<0.08	<0.08	1.2	<0.08	<0.08
3/18/2020		0.058 (J)							
9/9/2020									
9/10/2020		0.043 (J)	<0.08		<0.08		1.1		
9/11/2020						<0.08			
9/14/2020	<0.08			<0.08				<0.08	<0.08
9/15/2020									
9/16/2020									
3/15/2021									
3/16/2021	<0.08	<0.08		<0.08		<0.08		<0.08	<0.08
3/17/2021			<0.08				1		
3/18/2021					<0.08				
8/16/2021									
8/18/2021									
8/19/2021		0.077 (J)		<0.08					
8/20/2021	0.04 (J)				<0.08			<0.08	
8/23/2021			<0.08				0.61		
8/24/2021									<0.08
8/25/2021						<0.08			

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-32	GWC-33	GWC-27	GWA-2 (bg)	GWC-30	GWA-4 (bg)
3/22/2016	2.86	4.65							
3/23/2016			0.893	5.18	13.8	1.73	3.09	3.03	24.2
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				6.58	9.38	0.745	3.51		
5/25/2016									
5/26/2016									
7/21/2016		4.7	0.6					2.9	30
7/22/2016				7.1	9				
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				8.7	11		3.6		
9/19/2016						1.2			
9/20/2016								3.2	
11/9/2016	2.6								
11/10/2016							3.7		27
11/11/2016			0.59			3.3			
11/14/2016								2.8	
11/15/2016				6.9					
11/16/2016									
11/17/2016					55 (O)				
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									
3/16/2017	2.7		0.72			1			27
3/17/2017							3.4	2.9	
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	
5/2/2017				15					

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-9	GWC-11	GWC-23
3/22/2016									
3/23/2016									
3/24/2016	3.27	1.97	1.72						
3/28/2016				23.9	10.8	12.3			
3/29/2016							12.6	15	3.32
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	2.82	1.97		26.3					
5/24/2016					13		14.9		
5/25/2016			1.68			7.2		18.5	3.4
5/26/2016									
7/21/2016	2.6	1.7		21	12				
7/22/2016									
7/25/2016							23	14	
7/26/2016			1.4						
7/27/2016						5.4			2.9
9/14/2016									
9/15/2016	2.9	1.9		20	16				
9/16/2016									
9/19/2016			1.5			8.4	25	18	
9/20/2016									3.3
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016			1.8						
11/15/2016	2.5	1.8		20		10			
11/16/2016					14		28	15	
11/17/2016									
11/18/2016									2.9
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		16	13				
1/31/2017							18	8	
2/1/2017									
2/2/2017									
2/3/2017									3.3
3/16/2017			1.7						
3/17/2017									
3/22/2017	2.7	1.8		17	12				
3/23/2017						13	19	9.3	
3/24/2017									
3/28/2017									3.1
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	3.1		1.6						
5/2/2017		2.1		38	12	41	18	14	

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-9	GWC-11	GWC-23
5/3/2017									
5/4/2017									3.3
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
10/3/2017	3.2	2.1		27	14		19		
10/4/2017			1.8					16	
10/5/2017						11			3.6
10/6/2017									
1/19/2018									
1/22/2018			1.9						
1/23/2018	3	2.2		31	14				
1/24/2018							16	12	
1/25/2018						12			3.3
1/26/2018									
6/19/2018		2							
6/20/2018	3.2							13	3.4
6/21/2018							13		
6/25/2018				35	12				
6/26/2018									
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									
10/1/2018		2.1							3.6
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									3.7
1/28/2019	2.9								
1/30/2019				34	12				
1/31/2019									
6/24/2019									
6/25/2019			1.8			3.5	14		
6/26/2019	2.8	2		39	12			11	3.6
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019	3.3					6			
9/12/2019		1.9	1.8	31	16				3.6
9/16/2019							19	14	
9/17/2019									
3/10/2020									
3/11/2020	2.6	1.8							
3/12/2020						8.9			
3/13/2020			2.3						

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-9	GWC-11	GWC-23
3/16/2020				33	12		8.9	3.1	
3/17/2020									
3/18/2020									4
9/9/2020				32					
9/10/2020								21	3.7
9/11/2020	2.7	2.1			15		14		
9/14/2020						3.4			
9/15/2020			2						
9/16/2020									
3/15/2021									
3/16/2021	3	2.2					11		
3/17/2021			2.1	34	15	7.1		13	
3/18/2021									3.5
8/16/2021									
8/18/2021		2.3			16				
8/19/2021			2.1	35		7.4			
8/20/2021									
8/23/2021								9.1	3.9
8/24/2021	2.7								
8/25/2021							12		

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-13	GWC-7	GWC-8	GWC-12	GWC-21	GWC-24	GWC-19	GWC-18	GWC-20
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	3.91	70.8	27.2	32.6					
3/30/2016					2.98	1.01	8.32	6.88	8.78
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016		63.2	30.8						
5/25/2016	4.06			38.3		0.69			
5/26/2016					3.16		6.78	6.42	9.13
7/21/2016									
7/22/2016		56		32					
7/25/2016							4.7	5.3	7.7
7/26/2016	3.7		24		2.9				
7/27/2016						0.4			
9/14/2016									
9/15/2016	3.7	60		33					
9/16/2016						1.3			
9/19/2016			30				4.3	5.4	
9/20/2016					3.6				8.9
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/15/2016									
11/16/2016		59	30	34					
11/17/2016	3.5				2.8		4.1	5.5	7.9
11/18/2016						1.3			
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017									
1/26/2017		61	29						
1/31/2017	4.1			40					
2/1/2017								7.3	
2/2/2017					3.3		14		8.9
2/3/2017						1.2			
3/16/2017									
3/17/2017									
3/22/2017		56							
3/23/2017	3.9		33	37					
3/24/2017							8.7	6.4	
3/28/2017					3.2				7.9
3/29/2017						1.3			
4/27/2017									
4/28/2017									
5/1/2017									
5/2/2017		59							

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-31	GWC-17	GWC-10	GWC-16	GWC-14	GWA-3 (bg)	GWC-22
3/22/2016								
3/23/2016								
3/24/2016								
3/28/2016								
3/29/2016								
3/30/2016	13.3	11.3	8.15	27.6	6.72	13.8		
3/31/2016							39.6	11.5
5/19/2016								
5/20/2016								
5/23/2016								
5/24/2016								
5/25/2016	10.6	12.9	8.68	28.5	7.09	22.2	28.3	
5/26/2016								11.5
7/21/2016								
7/22/2016								
7/25/2016								
7/26/2016	7.2					28		9.5
7/27/2016		12	7.9	29	6.4		22	
9/14/2016								
9/15/2016						30		
9/16/2016				27	6.7			
9/19/2016			7.8					
9/20/2016	6.9							11
11/9/2016								
11/10/2016								
11/11/2016								
11/14/2016								
11/15/2016								
11/16/2016								
11/17/2016	6.1		7.5	29	6.3	46		10
11/18/2016								
1/17/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/25/2017		8.3						
1/26/2017								
1/31/2017								
2/1/2017	9.6		8.7	26	6.8	15		
2/2/2017								
2/3/2017								11
3/16/2017								
3/17/2017								
3/22/2017								
3/23/2017	9.9	10				18		
3/24/2017			7.5	24	6.3			
3/28/2017								9.8
3/29/2017								
4/27/2017								
4/28/2017								
5/1/2017								
5/2/2017		9.8						

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-15	GWC-31	GWC-17	GWC-10	GWC-16	GWC-14	GWA-3 (bg)	GWC-22
3/16/2020	14							
3/17/2020		10	8.5	15	7.4	40		
3/18/2020								11
9/9/2020							12	
9/10/2020	7.8			29		39		10
9/11/2020		11			6.9			
9/14/2020			6.6					
9/15/2020								
9/16/2020								
3/15/2021							16	11
3/16/2021		9.7	7.9					
3/17/2021					7.3	38		
3/18/2021	12			19				
8/16/2021								
8/18/2021							16	
8/19/2021								11
8/20/2021			8.7	14	7.1			
8/23/2021						21		
8/24/2021	8.6							
8/25/2021		9.4						

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 10/5/2021 1:23 PM 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	GWA-2 (bg)	GWC-30	GWC-27	GWC-32
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		4.7		0.96 (J)	
10/4/2017			1.7				1.2		
10/5/2017					2.1				
10/6/2017									1.1
1/19/2018	1.1	1	1.6			4.3		0.91 (J)	
1/22/2018				15					
1/23/2018					2				<1
1/24/2018							1.1		
1/25/2018									
1/26/2018									
6/19/2018	1.2	1.2	1.7	12		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	1.7	17		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			1.8	11		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		1.2		0.98 (J)
1/31/2019									
6/24/2019			1.7	11		6.1			
6/25/2019	1.3	24							
6/26/2019					2.2			1.1	
6/27/2019							1.4		1.1
9/9/2019			1.9						
9/10/2019	1.3	1.3		17		5.1	1.3		
9/11/2019									
9/12/2019					2.1			0.88 (J)	0.99 (J)
9/16/2019									
9/17/2019									
3/10/2020	1.4	1.1	2	10		3.9			
3/11/2020							1.5		
3/12/2020					2.4			1.3	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-13	GWC-9	GWC-11
3/22/2016									
3/23/2016									
3/24/2016	1.2259	4.4998	2.8217						
3/28/2016				9.818	5.312	5.992			
3/29/2016							1.3057	7.395	3.4214
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	1.19	4.19		10.4					
5/24/2016					6.21			16.4	
5/25/2016			2.93				1.27		5.33
5/26/2016						8.14			
7/21/2016	1.3	4.4		11	6.6				
7/22/2016									
7/25/2016								55	5.8
7/26/2016			3				1.4		
7/27/2016						6.3			
9/14/2016									
9/15/2016	1.2	4		10	6.1		1.3		
9/16/2016									
9/19/2016			2.9			5.1		73	5.2
9/20/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016			2.8						
11/15/2016	1.2	4.2		11		3.9			
11/16/2016					6.2			83	6.7
11/17/2016							1.2		
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		9.2	5.8				
1/31/2017							1.2	17	2.1
2/1/2017									
2/2/2017									
2/3/2017									
3/16/2017			2.7						
3/17/2017									
3/22/2017	1.1	3.9		8.7	5.2				
3/23/2017						3.2	1.2	8.2	2
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017	1.1		2.8						
5/2/2017		4		13	5.1	3.5		11	3.3

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-34	GWC-35	GWC-26	GWC-5	GWC-6	GWC-25	GWC-13	GWC-9	GWC-11
5/3/2017							1.1		
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	1.1	3.8		12	5.4			10	
10/4/2017			2.8						3.5
10/5/2017						3.5	1.1		
10/6/2017									
1/19/2018									
1/22/2018			2.6						
1/23/2018	0.95 (J)	3.5		13	5.1				
1/24/2018								5.6	2.3
1/25/2018						3.6	1		
1/26/2018									
6/19/2018		3.4							
6/20/2018	1.1						1.2		3.1
6/21/2018								4.5	
6/25/2018				12	5.5				
6/26/2018									
6/27/2018			2.8			5.2			
9/25/2018					6.3				
9/26/2018						5.6		19	
9/27/2018			3						3.3
9/28/2018									
10/1/2018		3.6							
10/2/2018	1.1						1.3		
10/3/2018				17					
1/17/2019									
1/18/2019									
1/21/2019		3.5							
1/22/2019							1.2	2.3	
1/24/2019			3.1			8.7			0.94 (J)
1/25/2019									
1/28/2019	1.3								
1/30/2019				15	5.3				
1/31/2019									
6/24/2019									
6/25/2019			3			9	1.3	7.7	
6/26/2019	1.2	3.4		10	6				3.2
6/27/2019									
9/9/2019									
9/10/2019									
9/11/2019	1.1					7.9			
9/12/2019		3.2	2.3	13	7.7		1		
9/16/2019								29	3.1
9/17/2019									
3/10/2020									
3/11/2020	1.4	3.5							
3/12/2020						6.9	1.3		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-17	GWC-10	GWC-21	GWC-31	GWC-22	GWA-3 (bg)	GWC-7
5/3/2017		1.2	3.9			1.5		
5/4/2017	3.2			3.4				
7/18/2017								
7/19/2017					1.6			
8/1/2017								
8/4/2017								
8/24/2017								
10/3/2017							9.5	23
10/4/2017		1.1	3.9					
10/5/2017	3.3					1.5		
10/6/2017				3.2	1.7			
1/19/2018								
1/22/2018								
1/23/2018					1.4			18
1/24/2018								
1/25/2018	3.1	0.99 (J)	4.2			1.3		
1/26/2018				3.3				
6/19/2018								
6/20/2018				3.5		1.5	12	
6/21/2018			4.6					
6/25/2018								19
6/26/2018		1.1						
6/27/2018	3.8				1.5			
9/25/2018								
9/26/2018								
9/27/2018			5.4	3.1				
9/28/2018	3.8							
10/1/2018						1.6		
10/2/2018		1.2						19
10/3/2018					1.7			
1/17/2019								
1/18/2019							19	
1/21/2019								17
1/22/2019								
1/24/2019		1.2		4.1		1.6		
1/25/2019								
1/28/2019								
1/30/2019								
1/31/2019	4.1		4		1.3			
6/24/2019								
6/25/2019		1.2		3.5		1.7	<1	16
6/26/2019	4.4		4.2		1.5			
6/27/2019								
9/9/2019								
9/10/2019						1.6		15
9/11/2019	4.2	1.1		2.9			22	
9/12/2019								
9/16/2019								
9/17/2019			3.6					
3/10/2020							43	
3/11/2020								
3/12/2020	4.2							13

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-24	GWC-17	GWC-10	GWC-21	GWC-31	GWC-22	GWA-3 (bg)	GWC-7
3/13/2020								
3/16/2020								
3/17/2020		1.3	3.7		1.6			
3/18/2020				3.8		1.8		
9/9/2020							34	
9/10/2020			4.6			1.6		
9/11/2020					1.7			
9/14/2020		1.3						12
9/15/2020	4.9			3.2				
9/16/2020								
3/15/2021						1.5	49	
3/16/2021		1.2		3.5	1.4			13
3/17/2021								
3/18/2021	4.4		3.2					
8/16/2021								
8/18/2021							41	
8/19/2021	5.2			15		1.8		12
8/20/2021		1.4	4.8					
8/23/2021								
8/24/2021								
8/25/2021					1.5			

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell

Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-27	GWC-30	GWC-32	GWC-33	GWA-4 (bg)	GWA-2 (bg)
3/22/2016	1.4375	2.2163							
3/23/2016			0.019 (J)	0.4759	0.0999 (J)	2.1209	2.8158	0.0713 (J)	0.0276 (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				0.198 (J)		2.71			0.023 (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				1.2					<0.1
7/27/2016									
9/14/2016								<0.1	
9/15/2016	1.6		<0.1						
9/16/2016						3.5			<0.1
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									
3/16/2017	1.7		<0.1	0.32				<0.1	
3/17/2017					0.084 (J)				<0.1
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	0.83					<0.1
5/1/2017					0.092 (J)		4.2		
5/2/2017						3.5			

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWA-28 (bg)	GWA-29 (bg)	GWA-1 (bg)	GWC-27	GWC-30	GWC-32	GWC-33	GWA-4 (bg)	GWA-2 (bg)
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		0.18 (J)				<0.1	<0.1
10/4/2017			<0.1		0.091 (J)				
10/5/2017							3.9		
10/6/2017						3.5			
1/19/2018	1.4	2.1	<0.1	0.6					<0.1
1/22/2018								<0.1	
1/23/2018						3.1	3.4		
1/24/2018					<0.1				
1/25/2018									
1/26/2018									
6/19/2018	1.6	2.3	<0.1					0.084 (J)	<0.1
6/20/2018									
6/21/2018					<0.1				
6/25/2018									
6/26/2018						2.6	2.1		
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						2.4	2.1		
10/3/2018					0.13 (J)				
1/17/2019			<0.1					0.06 (J)	<0.1
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					0.1 (J)	2.3	2.3		
1/31/2019									
6/24/2019			0.031 (J)					0.08 (J)	0.032 (J)
6/25/2019	1.9	0.034 (J)							
6/26/2019				0.85			2.4		
6/27/2019					0.073 (J)	2			
9/9/2019			<0.1						
9/10/2019	1.8	2.6			0.1 (J)			0.091 (J)	<0.1
9/11/2019									
9/12/2019				0.18		2.8	2.4		
9/16/2019									
9/17/2019									
3/10/2020	2	1.7	<0.1					0.056 (J)	<0.1
3/11/2020					0.066 (J)				
3/12/2020				0.044 (J)			2.1		

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-5	GWC-6	GWC-25	GWC-11	GWC-13	GWC-7
3/22/2016									
3/23/2016									
3/24/2016	0.0396 (J)	0.1653 (J)	0.0318 (J)						
3/28/2016				0.1116 (J)	0.0752 (J)	0.0542 (J)			
3/29/2016							0.1377 (J)	0.1084 (J)	0.2179 (J)
3/30/2016									
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016	0.0343 (J)	0.155 (J)		0.1022 (J)					
5/24/2016					0.081 (J)				0.216 (J)
5/25/2016			0.0282 (J)				0.1521 (J)	0.1002 (J)	
5/26/2016						0.034 (J)			
7/21/2016	<0.1	0.19 (J)		0.11 (J)	0.088 (J)				
7/22/2016									0.23
7/25/2016							0.21		
7/26/2016			<0.1					0.12 (J)	
7/27/2016						<0.1			
9/14/2016									
9/15/2016	<0.1	0.16 (J)		0.084 (J)	0.084 (J)			0.1 (J)	0.22
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	<0.1	0.14 (J)		<0.1		<0.1			
11/16/2016					<0.1		0.14 (J)		0.22
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				0.23
1/31/2017							<0.1	0.11 (J)	
2/1/2017									
2/2/2017									
2/3/2017									
3/16/2017			<0.1						
3/17/2017									
3/22/2017	<0.1	0.14 (J)		<0.1	<0.1				0.2
3/23/2017						<0.1	0.097 (J)	0.088 (J)	
3/24/2017									
3/28/2017									
3/29/2017									
4/27/2017									
4/28/2017									
5/1/2017		0.16 (J)	<0.1						
5/2/2017	<0.1			0.1 (J)	<0.1	<0.1	0.11 (J)		0.21

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-35	GWC-34	GWC-26	GWC-5	GWC-6	GWC-25	GWC-11	GWC-13	GWC-7
5/3/2017								0.098 (J)	
5/4/2017									
7/18/2017									
7/19/2017									
8/1/2017									
8/4/2017									
8/24/2017									
10/3/2017	<0.1	0.17 (J)		0.089 (J)	<0.1				0.23
10/4/2017			<0.1				0.16 (J)		
10/5/2017						<0.1		0.1 (J)	
10/6/2017									
1/19/2018									
1/22/2018			<0.1						
1/23/2018	<0.1	0.13 (J)		0.085 (J)	<0.1				0.17 (J)
1/24/2018							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)					0.13 (J)	0.11 (J)	
6/21/2018									
6/25/2018				0.097 (J)	<0.1				0.25
6/26/2018									
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									
10/1/2018	<0.1								
10/2/2018		0.18 (J)						0.13 (J)	0.25
10/3/2018				0.13 (J)					
1/17/2019									
1/18/2019									
1/21/2019	0.031 (J)								0.22
1/22/2019								0.1 (J)	
1/24/2019			<0.1			<0.1	0.076 (J)		
1/25/2019									
1/28/2019		0.19 (J)							
1/30/2019				0.11 (J)	0.078 (J)				
1/31/2019									
6/24/2019									
6/25/2019			0.047 (J)			0.033 (J)		0.084 (J)	0.21
6/26/2019	0.045 (J)	0.11 (J)		0.081 (J)	0.059 (J)		0.096 (J)		
6/27/2019									
9/9/2019									
9/10/2019									0.28
9/11/2019		0.15				0.039 (J)			
9/12/2019	0.038 (J)		<0.1	0.078 (J)	0.076 (J)			0.065 (J)	
9/16/2019							0.12 (J)		
9/17/2019									
3/10/2020									
3/11/2020	0.035 (J)	0.18 (J)							
3/12/2020						0.032 (J)		0.044 (J)	0.16

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-12	GWC-9	GWC-23	GWC-10	GWC-15	GWC-31	GWC-24	GWC-16
3/22/2016									
3/23/2016									
3/24/2016									
3/28/2016									
3/29/2016	0.0698 (J)	0.1936 (J)	0.0671 (J)	0.0308 (J)					
3/30/2016					1.2013	0.0785 (J)	1.5245	0.0255 (J)	0.0391 (J)
3/31/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	0.072 (J)		0.06 (J)						
5/25/2016		0.1797 (J)		0.0285 (J)	1.34	0.0757 (J)	1.65	0.0182 (J)	0.034 (J)
5/26/2016									
7/21/2016									
7/22/2016		0.22							
7/25/2016			0.096 (J)						
7/26/2016	0.092 (J)					0.11 (J)			
7/27/2016				<0.1	1.5			<0.1	<0.1
9/14/2016									
9/15/2016		0.18 (J)							
9/16/2016					1.3			<0.1	<0.1
9/19/2016	<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	0.16 (J)	<0.1						
11/17/2016					0.76	<0.1			<0.1
11/18/2016				<0.1				<0.1	
1/17/2017									
1/19/2017									
1/20/2017									
1/24/2017									
1/25/2017							1.4		
1/26/2017	<0.1								
1/31/2017		0.19 (J)	<0.1						
2/1/2017					1.3	0.086 (J)			<0.1
2/2/2017									
2/3/2017				<0.1				<0.1	
3/16/2017									
3/17/2017									
3/22/2017									
3/23/2017	<0.1	0.17 (J)	0.12 (J)			<0.1			
3/24/2017					1.3				<0.1
3/28/2017				<0.1					
3/29/2017								<0.1	
4/27/2017									
4/28/2017									
5/1/2017									
5/2/2017			<0.1						

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-12	GWC-9	GWC-23	GWC-10	GWC-15	GWC-31	GWC-24	GWC-16
5/3/2017	<0.1	0.19 (J)			1.1	<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						
10/4/2017		0.2			1.2	<0.1			
10/5/2017	0.085 (J)			<0.1				<0.1	<0.1
10/6/2017							1.6		
1/19/2018									
1/22/2018									
1/23/2018							1.5		
1/24/2018	<0.1	0.16 (J)	<0.1						
1/25/2018				<0.1	0.75	<0.1		<0.1	<0.1
1/26/2018									
6/19/2018									
6/20/2018				<0.1		0.093 (J)			<0.1
6/21/2018	<0.1		<0.1		0.76				
6/25/2018									
6/26/2018		0.18 (J)							
6/27/2018							1.6	<0.1	
9/25/2018									
9/26/2018	<0.1		0.082 (J)						
9/27/2018					0.59				
9/28/2018		0.2						<0.1	
10/1/2018				<0.1		0.1 (J)			<0.1
10/2/2018									
10/3/2018							1.7		
1/17/2019									
1/18/2019									
1/21/2019									
1/22/2019	0.062 (J)		0.065 (J)			0.071 (J)			
1/24/2019									
1/25/2019		0.21		<0.1					0.027 (J)
1/28/2019									
1/30/2019									
1/31/2019					0.78		1.3	<0.1	
6/24/2019									
6/25/2019	0.055 (J)		0.066 (J)			0.068 (J)			0.052 (J)
6/26/2019		0.16 (J)		0.042 (J)	0.68		1.3	0.04 (J)	
6/27/2019									
9/9/2019									
9/10/2019	0.1 (J)								
9/11/2019		0.17						<0.1	0.038 (J)
9/12/2019				0.033 (J)					
9/16/2019			0.062 (J)						
9/17/2019					0.29	0.071 (J)			
3/10/2020									
3/11/2020									
3/12/2020	0.043 (J)							<0.1	

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 10/5/2021 1:23 PM View: Appendix III - Interwell
 Plant Wansley Client: Southern Company Data: Wansley Landfill

	GWC-8	GWC-12	GWC-9	GWC-23	GWC-10	GWC-15	GWC-31	GWC-24	GWC-16
3/13/2020									
3/16/2020			0.08 (J)			0.07 (J)			
3/17/2020					0.74		1.2		<0.1
3/18/2020		0.058 (J)		0.034 (J)					
9/9/2020									
9/10/2020		0.16		0.029 (J)	0.81	0.08 (J)			
9/11/2020			0.082 (J)				1.5		0.04 (J)
9/14/2020	0.062 (J)								
9/15/2020								<0.1	
9/16/2020									
3/15/2021									
3/16/2021	0.044 (J)	0.14	0.043 (J)				1.3		
3/17/2021									0.031 (J)
3/18/2021				<0.1	1.1	0.073 (J)		<0.1	
8/16/2021									
8/18/2021									
8/19/2021		0.26						0.089 (J)	
8/20/2021	0.1				0.89				0.065 (J)
8/23/2021				0.051 (J)					
8/24/2021						0.13			
8/25/2021			0.1				1.5		

FIGURE K.

Appendix III Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:27 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Chloride, Total (mg/L)	GWA-3 (bg)	6.895	42	38	Yes	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.83	138	74	Yes	19	0	n/a	n/a	0.01	NP

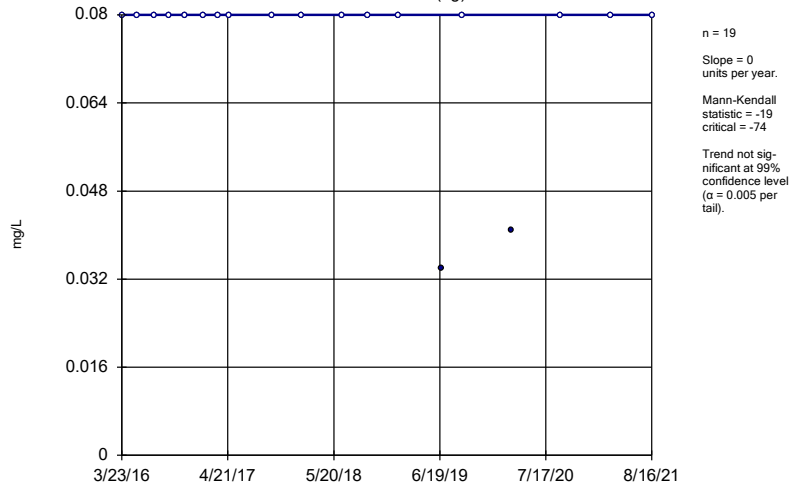
Appendix III Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 10/5/2021, 1:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	GWA-1 (bg)	0	-19	-74	No	19	89.47	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-2 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-28 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-29 (bg)	0	7	68	No	18	94.44	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-3 (bg)	0	0	43	No	13	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWA-4 (bg)	0	0	74	No	19	100	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-14	0.1103	54	74	No	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	GWC-9	-0.009777	-36	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-1 (bg)	0.03352	32	74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-2 (bg)	0.1601	42	74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-28 (bg)	0	-15	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-29 (bg)	-0.04106	-39	-68	No	18	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3 (bg)	6.895	42	38	Yes	12	8.333	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-4 (bg)	-1.12	-51	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	GWC-14	10.97	60	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-1 (bg)	0	5	74	No	19	89.47	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-2 (bg)	0.04582	31	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-28 (bg)	0.05734	29	74	No	19	5.263	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-29 (bg)	-0.3824	-39	-68	No	18	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-3 (bg)	-21.22	-28	-38	No	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWA-4 (bg)	0	7	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-12	1.83	138	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	GWC-22	0	7	74	No	19	63.16	n/a	n/a	0.01	NP

Sen's Slope Estimator

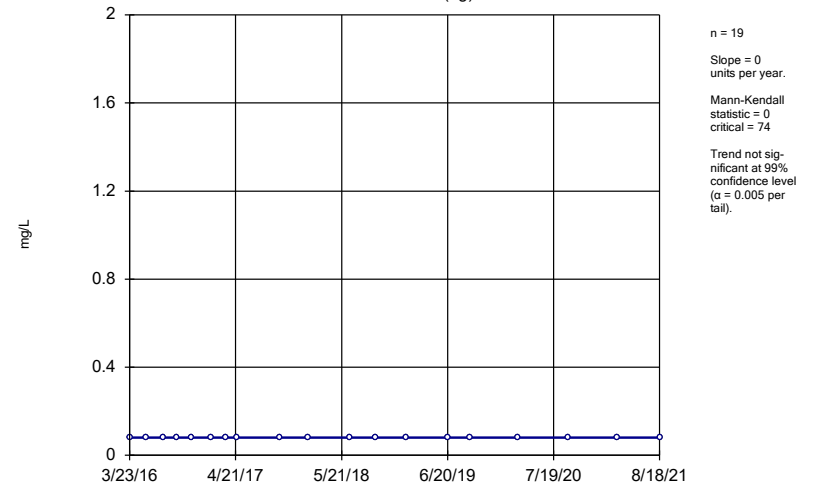
GWA-1 (bg)



Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

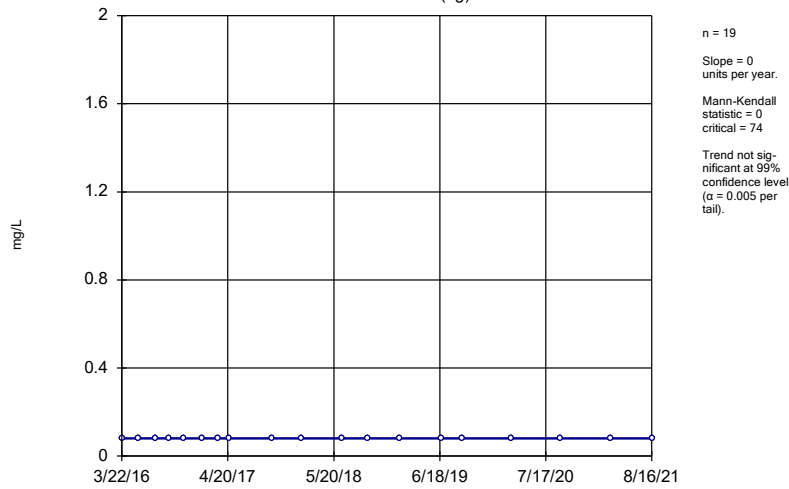
GWA-2 (bg)



Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

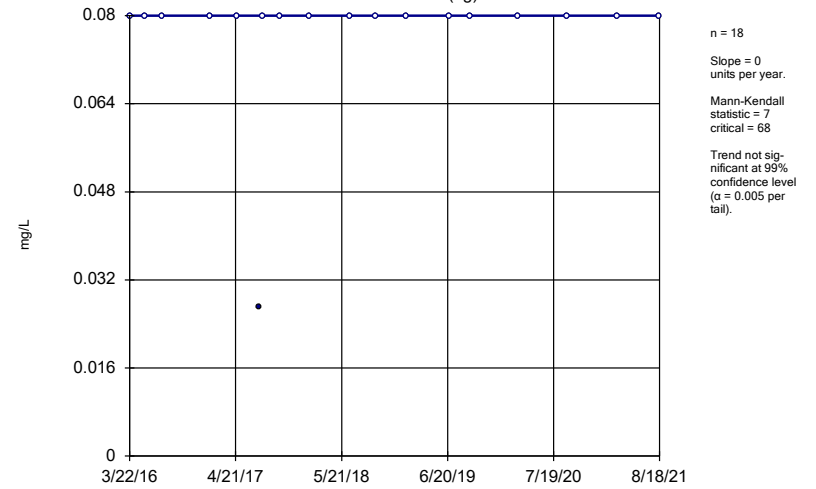
GWA-28 (bg)



Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

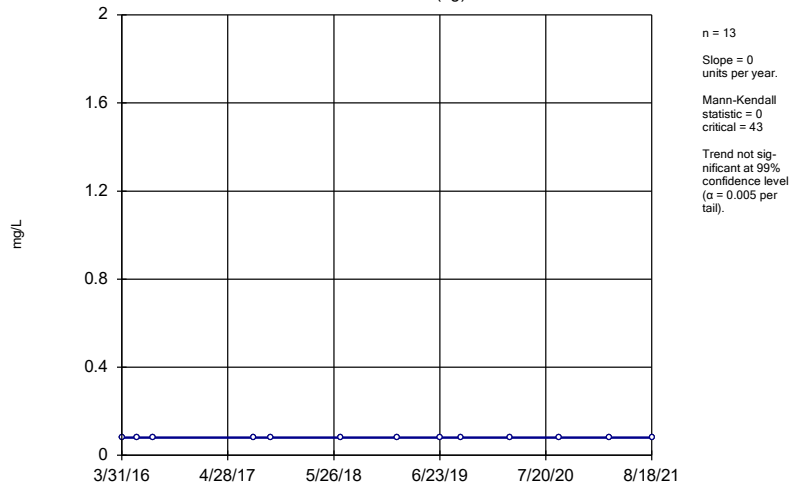
Sen's Slope Estimator

GWA-29 (bg)



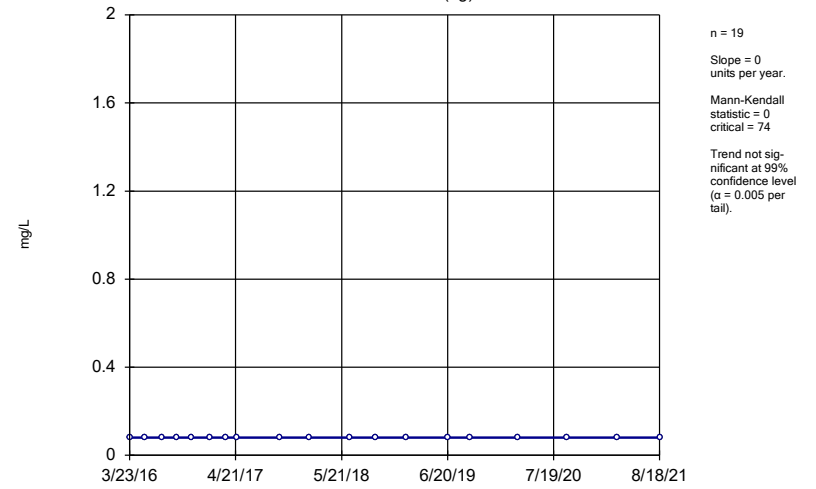
Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



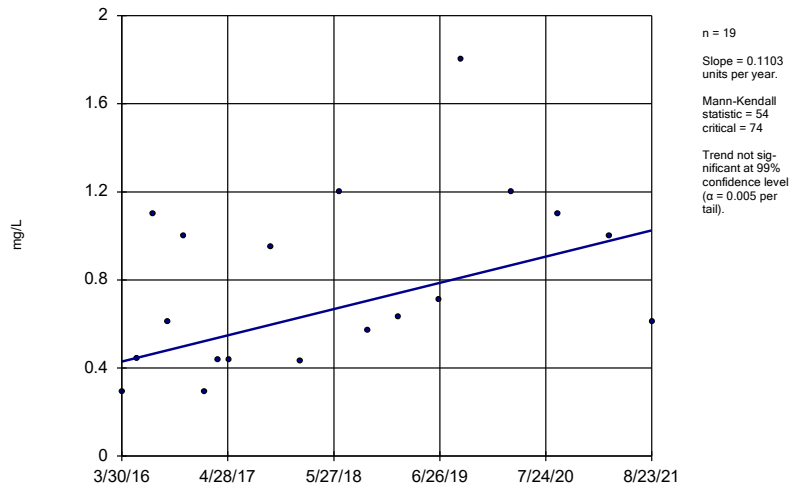
Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



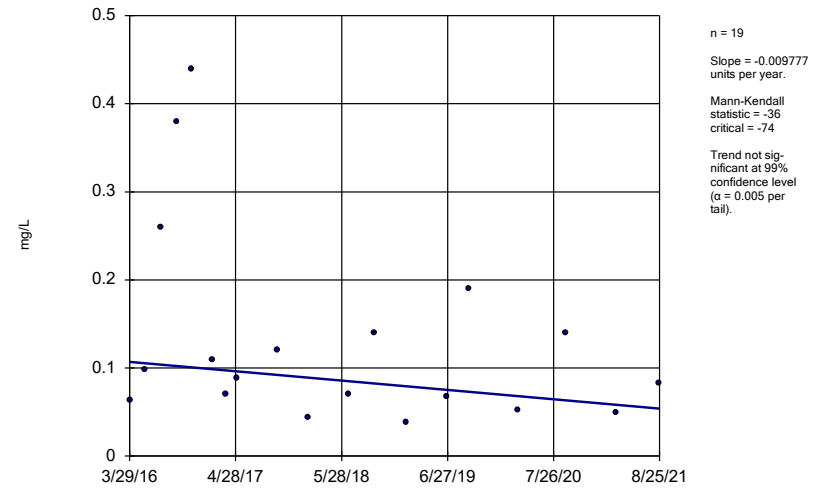
Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-14



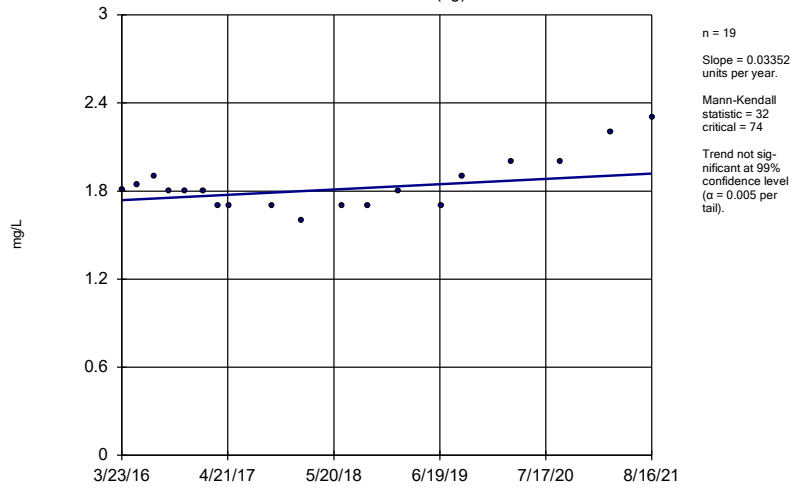
Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-9



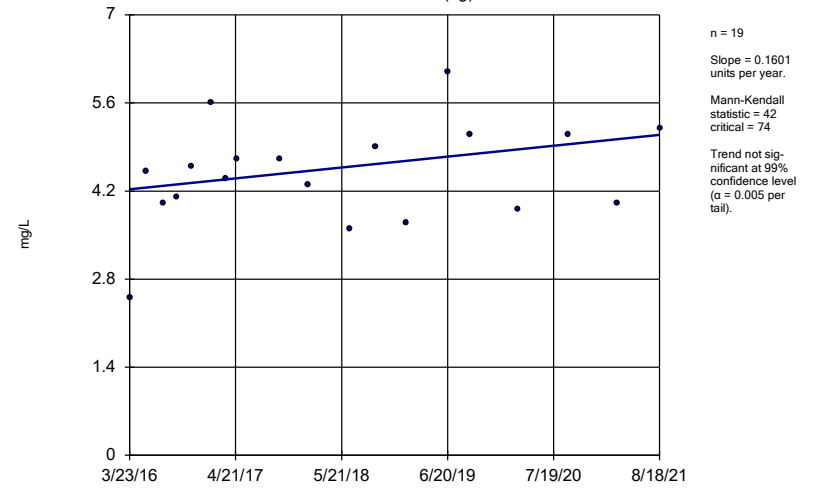
Constituent: Boron, total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-1 (bg)



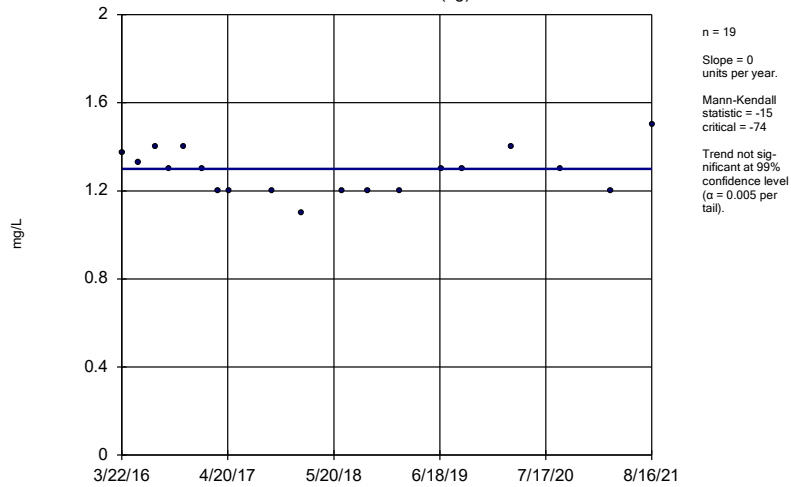
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-2 (bg)



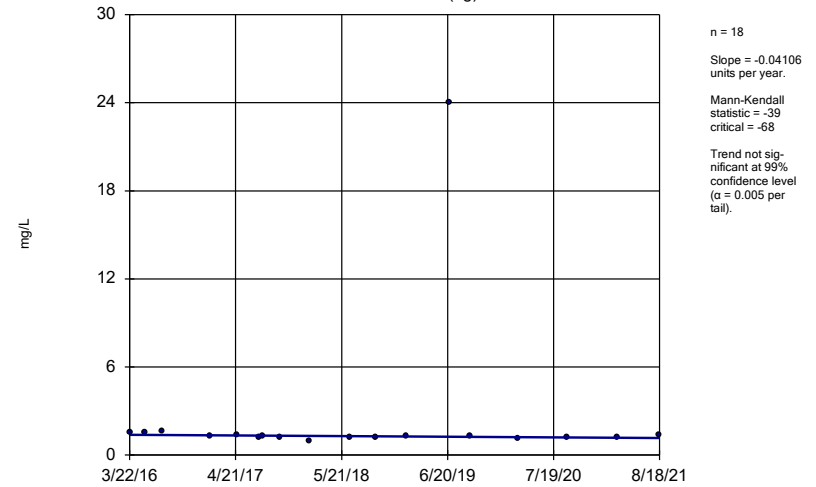
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-28 (bg)



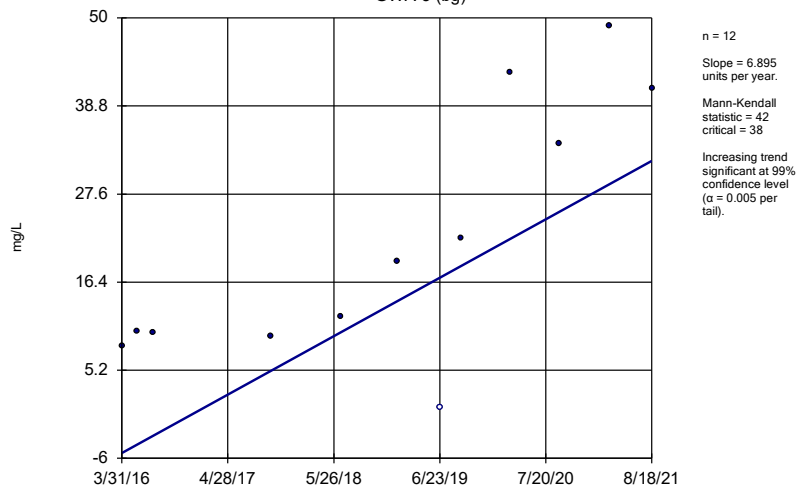
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-29 (bg)



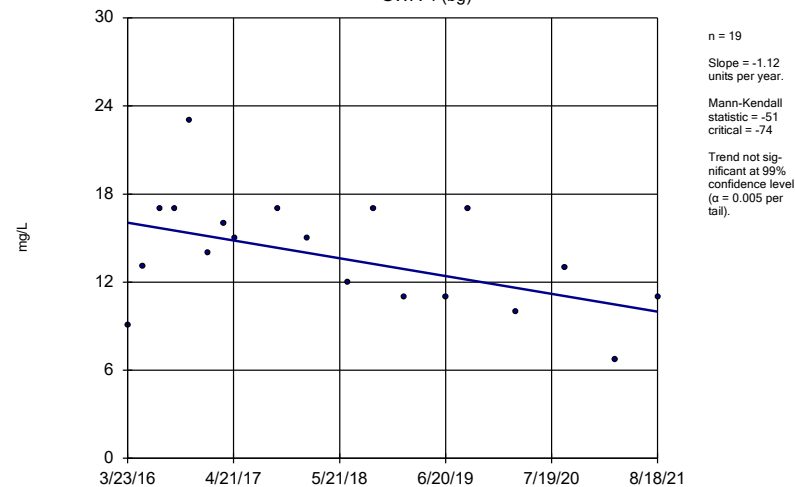
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-3 (bg)



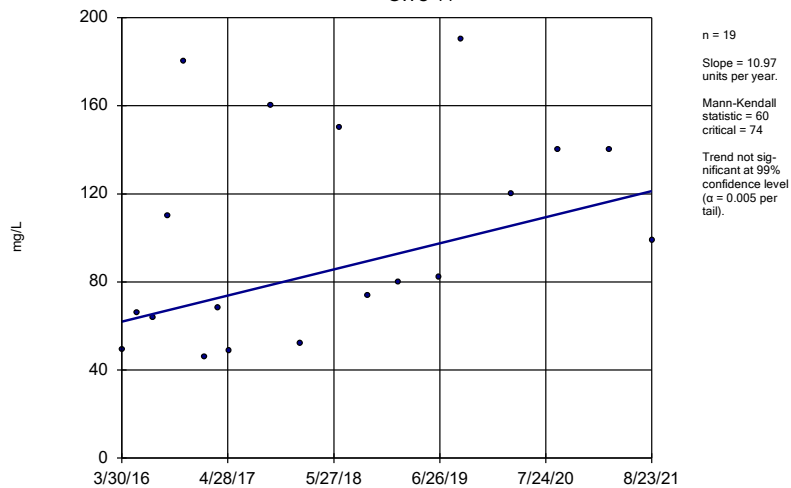
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-4 (bg)



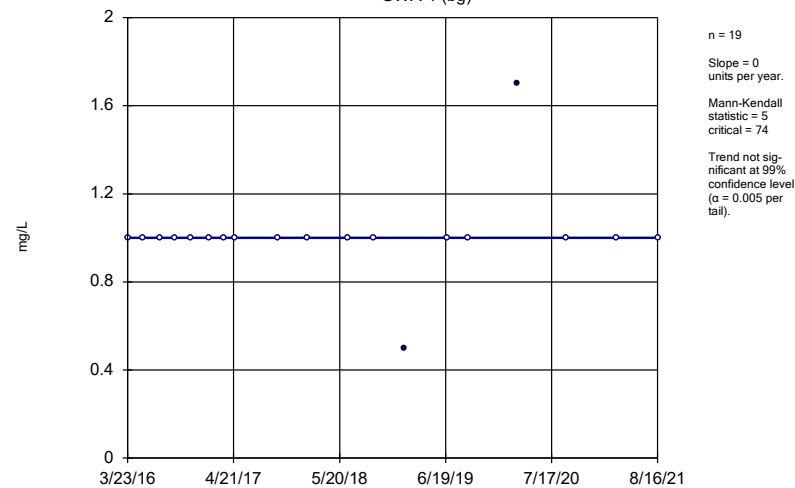
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWC-14



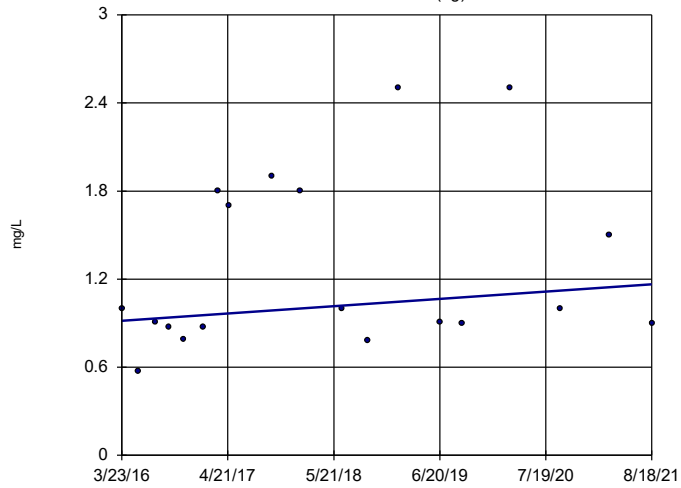
Constituent: Chloride, Total Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator GWA-1 (bg)



Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

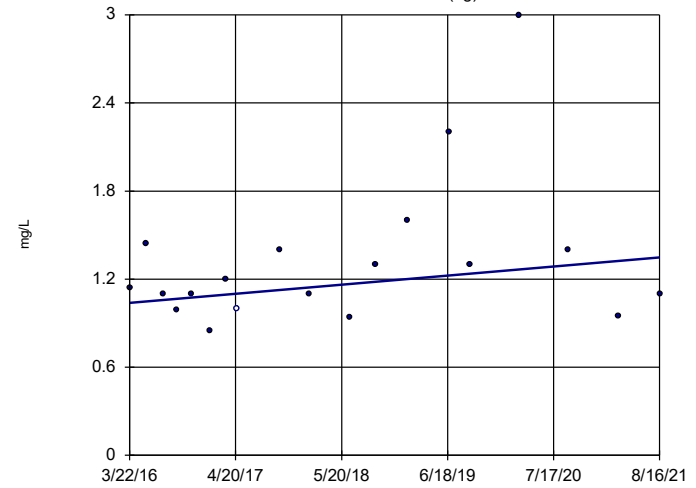
Sen's Slope Estimator
GWA-2 (bg)



n = 19
Slope = 0.04582 units per year.
Mann-Kendall statistic = 31
critical = 74
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

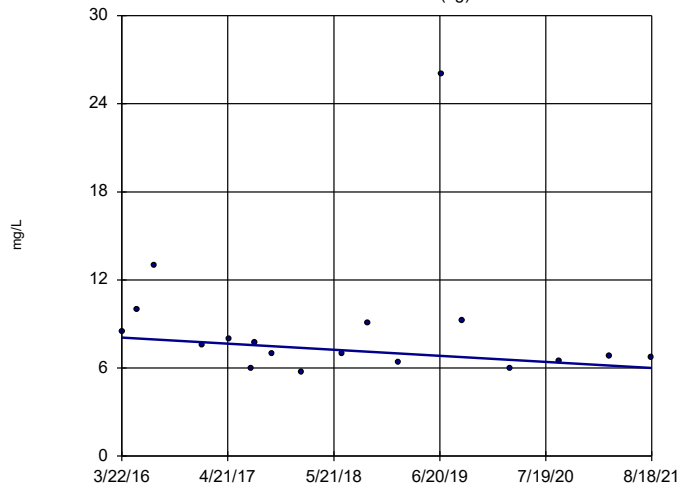
Sen's Slope Estimator
GWA-28 (bg)



n = 19
Slope = 0.05734 units per year.
Mann-Kendall statistic = 29
critical = 74
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

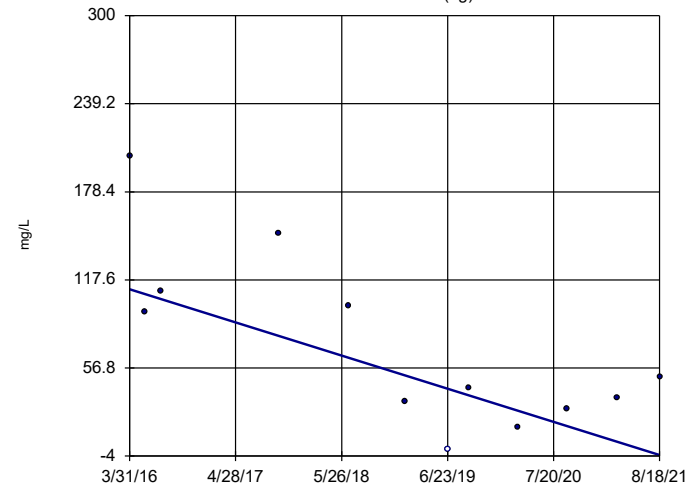
Sen's Slope Estimator
GWA-29 (bg)



n = 18
Slope = -0.3824 units per year.
Mann-Kendall statistic = -39
critical = -68
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator
GWA-3 (bg)

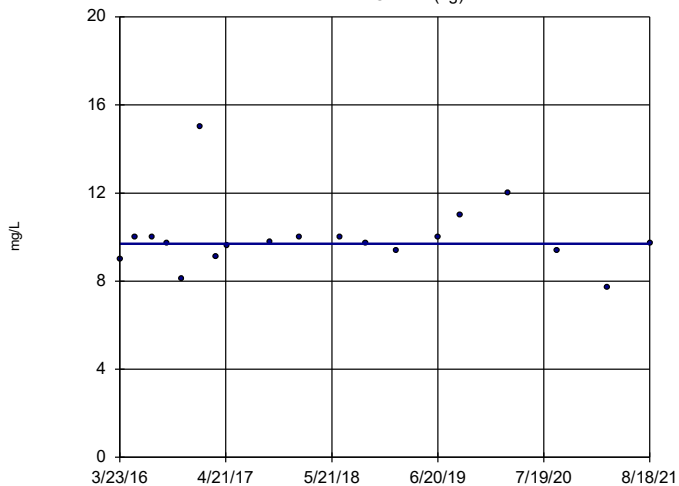


n = 12
Slope = -21.22 units per year.
Mann-Kendall statistic = -28
critical = -38
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWA-4 (bg)

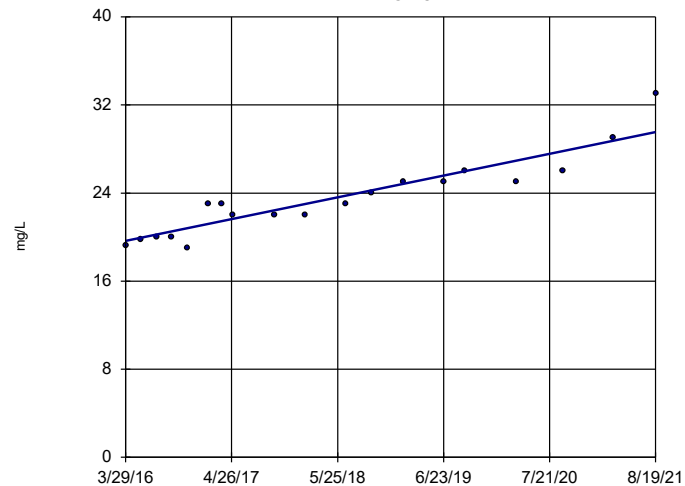


n = 19
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 7
 critical = 74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWC-12

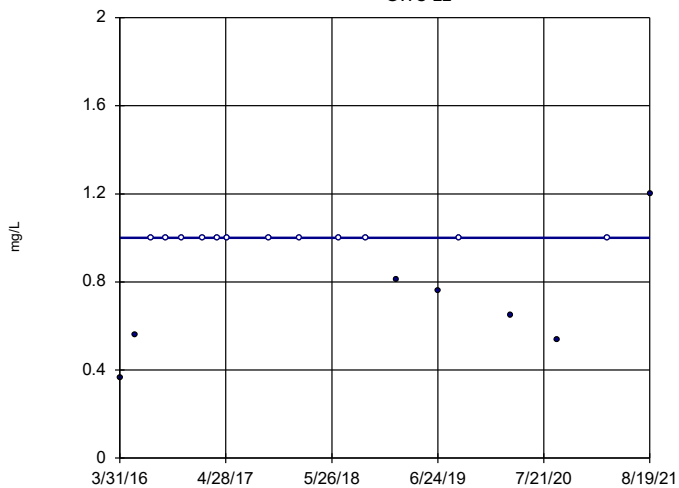


n = 19
 Slope = 1.83
 units per year.
 Mann-Kendall
 statistic = 138
 critical = 74
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator

GWC-22



n = 19
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 7
 critical = 74
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate as SO4 Analysis Run 10/5/2021 1:26 PM View: Trend Tests
 Plant Wansley Client: Southern Company Data: Wansley Landfill



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