



Plant Wansley CCR Landfill  
PERMIT #: 074-005D(LI)  
Heard County

2021 SEMIANNUAL GROUNDWATER MONITORING AND  
CORRECTIVE ACTION REPORT



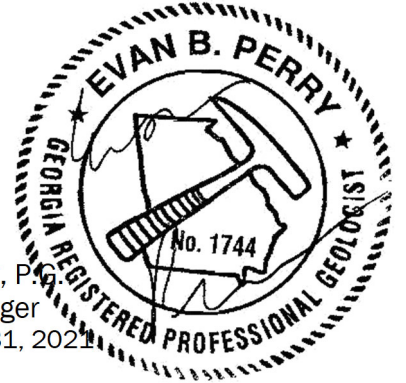
## PROFESSIONAL CERTIFICATION

This *2021 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company - Plant Wansley Landfill* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residuals Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 and 391-3-4-.14 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc. (ACC).

### ATLANTIC COAST CONSULTING, INC.



William M. Malone  
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Date: August 31, 2021



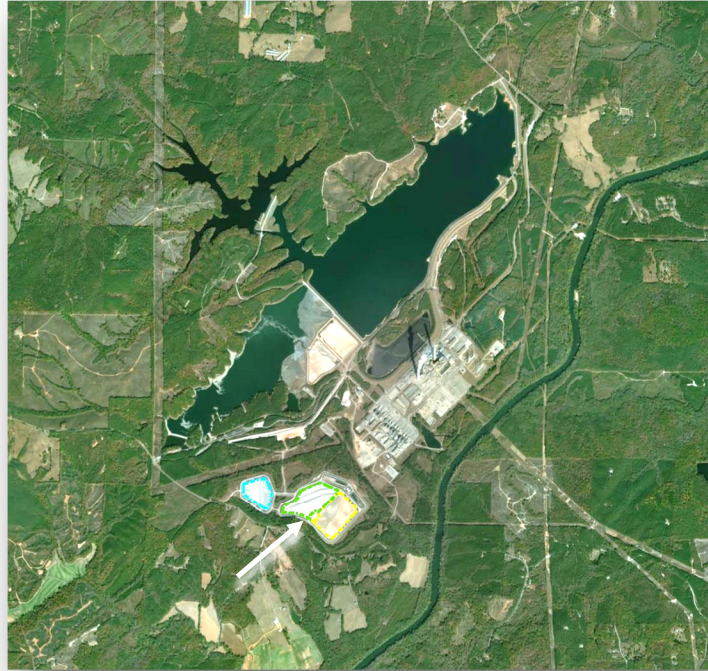
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## SUMMARY

This summary of the 2021 Semiannual Groundwater Monitoring and Corrective Action Report provides the groundwater monitoring and corrective action program status through June 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 6<sup>1</sup> of the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals 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 6 upgradient and 29 downgradient wells installed during 2011 to meet 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 parameters 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 parameters 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 semiannual reporting period, the Site remained in detection monitoring.

During the reporting period, ACC conducted a groundwater sampling event in March 2021. 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. That evaluation showed a statistically significant value of an Appendix III<sup>2</sup> parameter, boron in GWC-14. Boron in GWC-14 was previously addressed by an ASD (ACC, 2018a).

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<sup>1</sup> 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

<sup>2</sup> Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program from January through June 2021, the Site will continue in detection monitoring. All SSIs 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 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the Site. Semiannual monitoring and reporting for the CCR Unit are performed in accordance with the monitoring requirements of 40 CFR § 257.90 through § 257.95 of the Federal CCR Rule and Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

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 EPD in November 2018 for the facility to replace the existing Solid Waste Permit.

This report provides the results of the sampling event conducted in March 2021 and includes 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 Semiannual 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 layer of compacted clay [maximum permeability of  $1 \times 10^{-5}$  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 Design and Operation (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 (Figure 3, Potentiometric Contour Map - March 2021).

## 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 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 semiannual period; the network remained the same as in the previous reporting year, i.e., 2020. Monitoring well-related activities were limited to the following: visual inspection of well conditions prior to sampling, recording the conditions, and performing exterior maintenance to perform sampling under safe and clean conditions. A well inspection checklist completed during sampling is included in Appendix A, Laboratory Analytical and Field Sampling Reports.



## 2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved EPD Solid Waste Permit and the Site's D&O Plan. The first semiannual sampling event was conducted in March 2021. A summary of groundwater sampling events completed during the semiannual monitoring 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 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).

A summary of the analytes required by Appendix I and Appendix III is provided 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. Locations SWC-2 and SWC-4 were dry at the time of sampling in March 2021. Results are presented in Table 4, Summary of Surface Water Analytical Data – March 2021.

Due to reduced plant operation, flue gas desulfurization (FGD) equipment Units 1 and 2 were not in operation at the time of sampling; therefore, no effluent samples were collected. Field parameter logs and laboratory analytical reports for surface water samples collected during the March 2021 monitoring event are included in Appendix A.

## 2.4 Alternate Source Demonstrations

As discussed in Section 4.0, there were statistically significant increases (SSIs) of Appendix I and Appendix III parameters above background identified for the March 2021 data set that have been addressed by previous alternate source demonstrations (ASD). ASDs have been previously prepared to address SSIs of the following parameters at the indicated wells:

- Barium - GWC-14 (ACC, 2020a);
- Boron - GWC-14 (ACC, 2018a);
- Chloride – GWC-14 (ACC, 2018a);
- Cobalt - GWC-14 (SCS, 2017); and
- Nickel - GWC-14 (SCS, 2017).

These ASDs demonstrate that the above SSIs are not associated with a release from the landfill.

### 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 event are summarized in Table 5, Summary of Groundwater Elevations – March 2021. Groundwater elevation data were used to develop Figure 3. As shown on the figure, 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 Table 6, Horizontal Groundwater Flow Velocity Calculations – March 2021. The calculated flow velocity was approximately 0.48 feet per day during the March 2021 event.

#### 3.2 Groundwater Sampling

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

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

- ± 0.1 standard units for pH
- ± 5% for specific conductance
- ± 10% for DO, where DO > 0.5 milligrams per liter (mg/L). No criterion applies if DO < 0.5 mg/L.

- Turbidity measurements less than 5 nephelometric turbidity units (NTU)

Once stabilization was achieved, samples were collected directly into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Eurofins 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 all parameters analyzed for this project. In addition, Eurofins is certified to perform analysis by the State of Georgia. Analytical results from the March 2021 detection event are summarized in Table 7, Summary of Groundwater Analytical Data – March 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 summary of the data validation is included in Appendix A.

Values followed by a "J" flag in Table 7 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 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 SSIs over background for constituents currently using intrawell statistical 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 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 EPD in 2019 and 2021. A summary of the statistical methodology used at the Site for routine groundwater monitoring is provided in Table 8, Statistical Method Summary. Statistical analysis methods and results are provided in Appendix B, Statistical Analysis Report. A summary of methods and results are provided 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 all 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 exceedance. 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 exceedance.

#### **4.2 Statistical Analyses Results for Appendix I Parameters**

Analytical data from the monitoring event in March 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 2021 monitoring event have been addressed by ASDs.

##### **4.2.1 March 2021 Detection Monitoring Event**

Based on the statistical results presented in Appendix B, the following summarizes parameters exhibiting 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).

#### **4.3 Statistical Analyses Results for Appendix III Parameters**

Analytical data from the monitoring event in March 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.

Based on the statistical results presented in Appendix B, Section 4.3.1 summarizes parameters exhibiting verified SSIs during the monitoring event.

##### **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

For boron and chloride at GWC-14, the SSIs are consistent with historical results and were previously addressed by an ASD completed in April 2018 (ACC, 2018). A summary of all historical ASDs is provided in Section 2.4.

## **5.0 MONITORING PROGRAM STATUS**

The Site groundwater monitoring network remains in detection monitoring. Verified SSIs of Appendix I and Appendix III parameters were addressed by previous ASDs.

## 6.0 CONCLUSIONS AND FUTURE ACTIONS

This 2021 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley Landfill was prepared to fulfill the requirements of both applicable federal and state CCR Rules and GA EPD Solid Waste Management Rules (§ 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 EPD permit and Appendix III groundwater monitoring parameters. All verified SSIs have been addressed by ASDs and the Site remains in detection monitoring.

The next semiannual monitoring event is tentatively scheduled for August 2021.

## 7.0 REFERENCES

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US EPA, 2017, Groundwater Sampling - Operating Procedure: SESDPROC-3-1-R4, Athens, Georgia, 34 p.

US EPA, 2020. Field Equipment Cleaning and Decontamination - Operating Procedure: 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.
4. Wells resurveyed December 2020.

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

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

Equation

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

where: v = ground water velocity  
K = hydraulic conductivity  
i = hydraulic gradient  
P<sub>e</sub> = effective porosity

Values Used in Calculation

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

Calculation

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

Notes

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

**Table 7**  
**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
<b>Appendix III</b>	<b>Boron</b>	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	<b>Calcium</b>	0.82	3.2	16	21	34	15	47
	<b>Chloride</b>	2.2	4.0	49	6.7	9.7	7.8	13
	<b>Fluoride</b>	0.036 J	<0.026	0.027 J	0.046 J	0.094 J	0.073 J	0.21
	<b>pH</b>	5.55	5.44	5.28	6.00	6.62	6.10	6.50
	<b>Sulfate</b>	<0.76	1.5	36	7.7	26	12	45
	<b>TDS</b>	<10	39	170	120	180	110	390
<b>Required by Permit</b>	<b>Antimony</b>	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	<b>Arsenic</b>	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	<b>Barium</b>	0.010	0.011	0.10	0.13	0.021	0.059	0.066
	<b>Beryllium</b>	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	<b>Cadmium</b>	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	<b>Chromium</b>	<0.0015	<0.0015	<0.0015	<0.0015	0.0015 J	<0.0015	<0.0015
	<b>Cobalt</b>	0.00022 J	0.00021 J	0.0015 J	0.0073	0.0042	0.015	0.00057 J
	<b>Copper</b>	<0.00063	0.0010 J	0.0031	<0.00063	<0.00063	<0.00063	<0.00063
	<b>Lead</b>	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Mercury</b>	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Nickel</b>	0.00059 J	0.00076 J	0.0022	0.0027	0.0035	0.0060	0.0067
	<b>Selenium</b>	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	<b>Silver</b>	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	<b>Thallium</b>	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
	<b>Vanadium</b>	<0.00099	<0.00099	<0.00099	<0.00099	0.0025	<0.00099	0.0025
<b>Zinc</b>	<0.0032	<0.0032	0.015	0.044	<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 7**  
**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
<b>Appendix III</b>	<b>Boron</b>	0.050 J	<0.039	<0.039	<0.039	<0.039	1.0	0.071 J	<0.039
	<b>Calcium</b>	11	19	13	52	4.4	38	12	7.3
	<b>Chloride</b>	3.3	3.2	2.8	27	1.4	140	6.3	1.6
	<b>Fluoride</b>	0.043 J	1.1	0.080 J	0.14	0.10	0.036 J	0.073 J	0.031 J
	<b>pH</b>	5.78	6.13	6.23	7.62	7.19	5.31	6.92	6.16
	<b>Sulfate</b>	9.2	11	<0.76	29	2.5	16	1.7	<0.76
	<b>TDS</b>	100	130	170	250	42	430	86	91
<b>Required by Permit</b>	<b>Antimony</b>	<0.00038	<0.00038	<0.00038	<0.00038	0.00075 J	<0.00038	<0.00038	<0.00038
	<b>Arsenic</b>	<0.00031	<0.00031	0.0012	0.00041 J	<0.00031	<0.00031	<0.00031	<0.00031
	<b>Barium</b>	0.099	0.013	0.26	0.026	0.0039 J	0.26	0.011	0.017
	<b>Beryllium</b>	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	0.00074 J	<0.00018	<0.00018
	<b>Cadmium</b>	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	0.00043 J	<0.00022	<0.00022
	<b>Chromium</b>	0.0073	<0.0015	0.0016 J	0.0022	<0.0015	<0.0015	<0.0015	0.0027
	<b>Cobalt</b>	0.035	0.0018 J	0.0034	0.0013 J	<0.00013	0.15	<0.00013	<0.00013
	<b>Copper</b>	<0.00063	<0.00063	<0.00063	<0.00063	0.00064 J	<0.00063	<0.00063	<0.00063
	<b>Lead</b>	<0.00013	0.00013 J	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Mercury</b>	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Nickel</b>	0.012	0.00097 J	<0.00034	<0.00034	0.00066 J	0.018	<0.00034	<0.00034
	<b>Selenium</b>	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	0.0025 J	<0.0015	<0.0015
	<b>Silver</b>	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	<b>Thallium</b>	0.00017 J	<0.00015	<0.00015	<0.00015	<0.00015	0.00043 J	<0.00015	<0.00015
	<b>Vanadium</b>	0.0011	<0.00099	0.0029	<0.00099	<0.00099	<0.00099	<0.00099	0.0040
<b>Zinc</b>	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 7**  
**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
<b>Appendix III</b>	<b>Boron</b>	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	<b>Calcium</b>	7.9	7.8	9.6	8.9	6.0	11	3.5	0.18 J
	<b>Chloride</b>	1.2	1.8	2.2	2.0	3.5	1.5	2.0	4.4
	<b>Fluoride</b>	0.034 J	0.029 J	<0.026	0.031 J	<0.026	0.045 J	<0.026	<0.026
	<b>pH</b>	6.22	6.02	5.95	6.33	5.47	6.78	6.02	5.16
	<b>Sulfate</b>	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
	<b>TDS</b>	99	93	67	100	65	89	29	20
<b>Required by Permit</b>	<b>Antimony</b>	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	<b>Arsenic</b>	<0.00031	<0.00031	0.00031 J	0.00039 J	<0.00031	<0.00031	0.00038 J	<0.00031
	<b>Barium</b>	0.015	0.038	0.12	0.032	0.061	0.025	0.0050 J	0.0099 J
	<b>Beryllium</b>	<0.00018	<0.00018	0.00046 J	0.00041 J	<0.00018	0.00020 J	0.00052 J	0.00024 J
	<b>Cadmium</b>	<0.00022	<0.00022	<0.00022	<0.00022	0.00025 J	<0.00022	<0.00022	<0.00022
	<b>Chromium</b>	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	<b>Cobalt</b>	<0.00013	<0.00013	0.00038 J	<0.00013	0.0022 J	0.00013 J	0.00024 J	0.0028
	<b>Copper</b>	<0.00063	<0.00063	<0.00063	<0.00063	0.0012 J	<0.00063	0.00066 J	0.0022
	<b>Lead</b>	<0.00013	<0.00013	0.00017 J	0.00014 J	0.00019 J	0.00025 J	0.00029 J	0.00022 J
	<b>Mercury</b>	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Nickel</b>	<0.00034	<0.00034	0.0010	<0.00034	0.00097 J	<0.00034	0.00052 J	0.0017
	<b>Selenium</b>	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	<b>Silver</b>	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	<b>Thallium</b>	<0.00015	<0.00015	0.00033 J	0.00035 J	0.00034 J	0.00052 J	0.00051 J	0.00025 J
	<b>Vanadium</b>	0.0023	0.0017	0.0010	0.0019	<0.00099	0.0068	0.0010	<0.00099
<b>Zinc</b>	<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.
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 7**  
**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
<b>Appendix III</b>	<b>Boron</b>	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	<b>Calcium</b>	7.1	2.1	3.1	3.0	4.6	3.9	9.7	8.5
	<b>Chloride</b>	5.9	3.0	1.2	1.2	1.2	1.4	1.4	1.2
	<b>Fluoride</b>	0.030 J	<0.026	0.72	1.3	1.7	0.072 J	1.3	2.3
	<b>pH</b>	5.97	5.61	5.39	6.09	5.51	5.77	5.89	6.14
	<b>Sulfate</b>	7.2	<0.76	2.3	0.95 J	6.8	1.1	11	9.1
	<b>TDS</b>	56	35	34	54	77	49	96	79
<b>Required by Permit</b>	<b>Antimony</b>	<0.00038	<0.00038	<0.00038	<0.00038	0.00047 J	<0.00038	<0.00038	<0.00038
	<b>Arsenic</b>	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031
	<b>Barium</b>	0.029	0.035	0.016	<0.0016	<0.0016	0.0083 J	0.0022 J	0.0031 J
	<b>Beryllium</b>	<0.00018	<0.00018	0.0043	0.00046 J	0.0020 J	<0.00018	0.00060 J	0.0013 J
	<b>Cadmium</b>	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	<b>Chromium</b>	<0.0015	<0.0015	<0.0015	0.0028	0.021	<0.0015	0.0020	<0.0015
	<b>Cobalt</b>	0.0040	<0.00013	0.0017 J	<0.00013	<0.00013	<0.00013	0.00013 J	0.00021 J
	<b>Copper</b>	0.0018 J	<0.00063	0.00066 J	<0.00063	0.0062	<0.00063	0.0029	<0.00063
	<b>Lead</b>	0.00013 J	<0.00013	<0.00013	<0.00013	0.00013 J	<0.00013	0.00046 J	<0.00013
	<b>Mercury</b>	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013
	<b>Nickel</b>	0.0053	0.0014	<0.00034	<0.00034	0.0019	<0.00034	0.0014	0.00082 J
	<b>Selenium</b>	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	<b>Silver</b>	<0.00018	<0.00018	<0.00018	<0.00018	0.00085 J	<0.00018	0.00024 J	<0.00018
	<b>Thallium</b>	0.00015 J	<0.00015	0.00021 J	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015
<b>Vanadium</b>	<0.00099	<0.00099	<0.00099	<0.00099	0.0017	0.0014	<0.00099	0.0011	
<b>Zinc</b>	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.
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 7**  
**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
<b>Appendix III</b>	<b>Boron</b>	<0.039	<0.039	<0.039
	<b>Calcium</b>	17	3.0	2.2
	<b>Chloride</b>	2.2	1.1	4.2
	<b>Fluoride</b>	2.1	0.13	0.030 J
	<b>pH</b>	6.41	5.78	5.44
	<b>Sulfate</b>	9.1	1.3	2.2
	<b>TDS</b>	93	46	42
<b>Required by Permit</b>	<b>Antimony</b>	<0.00038	<0.00038	<0.00038
	<b>Arsenic</b>	<0.00031	<0.00031	<0.00031
	<b>Barium</b>	0.0060 J	0.012	0.020
	<b>Beryllium</b>	0.00020 J	<0.00018	<0.00018
	<b>Cadmium</b>	<0.00022	<0.00022	<0.00022
	<b>Chromium</b>	<0.0015	<0.0015	<0.0015
	<b>Cobalt</b>	0.00015 J	<0.00013	0.00026 J
	<b>Copper</b>	<0.00063	<0.00063	<0.00063
	<b>Lead</b>	<0.00013	<0.00013	<0.00013
	<b>Mercury</b>	<0.00013	<0.00013	<0.00013
	<b>Nickel</b>	<0.00034	0.00059 J	0.0011
	<b>Selenium</b>	<0.0015	<0.0015	<0.0015
	<b>Silver</b>	<0.00018	<0.00018	<0.00018
	<b>Thallium</b>	<0.00015	<0.00015	<0.00015
	<b>Vanadium</b>	<0.00099	<0.00099	<0.00099
<b>Zinc</b>	<0.0032	<0.0032	<0.0032	

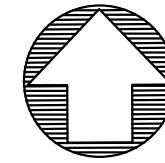
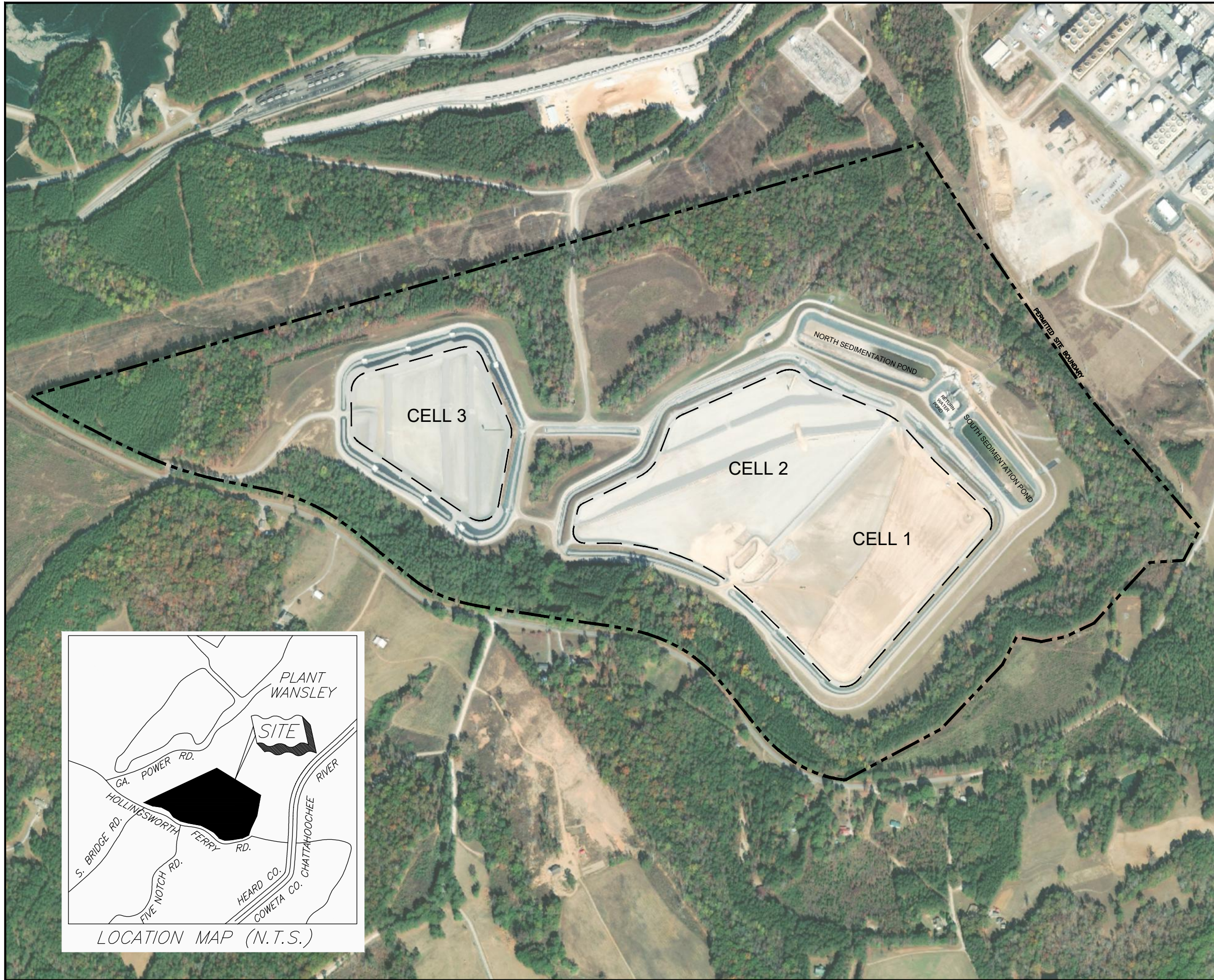
Notes:

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.

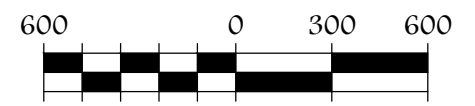
**Table 8  
Statistical Method Summary  
Plant Wansley CCR Landfill  
Heard County**

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.

## FIGURES



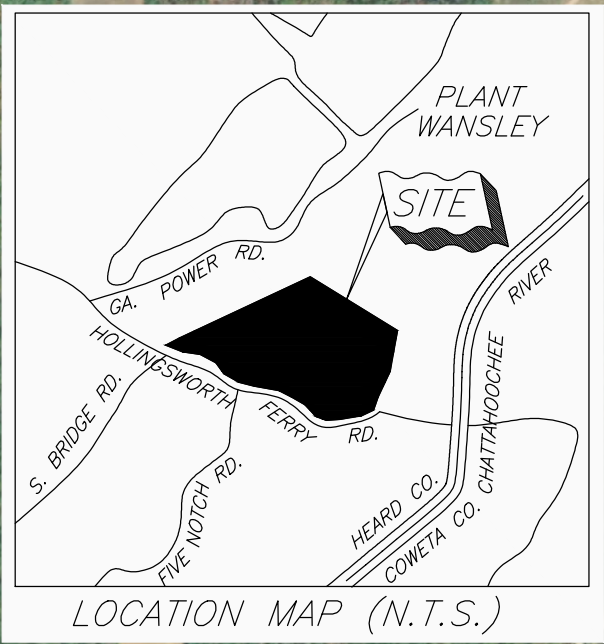
ATLANTIC COAST  
CONSULTING, INC.



SCALE (IN FEET)

**LEGEND:**

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	APPROXIMATE LANDFILL/CELL BOUNDARY



LOCATION MAP (N.T.S.)

PROJECT



GEORGIA POWER COMPANY  
PLANT WANSLEY LANDFILL

2021 SEMI-ANNUAL GROUNDWATER MONITORING  
AND CORRECTIVE ACTION REPORT

**SITE MAP**

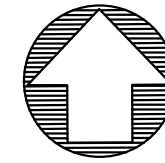
PROJECT NO. I054-110

AUGUST 2021

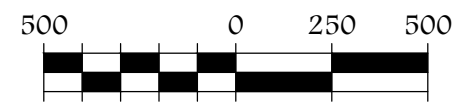
DRAWN BY: MM

FIGURE:

CHECKED BY: EP



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 SEMIANNUAL GROUNDWATER MONITORING  
AND CORRECTIVE ACTION REPORT

**WELL LOCATION MAP**

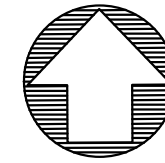
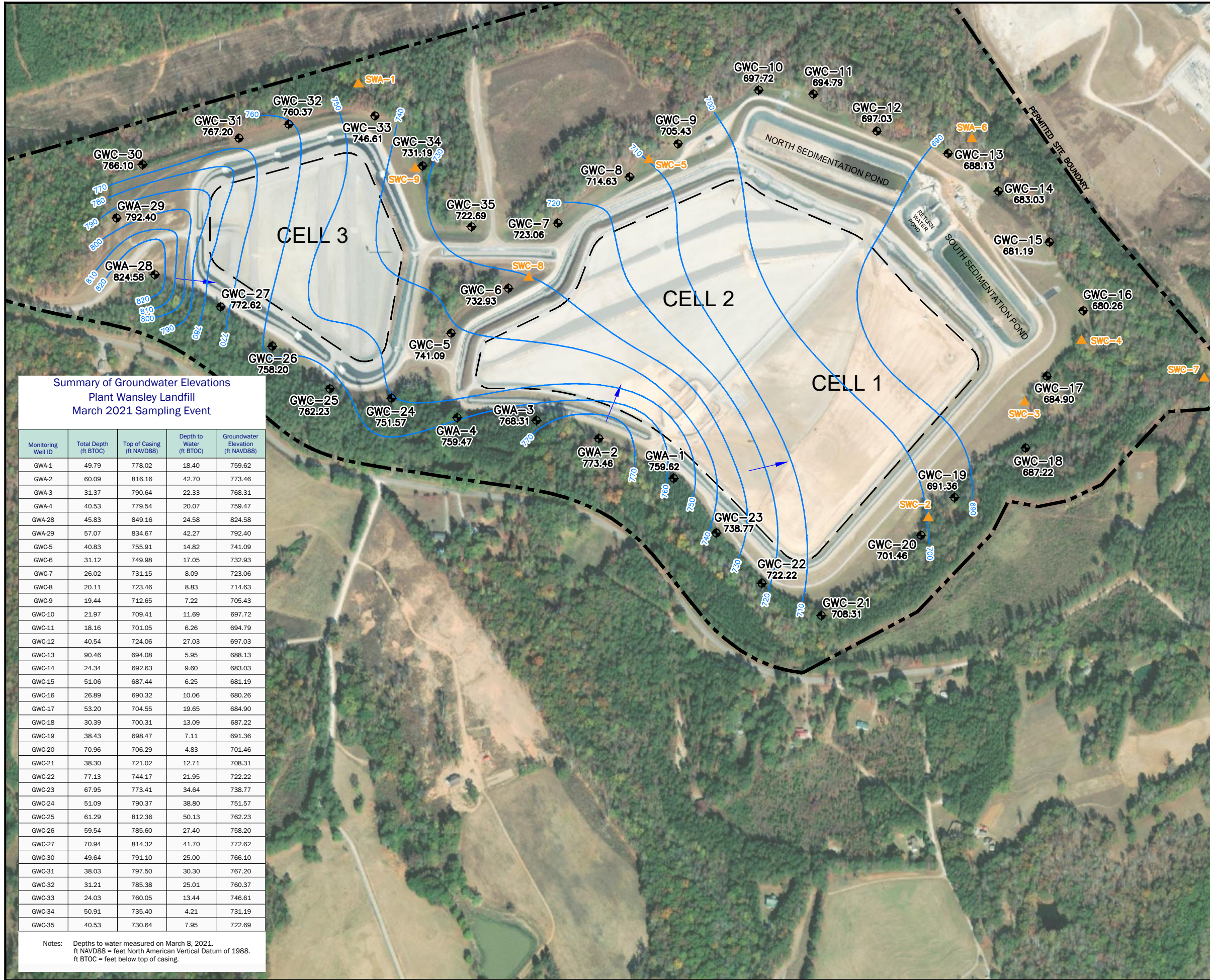
PROJECT NO. I054-110

AUGUST 2021

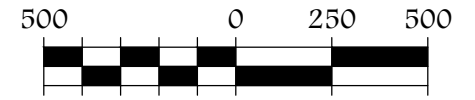
DRAWN BY: RW

FIGURE:

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  
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
GWA-28	45.83	849.16	24.58	824.58
GWA-29	57.07	834.67	42.27	792.40
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
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 SEMIANNUAL GROUNDWATER MONITORING  
AND CORRECTIVE ACTION REPORT

## POTENTIOMETRIC CONTOUR MAP MARCH 2021

PROJECT NO. I054-110

AUGUST 2021

DRAWN BY: RW

FIGURE:

CHECKED BY: MM



## APPENDICES

**APPENDIX A**

**LABORATORY ANALYTICAL AND FIELD SAMPLING  
REPORTS**

## ANALYTICAL REPORT

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

Laboratory Job ID: 180-118541-1  
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](mailto:Shali.Brown@Eurofinset.com)

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?



Visit us at:  
[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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

PA Lab ID: 02-00416



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# 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 Instrument ID: CHIC2100A		1			350704	03/25/21 09:18	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			350954	03/26/21 13:26	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351061	03/27/21 13:31	RJR	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 13:56	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350157	03/21/21 12:38	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/15/21 15:10	FDS	TAL PIT

**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 Instrument ID: INTEGRION		1			350706	03/25/21 09:27	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: DORY		1			350954	03/26/21 13:37	RSK	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	350752	03/25/21 12:13	KEM	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351061	03/27/21 13:34	RJR	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 13:57	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350157	03/21/21 12:38	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			349894	03/15/21 15:00	FDS	TAL PIT

**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 Instrument ID: INTEGRION		1			350706	03/25/21 10:56	EPS	TAL PIT

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										

Eurofins TestAmerica, Pittsburgh

# 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										

Eurofins TestAmerica, Pittsburgh

# 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		1			349894	03/16/21 12:15	FDS	TAL PIT
Instrument ID: NOEQUIP										

## 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		1			350706	03/25/21 13:37	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 11:11	RSK	TAL PIT
Instrument ID: NEMO										
Total/NA	Prep	7470A			50 mL	50 mL	351380	03/31/21 11:15	KHM	TAL PIT
Total/NA	Analysis	EPA 7470A		1			351583	04/01/21 11:22	KHM	TAL PIT
Instrument ID: HGZ										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			349894	03/16/21 13:15	FDS	TAL PIT
Instrument ID: NOEQUIP										

## 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		1			350706	03/25/21 13:19	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 11:14	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 10:41	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: 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		1			350706	03/25/21 15:07	EPS	TAL PIT
Instrument ID: INTEGRION										

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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										

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# 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**

**Lab Sample ID: 180-118713-11**

Date Collected: 03/17/21 15:10

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total 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**

**Lab Sample ID: 180-118713-12**

Date Collected: 03/17/21 13:20

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	03/30/21 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**

**Lab Sample ID: 180-118713-13**

Date Collected: 03/17/21 11:37

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 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										

Eurofins TestAmerica, Pittsburgh

# 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		1			350209	03/17/21 14:12	FDS	TAL PIT
Instrument ID: NOEQUIP										

## 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		1			351345	03/31/21 13:45	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 13:29	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 12:06	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 16:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

## 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		1	1 mL	1.0 mL	351162	03/31/21 00:56	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 13:32	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 12:05	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										
Total/NA	Analysis	Field Sampling		1			350209	03/18/21 11:05	FDS	TAL PIT
Instrument ID: NOEQUIP										



# Lab Chronicle

Client: Southern Company  
Project/Site: Plant Wansley Landfill

Job ID: 180-118541-1

## Client Sample ID: GWC-16

Date Collected: 03/17/21 14:25

Date Received: 03/19/21 08:45

## Lab Sample ID: 180-118713-20

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 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

Date Collected: 03/16/21 13:50

Date Received: 03/19/21 08:45

## Lab Sample ID: 180-118713-21

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 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

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	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										

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# 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		1			354195	03/16/21 15:05	ELA	TAL PIT
Instrument ID: NOEQUIP										

## 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		1	1 mL	1.0 mL	351162	03/31/21 03:19	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 13:54	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 12:14	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 15:10	FDS	TAL PIT
Instrument ID: NOEQUIP										

## 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		1			351343	03/31/21 12:09	EPS	TAL PIT
Instrument ID: CHIC2100A										
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 14:19	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 12:18	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										

## 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		1	1 mL	1.0 mL	351162	03/31/21 03:37	SAT	TAL PIT
Instrument ID: INTEGRION										

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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

Date Collected: 03/17/21 14:40

Date Received: 03/19/21 08:45

## Lab Sample ID: 180-118713-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	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

Date Collected: 03/18/21 12:00

Date Received: 03/19/21 08:45

## Lab Sample ID: 180-118713-29

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 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
<b>Chloride</b>	<b>4.0</b>		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
<b>Sulfate</b>	<b>1.5</b>		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
<b>Barium</b>	<b>0.011</b>		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
<b>Calcium</b>	<b>3.2</b>		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
<b>Cobalt</b>	<b>0.00021</b>	<b>J</b>	0.0025	0.00013	mg/L		03/25/21 12:13	03/26/21 13:37	1
<b>Copper</b>	<b>0.0010</b>	<b>J</b>	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
<b>Nickel</b>	<b>0.00076</b>	<b>J</b>	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
<b>Total Dissolved Solids</b>	<b>39</b>		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
<b>pH</b>	<b>5.44</b>				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
<b>Chloride</b>	<b>3.5</b>		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
<b>Barium</b>	<b>0.061</b>		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
<b>Cadmium</b>	<b>0.00025 J</b>		0.0025	0.00022	mg/L		03/25/21 12:15	03/30/21 10:40	1
<b>Calcium</b>	<b>6.0</b>		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
<b>Cobalt</b>	<b>0.0022 J</b>		0.0025	0.00013	mg/L		03/25/21 12:15	03/30/21 10:40	1
<b>Copper</b>	<b>0.0012 J</b>		0.0020	0.00063	mg/L		03/25/21 12:15	03/30/21 10:40	1
<b>Lead</b>	<b>0.00019 J</b>		0.0010	0.00013	mg/L		03/25/21 12:15	03/30/21 10:40	1
<b>Nickel</b>	<b>0.00097 J</b>		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
<b>Thallium</b>	<b>0.00034 J</b>		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
<b>Zinc</b>	<b>0.0033 J</b>		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
<b>Total Dissolved Solids</b>	<b>65</b>		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
<b>pH</b>	<b>5.47</b>				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
<b>Chromium</b>	<b>0.0043</b>		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
<b>Fluoride</b>	<b>0.038</b>	<b>J</b>	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
<b>Thallium</b>	<b>0.00017</b>	<b>J</b>	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
<b>Chromium</b>	<b>0.0024</b>		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
<b>Chloride</b>	<b>2.2</b>		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
<b>Arsenic</b>	<b>0.00031</b>	<b>J</b>	0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:20	1
<b>Barium</b>	<b>0.12</b>		0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:20	1
<b>Beryllium</b>	<b>0.00046</b>	<b>J</b>	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
<b>Calcium</b>	<b>9.6</b>		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
<b>Cobalt</b>	<b>0.00038</b>	<b>J</b>	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
<b>Lead</b>	<b>0.00017</b>	<b>J</b>	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:20	1
<b>Nickel</b>	<b>0.0010</b>		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
<b>Thallium</b>	<b>0.00033</b>	<b>J</b>	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:20	1
<b>Vanadium</b>	<b>0.0010</b>		0.0010	0.00099	mg/L		03/31/21 13:16	04/01/21 12:20	1
<b>Zinc</b>	<b>0.0056</b>		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
<b>Total Dissolved Solids</b>	<b>67</b>		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
<b>pH</b>	<b>5.95</b>				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
<b>Chloride</b>	<b>2.0</b>		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
<b>Arsenic</b>	<b>0.00038</b>	<b>J</b>	0.0010	0.00031	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Barium</b>	<b>0.0050</b>	<b>J</b>	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Beryllium</b>	<b>0.00052</b>	<b>J</b>	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
<b>Calcium</b>	<b>3.5</b>		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
<b>Cobalt</b>	<b>0.00024</b>	<b>J</b>	0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Copper</b>	<b>0.00066</b>	<b>J</b>	0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Lead</b>	<b>0.00029</b>	<b>J</b>	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Nickel</b>	<b>0.00052</b>	<b>J</b>	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
<b>Thallium</b>	<b>0.00051</b>	<b>J</b>	0.0010	0.00015	mg/L		03/31/21 13:16	04/01/21 12:33	1
<b>Vanadium</b>	<b>0.0010</b>		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
<b>Total Dissolved Solids</b>	<b>29</b>		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
<b>pH</b>	<b>6.02</b>				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
<b>Chloride</b>	<b>4.4</b>		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
<b>Barium</b>	<b>0.0099</b>	<b>J</b>	0.010	0.0016	mg/L		03/31/21 13:16	04/01/21 12:36	1
<b>Beryllium</b>	<b>0.00024</b>	<b>J</b>	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
<b>Calcium</b>	<b>0.18</b>	<b>J</b>	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
<b>Cobalt</b>	<b>0.0028</b>		0.0025	0.00013	mg/L		03/31/21 13:16	04/01/21 12:36	1
<b>Copper</b>	<b>0.0022</b>		0.0020	0.00063	mg/L		03/31/21 13:16	04/01/21 12:36	1
<b>Lead</b>	<b>0.00022</b>	<b>J</b>	0.0010	0.00013	mg/L		03/31/21 13:16	04/01/21 12:36	1
<b>Nickel</b>	<b>0.0017</b>		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
<b>Thallium</b>	<b>0.00025</b>	<b>J</b>	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
<b>Zinc</b>	<b>0.0064</b>		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
<b>Total Dissolved Solids</b>	<b>20</b>		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
<b>pH</b>	<b>5.16</b>				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
<b>Chloride</b>	<b>3.0</b>		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
<b>Barium</b>	<b>0.035</b>		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
<b>Calcium</b>	<b>2.1</b>		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
<b>Nickel</b>	<b>0.0014</b>		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
<b>Total Dissolved Solids</b>	<b>35</b>		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
<b>pH</b>	<b>5.61</b>				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
<b>Fluoride</b>	<b>0.032</b>	<b>J</b>	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
<b>Beryllium</b>	<b>0.00020</b>	<b>J</b>	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
<b>Thallium</b>	<b>0.00018</b>	<b>J</b>	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
<b>Beryllium</b>	<b>0.00019</b>	<b>J</b>	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**  
Date Collected: 03/18/21 00:00  
Date Received: 03/19/21 08:45

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

**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

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: 180-118713-23 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

# 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

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: 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	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

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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: 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

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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: 180-118713-18 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	

Eurofins TestAmerica, Pittsburgh

# 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

Eurofins TestAmerica, Pittsburgh

# 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	

Eurofins TestAmerica, Pittsburgh



# 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	

Eurofins TestAmerica, Pittsburgh

# 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**



<b>Client Information</b>		Lab PII: Brown, Shali		Carrier Tracking No(s):		COC No:			
Client Contact: R. Walker / H. Ald / T. Johnson		E-Mail: shali.brown@eurofinset.com		Page: 1 of 2		Job #:			
SCS Contacts: 770-594-5998		Company: Eurofins TestAmerica		Analysis Requested:		Preservation Codes:			
Address: 241 Ralph McGill Blvd SE		City: Atlanta		State, Zip: GA, 30308		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)			
PO #: 404-506-7116(Tel)		Project #: 18019922		Due Date Requested:		Special Instructions/Note:			
Email: SCS Contacts		SSOW#:		TAT Requested (days):		Total Number of			
Project Name: CCR - Plant Wansley Landfill		Site:		180-118541 Chain of Custody		2 pH= 5.55 2 pH= 5.44 2 pH= 5.28 2 pH= 6.00 2 pH= 6.09 2 pH= 5.51 2 pH= 6.50 2 pH= 5.99 2 pH= 7.62 2 pH= 5.47 2 pH= 6.78			
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=comp, G=grab)</b>		<b>Matrix (W=water, S=solid, O=water/soil BT=Tissue, AA=Air)</b>	
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	
<b>Possible Hazard Identification</b>		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B	
Deliverable Requested: I, II, III, IV, Other (specify)		<input checked="" type="checkbox"/> Unknown		<input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client		<input checked="" type="checkbox"/> Disposal By Lab	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Special Instructions/QC Requirements:	
Relinquished by: [Signature]		Date: 3-16-21		Time: 16:33		Company: ACC		Received by: [Signature]	
Relinquished by: [Signature]		Date: 3-16-21		Time: 16:45		Company: EN		Received by: [Signature]	
Relinquished by: [Signature]		Date: 3-16-21		Time: 16:45		Company: EN		Received by: [Signature]	
Custody Seals Intact Δ Yes Δ 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)		Archive For _____ Months	



# Chain of Custody Record

<b>Client Information</b> Client Contact: <u>R. Walker / H. Avid / T. Sabarski</u> SCS Contacts Phone: <u>770-598-5998</u> Company: <u>GA Power</u>			Lab P#: <u>Brown, Shali</u> E-Mail: <u>shali.brown@eurolins.com</u>			Carrier Tracking No(s): COC No: Page: <u>2 of 2</u> Job #:		
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #: Project #: <u>18019922</u> SOW#:			<b>Analysis Requested</b>			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 Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=soil, O=water/oil, BT=Tissue, A=Air)			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 <sub>4</sub> & TDS EPA 300.0 & SM 2540C			Total Number of Containers Special Instructions/Note: pH=5.78 pH=5.89 pH=5.78 pH=5.44 pH= pH= pH= pH= 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 Special Instructions/QC Requirements:			Method of Shipment: Date/Time: <u>3/16/21</u> Date/Time: <u>3-17-21</u> Date/Time: <u>3/16/21</u> Date/Time: <u>3/16/21</u>		
Empty Kit Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>			Company: <u>[Signature]</u> Company: <u>[Signature]</u> Company: <u>[Signature]</u>			Cooler Temperature(s) °C and Other Remarks: Custody Seal No.: Δ Yes Δ No		



<b>Client Information</b> Client Contact: <u>Shelli Brown</u> SCS Contacts: <u>H. Auld / T. Johnson</u> Company: <u>770-594-5998</u> GA Power		Lab P#: Brown, Shelli E-Mail: shelli.brown@eurofinset.com		Carrier Tracking No(s): COC No: <u>1 of 3</u> Page: Job #:						
Address: 241 Ralph McGill Blvd SE City: Atlanta State, Zip: GA, 30308 Phone: 404-506-7116(Tel) Email:		Due Date Requested: TAT Requested (days): PO #: SCS 10382606 WO #: Project #: 18019922 SSON#:		Analysis Requested Preservation Codes: A - HCL B - NaOH M - Hexane N - None						
Project Name: CCR - Plant Wansley Landfill Site:		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 <sub>4</sub> , & TDS (EPA 300.0 & SM 2540C)		Barcode: 180-118713 Chain of Custody						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, B=leachate)	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 <sub>4</sub> , & TDS (EPA 300.0 & SM 2540C)	Total Number of Containers	Special Instructions/Note:
GWC-19	3-17-21	1447	G	Water	N	N	✓	✓	2	pH= 5.95
GWC-21	3-16-21	1235	G	Water	N	N	✓	✓	2	pH= 5.47
GWC-23	3-18-21	1145	G	Water	N	N	✓	✓	2	pH= 6.02
GWC-24	3-18-21	1050	G	Water	N	N	✓	✓	2	pH= 5.16
GWC-25	3-17-21	1320	G	Water	N	N	✓	✓	2	pH= 5.97
GWC-26	3-17-21	1205	G	Water	N	N	✓	✓	2	pH= 5.61
GWC-27	3-18-21	1314	G	Water	N	N	✓	✓	2	pH= 5.39
GWC-30	3-18-21	1220	G	Water	N	N	✓	✓	2	pH= 5.77
GWC-32	3-17-21	1100	G	Water	N	N	✓	✓	2	pH= 6.14
GWC-33	3-18-21	1025	G	Water	N	N	✓	✓	2	pH= 6.41
EB-3	3-17-21	1510	G	Water	N	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)										
Empty Kit Relinquished by:										
Relinquished by: <u>H. Auld</u> Date: <u>3/18/21</u> Time: <u>16:13</u> Company: <u>EMC</u>										
Relinquished by: <u>[Signature]</u> Date: <u>3/18/21</u> Time: <u>16:30</u> Company: <u>EMC</u>										
Relinquished by: <u>[Signature]</u> Date: <u>3/18/21</u> Time: <u>16:30</u> Company: <u>EMC</u>										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> 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) <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:										



<b>Client Information</b> 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@eurofinsnet.com</u> Carrier Tracking No(s): COC No: <u>2 of 3</u> Page: <u>2 of 3</u> Job #:	
<b>Analysis Requested</b>			
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382806</u> WO #:		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:	
Matrix (W=Water, S=Solid, O=Organic, A=Air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code:		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, SO4, TDS (EPA 300.0 & SM 2540C)	
<b>Sample Identification</b> GWC-5 GWC-6 GWC-9 GWC-10 GWC-11 GWC-13 GWC-14 GWC-15 GWC-16 GWC-17 GWC-18		Total Number of Containers pH: 6.22 pH: 6.10 pH: 5.78 pH: 6.13 pH: 6.23 pH: 7.19 pH: 5.31 pH: 6.92 pH: 6.16 pH: 6.22 pH: 6.02	
Special Instructions/Note:			
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 checked="" type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <u>Shali</u> Date/Time: <u>3-18-21 / 16:13</u> Company: <u>ACC</u>		Received by: <u>Shali</u> Date/Time: <u>3-19-21 / 16:13</u> Company: <u>ACC</u>	
Relinquished by: <u>Shali</u> Date/Time: <u>3/18/21</u> Company: <u>ACC</u>		Received by: <u>Shali</u> Date/Time: <u>3-19-21 / 16:30</u> Company: <u>ACC</u>	
Relinquished by: <u>Shali</u> Date/Time: <u>3/18/21</u> Company: <u>ACC</u>		Received by: <u>Shali</u> Date/Time: <u>3-19-21 / 16:30</u> Company: <u>ACC</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**



<b>Client Information</b>			Sampler: <u>R. McVicker / H. Hild / T. Johnson</u>			Lab P.M.: <u>Brown, Shali</u>			Carrier Tracking No(s):			GOC No: _____		
Client Contact: _____			Phone: <u>770-594-5998</u>			E-Mail: <u>shali.brown@eurofinset.com</u>			Page: <u>3 of 3</u>			Job #: _____		
Company: <u>GA Power</u>			Due Date Requested:			Analysis Requested			Total Number of Containers			Preservation Codes:		
Address: <u>241 Ralph McGill Blvd SE</u>			TAT Requested (days):			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			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)		
City: <u>Atlanta</u>			PO #: <u>SCS10382606</u>			Field Filtered Sample (Yes or No)			Performs MS/SD (Yes or No)			Special Instructions/Note:		
State, Zip: <u>GA, 30308</u>			WO #: _____			Matrix (W=water, S=solid, O=oil, BT=Blood, A=Air)			Preservation Code:			pH= <u>6.33</u>		
Phone: <u>404-506-7116(Tel)</u>			Project #: <u>18019922</u>			Sample Type (C=comp, G=grab)			Sample Time			pH= _____		
Email: _____			Site: _____			Sample Date			Sample Time			pH= _____		
SCS Contacts			Sample Date			Sample Time			Matrix			pH= _____		
Project Name: <u>CCR - Plant Wansley Landfill</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Site: _____			Sample Date			Sample Time			Sample Type			pH= _____		
Sample Identification			Sample Date			Sample Time			Sample Type			pH= _____		
<u>GWC-20</u>			<u>3-16-21</u>			<u>1510</u>			<u>Water</u>			<u>N</u>		
<u>EB-4</u>			<u>3-18-21</u>			<u>1205</u>			<u>Water</u>			<u>N</u>		
<u>Dup-2</u>			<u>3-16-21</u>			<u>---</u>			<u>Water</u>			<u>N</u>		
<u>Dup-3</u>			<u>3-17-21</u>			<u>---</u>			<u>Water</u>			<u>N</u>		
<u>Dup-4</u>			<u>3-18-21</u>			<u>---</u>			<u>Water</u>			<u>N</u>		
<u>FB-3</u>			<u>3-17-21</u>			<u>1440</u>			<u>Water</u>			<u>N</u>		
<u>FB-4</u>			<u>3-18-21</u>			<u>1200</u>			<u>Water</u>			<u>N</u>		
Possible Hazard Identification			Sample Date			Sample Time			Sample Type			pH= _____		
<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 Date			Sample Time			Sample Type			pH= _____		
Deliverable Requested: I, II, III, IV, Other (specify)			Sample Date			Sample Time			Sample Type			pH= _____		
Empty Kit Relinquished by: _____			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Custody Seal Intact: _____			Sample Date			Sample Time			Sample Type			pH= _____		
Custody Seal No.: _____			Sample Date			Sample Time			Sample Type			pH= _____		
Special Instructions/QC Requirements:			Sample Date			Sample Time			Sample Type			pH= _____		
Return To Client <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> Archive For _____ Months			Sample Date			Sample Time			Sample Type			pH= _____		
Method of Shipment:			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Relinquished by: <u>[Signature]</u>			Sample Date			Sample Time			Sample Type			pH= _____		
Custody Seal Intact: _____			Sample Date			Sample Time			Sample Type			pH= _____		
Custody Seal No.: _____			Sample Date			Sample Time			Sample Type			pH= _____		





Chain of Custody Record



Client Information		Sampler:		Lab P/W:		Carrier Tracking No(s):	
Client Contact: SCS Contacts Company: GA Power		R. Walker/H. A. J. A. / T. Johnson Phone: 770-594-5998		Brown, Shail E-Mail: shail.brown@eurofins.com			
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:		Due Date Requested: TAT Requested (days): PO #: SCS10382606 WO #: Project #: 18019922 SSOW #:		Analysis Requested		COC No: Page: Job #:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BR=tissue, A=air)	Field Filtered Sample (Yes or No)		Special Instructions/Note:
					AP III and State Permit Metals (EPA 6020 & 7470): As, Pb, Cd, Cr, Co, Cu, Ni, Sb, Se, Ag, Tl, V, Zn, Hg	Cl, F, SO <sub>4</sub> & TDS (EPA 300.0 & SM 2540C)	
GWA-1	3-15-21	1510	G	Water	N	N	pH= 5.55
GWA-2	3-15-21	1500	G	Water	N	N	pH= 5.44
GWA-3	3-15-21	1645	G	Water	N	N	pH= 5.28
GWA-4	3-15-21	1500	G	Water	N	N	pH= 6.00
GWA-28	3-15-21	1325	G	Water	N	N	pH= 6.09
GWA-29	3-15-21	1355	G	Water	N	N	pH= 5.51
GWL-7	3-16-21	1050	G	Water	N	N	pH= 6.50
GWL-8	3-16-21	1155	G	Water	N	N	pH= 5.99
GWL-12	3-16-21	1105	G	Water	N	N	pH= 7.62
GWL-21	3-16-21	1235	G	Water	N	N	pH= 5.47
GWL-22	3-15-21	1630	G	Water	N	N	pH= 6.78

**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: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Company: ACC Date/Time: 3-10-21 / 1633  
 Relinquished by: \_\_\_\_\_ Company: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Company: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_  
 Δ Yes Δ No

Relinquished by: \_\_\_\_\_ Date/Time: 3/16/21 Company: EBN  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks:



**Chain of Custody Record**

<b>Client Information</b>		Lab PM: Brown, Shail		Carrier Tracking No(s):		COC No:	
Client Contact: R. L. Ker / H. Acid / T. Johnson		E-Mail: shail.brown@eurofinset.com		Page: 2 of 2		Job #:	
Company: GA Power		Phone: 770-598-5998		Analysis Requested		Preservation Codes:	
Address: 241 Ralph McGill Blvd SE		Due Date Requested:		Total Number of Containers		M - Hexane	
City: Atlanta		TAT Requested (days):		APPL 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		N - None	
State, Zip: GA, 30308		PO #: SCS10382806		Field Filtered Sample (Yes or No)		O - AsNaO2	
Phone: 404-506-7116(Tel)		WO #:		Matrix		P - Na2O4S	
Email:		Project #: 18019922		Sample Type (C=comp, G=grab)		Q - Na2SO3	
SCS Contacts:		SSOW #:		Sample Time		R - Na2S2O3	
Project Name: CCR - Plant Wansley Landfill		Sample Date		Preservation Code		S - H2SO4	
Site:		Sample Date		Matrix		T - TSP Dodecahydrate	
<b>Sample Identification</b>		Sample Date		Sample Time		U - Acetone	
G-WC-9	3-16-21	1313	G	Water	N	V - NCA	
G-WC-31	3-16-21	1050	G	Water	N	W - pH 4-5	
G-WC-34	3-16-21	1215	G	Water	N	Z - other (specify)	
G-WC-35	3-16-21	1315	G	Water	N	Other:	
EB-1	3-15-21	1530	G	Water	N	Special Instructions (Note):	
Dup-1	3-15-21		G	Water	N	pH= 5.78	
FB-1	3-15-21	1650	G	Water	N	pH= 5.89	
FB-2	3-16-21	1220	G	Water	N	pH= 5.78	
EB-2	3-16-21	1400	G	Water	N	pH= 5.44	
			G	Water	N	pH=	
			G	Water	N	pH=	
			G	Water	N	pH=	
			G	Water	N	pH=	
			G	Water	N	pH=	
			G	Water	N	pH=	
			G	Water	N	pH=	
<b>Possible Hazard Identification</b>		Date: 3-16-21 / 1633		Company: Eurofins		Return To Client <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> Archive For _____ Months	
<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		Date: 3/16/21		Company: Eurofins		Special Instructions/QC Requirements:	
Deliverable Requested: I, II, III, IV, Other (specify)		Date: 3/16/21		Company: Eurofins		Method of Shipment:	
Empty Kit Relinquished by: <i>Handwritten Signature</i>		Date: 3/16/21		Company: Eurofins		Received by: <i>Handwritten Signature</i>	
Relinquished by: <i>Handwritten Signature</i>		Date: 3/16/21		Company: Eurofins		Received by: <i>Handwritten Signature</i>	
Relinquished by: <i>Handwritten Signature</i>		Date: 3/16/21		Company: Eurofins		Received by: <i>Handwritten Signature</i>	
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

<b>Client Information</b>		Lab PM: Brown, Shelli		Carrier Tracking No(s):		COC No: <b>161314</b>					
Client Contact: <b>Mike Iker / H. Acid / T. Johnson</b>		E-Mail: <b>shelli.brown@eurofinset.com</b>				Page: <b>3 of 5</b>					
Company: <b>GA Power</b>		Phone: <b>770-594-5998</b>				Job #:					
Address: <b>241 Ralph McGill Blvd SE</b>						Preservation Codes:					
City: <b>Atlanta</b>						M - Hexane N - None O - AsNaOZ 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)					
State, Zip: <b>GA, 30308</b>						Other:					
Phone: <b>404-506-7116(Tel)</b>		PO #: <b>SCS10382606</b>				Total Number of Containers:					
Email: <b></b>		WO #: <b></b>				Analysis Requested					
Project #: <b>18019922</b>						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					
Site: <b>CCR - Plant Wansley Landfill</b>		SSOW#: <b></b>				CF, F, SO, & TDS (EPA 300.0 & SM 2540C)					
						Field Filtered Sample (Yes or No)					
Sample Identification	Sample Date	Sample Time	Sample Type (G=grab, C=comp)	Matrix (W=water, S=solid, O=wastebotl, BT=tissue, Refr)	Preservation Code	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, F, SO, & 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	
<del>GWC-21</del>	<del>3-16-21</del>	<del>1235</del>	G	Water		N	<del>✓</del>	<del>✓</del>	2	<del>pH= 5.177 (on coc p.1)</del>	
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		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Deliverable Requested: I, II, III, IV, Other (specify)				<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>H. Acid</i>		Date/Time: <b>3/18/21 1613</b>		Company: <b>AC</b>		Received by: <i>[Signature]</i>		Date/Time: <b>3/18/21 1613</b>		Company: <b>EVN</b>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received 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**

<b>Client Information</b> 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):	
Due Date Requested: TAT Requested (days): PO #: <u>SCS10382606</u> WO #:		OOC No: Page: <u>2 of 3</u> Job #: <u>1045</u>	
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=wasteoil, B=leachate, A=acid) Preservation Code		Analysis Requested	
Sample Identification <u>GWC-5</u> <u>GWC-6</u> <del><u>GWC-9</u></del> <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>		Field Filtered Sample (Yes or No) APPL III and State Permit Metals (EPA 6020 & 7470): As, B, Ba, Be, Ca, Cd, Cr, Co, Cu, Pb, Ni, Sb, Se, Ag, Tl, Zn, Hg Cl, F, SO <sub>4</sub> & TDS (EPA 300.0 & SM 2540C)	
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/Note: pH= <u>6.22</u> pH= <u>6.10</u> pH= <del>6.78</del> <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>	
Empty Kit Relinquished by: Relinquished by: <u>J. Add</u> Relinquished by: Relinquished by:		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:	
Date/Time: <u>3-18-21 / 1013</u> Date/Time: Date/Time:		Date/Time: <u>3/18/21 16:13</u> Date/Time: Date/Time:	
Custody Seals Intact: <u>Δ Yes Δ No</u> Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	



# Chain of Custody Record

**Eurofins TestAmerica, Pittsburgh**  
 301 Alpha Drive RIDC Park  
 Pittsburgh, PA 15238  
 Phone (412) 963-7058 Fax (412) 963-2468

**Client Information**  
 Client Contact: R. McCracken / H. Bird / T. Johnson  
 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: SCS Contacts  
 Project Name: CCR - Plant Wansley Landfill  
 Site: \_\_\_\_\_

Due Date Requested: \_\_\_\_\_  
 TAT Requested (days): \_\_\_\_\_  
 PO #: SCS10382606  
 WO #: \_\_\_\_\_  
 Project #: 18019922  
 SOW#: \_\_\_\_\_

Carrier Tracking No(s): \_\_\_\_\_  
 Lab PM: Brown, Shall  
 E-Mail: shall.brown@eurofinset.com

C-300 & SM 2540C  
 AP III and State Permit Metals (EPA 6020 & 7470): As, Pb, Br, Ba, Cd, Cr, Co, Cu, Ni, Sb, Se, Ag, Ti, Zn, Hg  
 Cl, T, SO<sub>2</sub> & TDS  
 EPA 300.0 & SM 2540C

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=TISSUE, A=AIR)	Analysis Requested		Special Instructions/Note:
					Field Filtered Sample (Yes or No)	Preservation Code	
GWC-20	3-16-21	1510	G	Water	N	N	pH= 6.33
EB-4	3-18-21	1205	G	Water	N	N	pH=
Dup-2	3-16-21	—	G	Water	N	N	pH=
Dup-3	3-17-21	—	G	Water	N	N	pH=
Dup-4	3-18-21	—	G	Water	N	N	pH=
FB-3	3-17-21	1440	G	Water	N	N	pH=
FB-4	3-18-21	1200	G	Water	N	N	pH=
			G	Water	N	N	pH=
			G	Water	N	N	pH=
			G	Water	N	N	pH=
			G	Water	N	N	pH=
			G	Water	N	N	pH=

Preservation Codes:  
 A - HCL  
 B - NaOH  
 C - Zn Acetate  
 D - Nitric Acid  
 E - NaHSO<sub>4</sub>  
 F - MeOH  
 G - Amchlor  
 H - Ascorbic Acid  
 I - Ice  
 J - DI Water  
 K - EDTA  
 L - EDA  
 Other: \_\_\_\_\_  
 M - Hexane  
 N - None  
 O - AsNaO<sub>2</sub>  
 P - Na<sub>2</sub>OHS  
 Q - Na<sub>2</sub>SO<sub>3</sub>  
 R - Na<sub>2</sub>SO<sub>3</sub>  
 S - H<sub>2</sub>SO<sub>4</sub>  
 T - TSP Dodecahydrate  
 U - Acetone  
 V - MCAA  
 W - pH 4-5  
 X - EDTA  
 Y - EDA  
 Z - other (specify)

Total Number of Containers: 2  
 Special Instructions/Note: \_\_\_\_\_

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: \_\_\_\_\_  
 Relinquished by: [Signature] Date: 3-18-21 Time: 1613 Company: Acc  
 Relinquished by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Custody Seals Intact: \_\_\_\_\_  
 Δ Yes Δ No \_\_\_\_\_  
 Custody Seal No.: \_\_\_\_\_

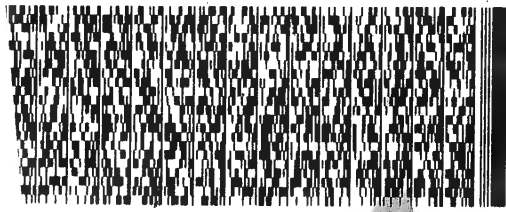
Ver: 01/16/2019

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15238 PIT  
2-2  
Thermometer ID  
Uncorrected temp  
MPS# 1516 9328 7689  
Mstr# 1516 9328 7678  
0201  
2 of 2  
WED -  
STANDARD OVERNIGHT

JP  
888  
J201120021507...



180-118541 Waybill

10  
SAMPLE RECEIVING  
EUROFINS TESTAMERICA PITTSBURGH  
301 ALPHA DR.  
RIDC PARK  
PITTSBURGH PA 15238  
REF: (412) 983-7068  
INQ:  
PO:  
DEPT:

ORIGIN ID: L1YA (678) 966-9991  
GEORGE TAYLOR  
EUROFINS TESTING AMERICA ATL SC  
8215 REGENCY PARKWAY NM  
SUITE 900  
NORCROSS, GA 30071  
UNITED STATES US  
SHIP DATE: 16MAR21  
ACTWGT: 54.70 LB  
CAD: 859116/CAFE3409  
BILL RECIPIENT

Environment Testing  
TestAmerica

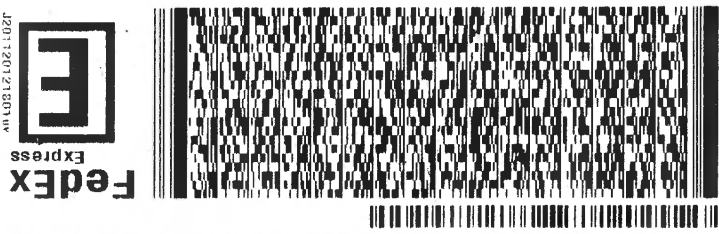


Do Not Lift Using This Tag

- 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](mailto:Shali.Brown@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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

PA Lab ID: 02-00416



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# Case Narrative

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

Job ID: 180-118714-1

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**Job ID: 180-118714-1**

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**Laboratory: Eurofins TestAmerica, Pittsburgh**

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**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	

<b>Client Information</b> Client Contact: <u>J. Johnson / H. Auld</u> SCS Contacts: <u>770-594-5998</u> Company: <u>GA Power</u>		Lab PM: <u>Brown, Shali</u> E-Mail: <u>shali.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> Email:		Preservation Codes: A - HCL B - NaOH C - 7% Aspartate M - Hexane N - None 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		Special Instructions/Note:							
Sample ID	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 <sub>4</sub> & TDS (EPA 300.0 & SM 2540C)	Total Number of con	pH=
SWA-1	3-17-21	1230	G	Water	N	✓	✓	3	7.13
SWA-6	3-17-21	1100	G	Water	N	✓	✓	3	7.33
SWC-3	3-17-21	1155	G	Water	N	✓	✓	3	6.40
SWC-5	3-17-21	1040	G	Water	N	✓	✓	3	6.94
SWC-7	3-17-21	1130	G	Water	N	✓	✓	3	7.04
SWC-8	3-17-21	1310	G	Water	N	✓	✓	3	6.37
SWC-9	3-17-21	1245	G	Water	N	✓	✓	3	5.86
			G	Water	N				
			G	Water	N				
			G	Water	N				
			G	Water	N				
			G	Water	N				
			G	Water	N				
			G	Water	N				
			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)		Special Instructions/QC Requirements:							
Empty Kit Relinquished by:		Method of Shipment:							
Relinquished by: <u>[Signature]</u> Date/Time: <u>3/18/21</u> 16:13		Received by: <u>[Signature]</u> Date/Time: <u>3/18/21</u> 16:13 Company: <u>GA Power</u>							
Relinquished by: <u>[Signature]</u> Date/Time: <u>3/18/21</u> 16:30		Received by: <u>[Signature]</u> Date/Time: <u>3/18/21</u> 16:30 Company: <u>GA Power</u>							
Relinquished by: <u>[Signature]</u> Date/Time: <u>3/18/21</u>		Received by: <u>[Signature]</u> Date/Time: <u>3/18/21</u> Company: <u>GA Power</u>							
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: <u>8.15</u>							





# 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**

**1<sup>st</sup> 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)<sup>1</sup> and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)<sup>2</sup>. 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 (8<sup>th</sup> 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

<sup>1</sup>USEPA, 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

<sup>2</sup>USEPA, 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

<b>Location Name: GWA-1</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 39 ft</b> <b>Total Depth: 49.85 ft</b> <b>Initial Depth to Water: 18.34 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 34 ft</b> <b>Estimated Total Volume Pumped: 3671.667 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 2.66 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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:
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# Low-Flow Test Report:

Test Date / Time: 3/15/2021 1:08:18 PM

Project: Plant Wansley - Landfill

Operator Name: Hunter Auld

<b>Location Name: GWA-2</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 50.07 ft</b> <b>Total Depth: 60.07 ft</b> <b>Initial Depth to Water: 42.65 ft</b>	<b>Pump Type: Bladder Pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 55 ft</b> <b>Estimated Total Volume Pumped: 20.1 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 175 ml/min</b> <b>Final Draw Down: 1 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name: GWA-3</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 21.1 ft</b> <b>Total Depth: 31.16 ft</b> <b>Initial Depth to Water: 22.08 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 27 ft</b> <b>Estimated Total Volume Pumped: 24.8 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 300 ml/min</b> <b>Final Draw Down: 30.2 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name: GWA-4</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 30.61 ft</b> <b>Total Depth: 40.61 ft</b> <b>Initial Depth to Water: 19.98 ft</b>	<b>Pump Type: Portable Bladder Pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 35 ft</b> <b>Estimated Total Volume Pumped: 6 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 3.84 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name: GWC-5</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 30 ft</b> <b>Total Depth: 40.68 ft</b> <b>Initial Depth to Water: 15.26 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 35 ft</b> <b>Estimated Total Volume Pumped: 9000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 150 ml/min</b> <b>Final Draw Down: 2.04 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWC-6</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 21 ft</b> <b>Total Depth: 31.08 ft</b> <b>Initial Depth to Water: 17.2 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 26 ft</b> <b>Estimated Total Volume Pumped: 11000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 0.2 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWC-7</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 15.9 ft</b> <b>Total Depth: 25.9 ft</b> <b>Initial Depth to Water: 7.94 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 21.5 ft</b> <b>Estimated Total Volume Pumped: 3.3 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 12.7 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name:</b> GWC-8 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 10 ft <b>Total Depth:</b> 20.03 ft Initial <b>Depth to Water:</b> 8.9 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 15 ft <b>Estimated Total Volume Pumped:</b> 9 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 200 ml/min <b>Final Draw Down:</b> 2.4 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name:</b> GWC-9 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 9.4 ft <b>Total Depth:</b> 19.41 ft <b>Initial Depth to Water:</b> 7.32 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 14 ft <b>Estimated Total Volume Pumped:</b> 11.3 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 180 ml/min <b>Final Draw Down:</b> 2.2 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-10</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 12 ft</b> <b>Total Depth: 22 ft</b> <b>Initial Depth to Water: 11.79 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 19 ft</b> <b>Estimated Total Volume Pumped: 12 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 300 ml/min</b> <b>Final Draw Down: 74.5 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name:</b> GWC-10 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 11.8 ft <b>Total Depth:</b> 21.78 ft <b>Initial Depth to Water:</b> 11.63 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 17 ft <b>Estimated Total Volume Pumped:</b> 1.5 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 100 ml/min <b>Final Draw Down:</b> 15.2 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-11</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 8.2 ft</b> <b>Total Depth: 18.23 ft</b> <b>Initial Depth to Water: 6.41 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 13.5 ft</b> <b>Estimated Total Volume Pumped: 13.4 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 1.1 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name: GWC-12</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 30 ft</b> <b>Total Depth: 40.63 ft</b> <b>Initial Depth to Water: 27.04 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 35 ft</b> <b>Estimated Total Volume Pumped: 5000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 2.56 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name:</b> GWC-13 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 80.4 ft <b>Total Depth:</b> 90.42 ft <b>Initial Depth to Water:</b> 6.01 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 85 ft <b>Estimated Total Volume Pumped:</b> 9.5 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 225 ml/min <b>Final Draw Down:</b> 6 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-14</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 14.5 ft</b> <b>Total Depth: 24.55 ft</b> <b>Initial Depth to Water: 9.62 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 19.5 ft</b> <b>Estimated Total Volume Pumped: 23.6 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 1 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 608421</b>
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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

<b>Location Name:</b> GWC-15 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 41 ft <b>Total Depth:</b> 51.06 ft <b>Initial Depth to Water:</b> 6.34 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 46 ft <b>Estimated Total Volume Pumped:</b> 10 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 200 ml/min <b>Final Draw Down:</b> 1.9 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-16</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 16 ft</b> <b>Total Depth: 26.97 ft</b> <b>Initial Depth to Water: 10.05 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 21 ft</b> <b>Estimated Total Volume Pumped: 6000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 0.05 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 649632</b>
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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

<b>Location Name: GWC-17</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 43 ft</b> <b>Total Depth: 53.34 ft</b> <b>Initial Depth to Water: 20.15 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 48 ft</b> <b>Estimated Total Volume Pumped: 4552.5 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 150 ml/min</b> <b>Final Draw Down: 1.25 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 649632</b>
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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

<b>Location Name: GWC-18</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 20 ft</b> <b>Total Depth: 30.51 ft</b> <b>Initial Depth to Water: 13.3 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 25 ft</b> <b>Estimated Total Volume Pumped: 4500 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 150 ml/min</b> <b>Final Draw Down: 0.1 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 649632</b>
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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

<b>Location Name: GWC-19</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 28 ft</b> <b>Total Depth: 38.56 ft</b> <b>Initial Depth to Water: 7.29 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 33 ft</b> <b>Estimated Total Volume Pumped: 4500 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 150 ml/min</b> <b>Final Draw Down: 1.31 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWC-20</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 61 ft</b> <b>Total Depth: 71.08 ft</b> <b>Initial Depth to Water: 4.94 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 66 ft</b> <b>Estimated Total Volume Pumped: 16000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 0.26 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name:</b> GWC-21 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 28 ft <b>Total Depth:</b> 38.3 ft <b>Initial Depth to Water:</b> 13.03 ft	<b>Pump Type:</b> Peristaltic pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 33 ft <b>Estimated Total Volume Pumped:</b> 5625 ml <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 125 ml/min <b>Final Draw Down:</b> 2.97 ft	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-22</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 67 ft</b> <b>Total Depth: 77.15 ft</b> <b>Initial Depth to Water: 21.85 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 72 ft</b> <b>Estimated Total Volume Pumped: 5250 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 150 ml/min</b> <b>Final Draw Down: 0.65 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWC-23</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 58 ft</b> <b>Total Depth: 68.05 ft</b> <b>Initial Depth to Water: 34.38 ft</b>	<b>Pump Type: Bladder pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 63 ft</b> <b>Estimated Total Volume Pumped: 7875 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 225 ml/min</b> <b>Final Draw Down: 1.12 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWC-24</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 41 ft</b> <b>Total Depth: 51.05 ft</b> <b>Initial Depth to Water: 38.55 ft</b>	<b>Pump Type: QED Bladder Pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 46 ft</b> <b>Estimated Total Volume Pumped: 3000 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 2.15 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 649632</b>
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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

<b>Location Name:</b> GWC-25 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 51.23 ft <b>Total Depth:</b> 61.23 ft <b>Initial Depth to Water:</b> 49.99 ft	<b>Pump Type:</b> Portable bladder pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 56 ft <b>Estimated Total Volume Pumped:</b> 4.4 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 125 ml/min <b>Final Draw Down:</b> 9.7 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-26</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 49.43 ft</b> <b>Total Depth: 59.43 ft</b> <b>Initial Depth to Water: 27.3 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 31 ft</b> <b>Estimated Total Volume Pumped: 3 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 30 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name:</b> GWC-27 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 60 ft <b>Total Depth:</b> 70.83 ft <b>Initial Depth to Water:</b> 41.91 ft	<b>Pump Type:</b> QED Bladder Pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 65 ft <b>Estimated Total Volume Pumped:</b> 6000 ml <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 100 ml/min <b>Final Draw Down:</b> 1.69 ft	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWA-28</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 35 ft</b> <b>Total Depth: 45.78 ft</b> <b>Initial Depth to Water: 24.56 ft</b>	<b>Pump Type: Peristaltic pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 40 ft</b> <b>Estimated Total Volume Pumped: 6500 ml</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 5.04 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 602547</b>
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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

<b>Location Name: GWA-29</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 47 ft</b> <b>Total Depth: 57.13 ft</b>	<b>Pump Type: Portable Bladder Pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 52 ft</b> <b>Estimated Total Volume Pumped: 6.46 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 1.2 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name: GWC-30</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 39.58 ft</b> <b>Total Depth: 49.58 ft</b> <b>Initial Depth to Water: 25.07 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 44 ft</b> <b>Estimated Total Volume Pumped: 11.25 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 125 ml/min</b> <b>Final Draw Down: 19.6 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name: GWC-31</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 28.02 ft</b> <b>Total Depth: 38.02 ft</b> <b>Initial Depth to Water: 30.34 ft</b>	<b>Pump Type: Portable Bladder Pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 37 ft</b> <b>Estimated Total Volume Pumped: 5.5 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 100 ml/min</b> <b>Final Draw Down: 73.9 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name:</b> GWC-31 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 28.02 ft <b>Total Depth:</b> 38.02 ft	<b>Pump Type:</b> Portable Bladder Pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 37 ft <b>Estimated Total Volume Pumped:</b> 1 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 100 ml/min <b>Final Draw Down:</b> 13.2 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-32</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 21.05 ft</b> <b>Total Depth: 31.05 ft</b> <b>Initial Depth to Water: 24.74 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 31 ft</b> <b>Estimated Total Volume Pumped: 7 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 75.12 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name:</b> GWC-32 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 21.05 ft <b>Total Depth:</b> 31.05 ft <b>Initial Depth to Water:</b> 25.57 ft	<b>Pump Type:</b> Peri pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 31 ft <b>Estimated Total Volume Pumped:</b> 1 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 200 ml/min <b>Final Draw Down:</b> 8.3 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-33</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 13.99 ft</b> <b>Total Depth: 23.99 ft</b> <b>Initial Depth to Water: 13.44 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 23 ft</b> <b>Estimated Total Volume Pumped: 13 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 200 ml/min</b> <b>Final Draw Down: 10.36 ft</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name:</b> GWC-33 <b>Well Diameter:</b> 2 in <b>Casing Type:</b> PVC <b>Screen Length:</b> 10 ft <b>Top of Screen:</b> 13.99 ft <b>Total Depth:</b> 23.99 ft <b>Initial Depth to Water:</b> 22.23 ft	<b>Pump Type:</b> Peri pump <b>Tubing Type:</b> Poly <b>Pump Intake From TOC:</b> 23 ft <b>Estimated Total Volume Pumped:</b> 1 liter <b>Flow Cell Volume:</b> 130 ml <b>Final Flow Rate:</b> 100 ml/min <b>Final Draw Down:</b> 8.1 in	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: GWC-34</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 41.25 ft</b> <b>Total Depth: 51.25 ft</b> <b>Initial Depth to Water: 4.22 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 47 ft</b> <b>Estimated Total Volume Pumped: 6.75 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 225 ml/min</b> <b>Final Draw Down: 3.4 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name: GWC-35</b> <b>Well Diameter: 2 in</b> <b>Casing Type: PVC</b> <b>Screen Length: 10 ft</b> <b>Top of Screen: 30.78 ft</b> <b>Total Depth: 40.78 ft</b> <b>Initial Depth to Water: 8 ft</b>	<b>Pump Type: Peri pump</b> <b>Tubing Type: Poly</b> <b>Pump Intake From TOC: 35 ft</b> <b>Estimated Total Volume Pumped: 7.5 liter</b> <b>Flow Cell Volume: 130 ml</b> <b>Final Flow Rate: 250 ml/min</b> <b>Final Draw Down: 2.4 in</b>	<b>Instrument Used: Aqua TROLL 500</b> <b>Serial Number: 601857</b>
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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

<b>Location Name:</b> SWA-1	<b>Flow Cell Volume:</b> 130 ml	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: SWA-6</b>	<b>Flow Cell Volume: 130 ml</b>	<b>Instrument Used: Aqua TROLL 500 Serial Number: 649632</b>
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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

<b>Location Name:</b> SWC-3	<b>Flow Cell Volume:</b> 130 ml	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: SWC-5</b>	<b>Flow Cell Volume: 130 ml</b>	<b>Instrument Used: Aqua TROLL 500 Serial Number: 649632</b>
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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

<b>Location Name:</b> SWC-7	<b>Flow Cell Volume:</b> 130 ml	<b>Instrument Used:</b> Aqua TROLL 500 <b>Serial Number:</b> 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

<b>Location Name: SWC-8</b>	<b>Flow Cell Volume: 130 ml</b>	<b>Instrument Used: Aqua TROLL 500 Serial Number: 649632</b>
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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

<b>Location Name: SWC-9</b>	<b>Flow Cell Volume: 130 ml</b>	<b>Instrument Used: Aqua TROLL 500 Serial Number: 649632</b>
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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  
 ID: PH 7 LOT #: 06-168200 EXP. DATE: 2/23  
 ID: PH 10 LOT #: 06 EXP. DATE: 9/21  
 ID: ORP LOT #: 06-2034 EXP. DATE: 9/21  
 ID: 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>22</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**

		<b>GWA-1</b>	<b>GWA-2</b>	<b>GWA-3</b>	<b>GWA-4</b>	<b>GWA-28</b>	<b>GWA-29</b>	<b>GWC-5</b>	<b>GWC-6</b>	<b>GWC-7</b>	<b>GWC-8</b>	<b>GWC-9</b>	<b>GWC-10</b>
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):**

		<b>GWA-1</b>	<b>GWA-2</b>	<b>GWA-3</b>	<b>GWA-4</b>	<b>GWA-28</b>	<b>GWA-29</b>	<b>GWC-5</b>	<b>GWC-6</b>	<b>GWC-7</b>	<b>GWC-8</b>	<b>GWC-9</b>	<b>GWC-10</b>
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**

		<b>GWC-11</b>	<b>GWC-12</b>	<b>GWC-13</b>	<b>GWC-14</b>	<b>GWC-15</b>	<b>GWC-16</b>	<b>GWC-17</b>	<b>GWC-18</b>	<b>GWC-19</b>	<b>GWC-20</b>	<b>GWC-21</b>	<b>GWC-22</b>
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):**

		<b>GWC-11</b>	<b>GWC-12</b>	<b>GWC-13</b>	<b>GWC-14</b>	<b>GWC-15</b>	<b>GWC-16</b>	<b>GWC-17</b>	<b>GWC-18</b>	<b>GWC-19</b>	<b>GWC-20</b>	<b>GWC-21</b>	<b>GWC-22</b>
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**

		<b>GWC-23</b>	<b>GWC-24</b>	<b>GWC-25</b>	<b>GWC-26</b>	<b>GWC-27</b>	<b>GWC-29</b>	<b>GWC-30</b>	<b>GWC-31</b>	<b>GWC-32</b>	<b>GWC-33</b>	<b>GWC-34</b>	<b>GWC-35</b>
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):**

		<b>GWC-23</b>	<b>GWC-24</b>	<b>GWC-25</b>	<b>GWC-26</b>	<b>GWC-27</b>	<b>GWC-29</b>	<b>GWC-30</b>	<b>GWC-31</b>	<b>GWC-32</b>	<b>GWC-33</b>	<b>GWC-34</b>	<b>GWC-35</b>
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:

	<b>GWC-23</b>	<b>GWC-24</b>	<b>GWC-25</b>	<b>GWC-26</b>	<b>GWC-27</b>	<b>GWC-29</b>	<b>GWC-30</b>	<b>GWC-31</b>	<b>GWC-32</b>	<b>GWC-33</b>	<b>GWC-34</b>	<b>GWC-35</b>
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):

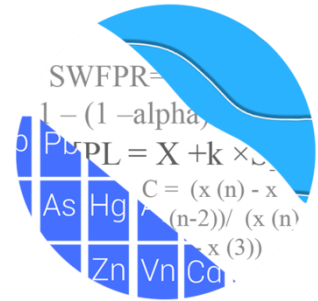
Staff: R. Walker, H. Auld  
Date: 3/15/2021

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

# 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

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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

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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 - 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.	Transform	Alpha	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	NBg	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
<b>Barium (mg/L)</b>	<b>GWC-14</b>	<b>0.18</b>	<b>n/a</b>	<b>3/17/2021</b>	<b>0.26</b>	<b>Yes</b>	<b>158</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>11.39</b>	<b>n/a</b>	<b>n/a</b>	<b>0.000001479</b>	<b>NP Inter (normality) 1 of 3</b>
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

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
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
<b>Barium (mg/L)</b>	<b>GWA-4 (bg)</b>	<b>0.006406</b>	<b>169</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-12</b>	<b>0.001748</b>	<b>336</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-14</b>	<b>0.02452</b>	<b>232</b>	<b>111</b>	<b>Yes</b>	<b>25</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-19</b>	<b>0.007431</b>	<b>186</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>3.448</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-21</b>	<b>0.003516</b>	<b>230</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Cobalt (mg/L)</b>	<b>GWA-2 (bg)</b>	<b>-0.00006075</b>	<b>-170</b>	<b>-139</b>	<b>Yes</b>	<b>29</b>	<b>62.07</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Nickel (mg/L)</b>	<b>GWA-1 (bg)</b>	<b>0</b>	<b>-103</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>72.73</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Nickel (mg/L)</b>	<b>GWA-2 (bg)</b>	<b>-0.0001377</b>	<b>-107</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>50</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
Nickel (mg/L)	GWA-28 (bg)	0	-74	-92	No	22	72.73	n/a	n/a	0.01	NP
<b>Nickel (mg/L)</b>	<b>GWA-29 (bg)</b>	<b>-0.0002541</b>	<b>-132</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>13.64</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Zinc (mg/L)</b>	<b>GWC-14</b>	<b>0.001313</b>	<b>146</b>	<b>92</b>	<b>Yes</b>	<b>22</b>	<b>13.64</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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 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 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

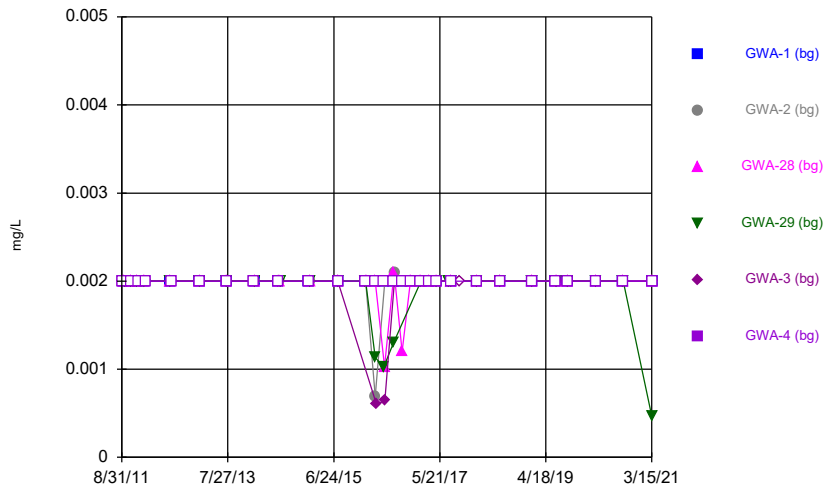
# Appendix III Trend Tests - Prediction Limit Exceedances - All Results

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
<b>Chloride, Total (mg/L)</b>	<b>GWA-3 (bg)</b>	<b>6.444</b>	<b>35</b>	<b>34</b>	<b>Yes</b>	<b>11</b>	<b>9.091</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>pH, Field (S.U.)</b>	<b>GWA-28 (bg)</b>	<b>-0.07982</b>	<b>-85</b>	<b>-74</b>	<b>Yes</b>	<b>19</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
pH, Field (S.U.)	GWA-29 (bg)	-0.06162	-56	-63	No	17	0	n/a	n/a	0.01	NP
<b>pH, Field (S.U.)</b>	<b>GWA-3 (bg)</b>	<b>-0.277</b>	<b>-53</b>	<b>-34</b>	<b>Yes</b>	<b>11</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Sulfate as SO4 (mg/L)</b>	<b>GWC-12</b>	<b>1.707</b>	<b>120</b>	<b>68</b>	<b>Yes</b>	<b>18</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>

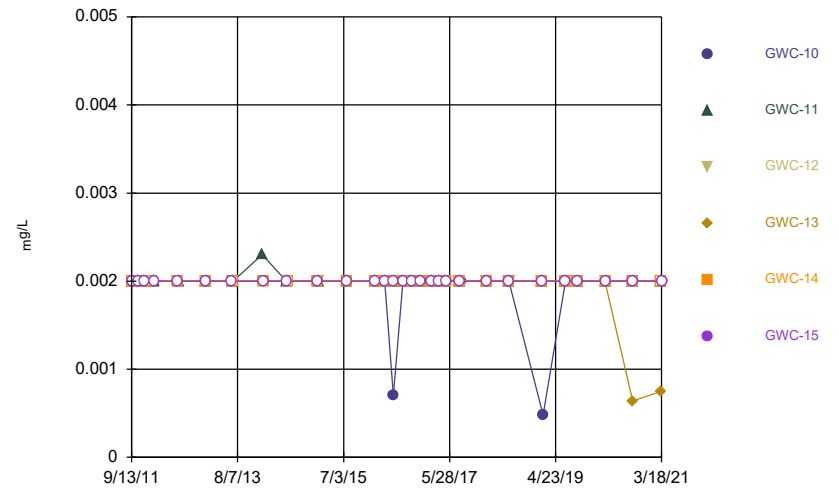
FIGURE A.

### Time Series



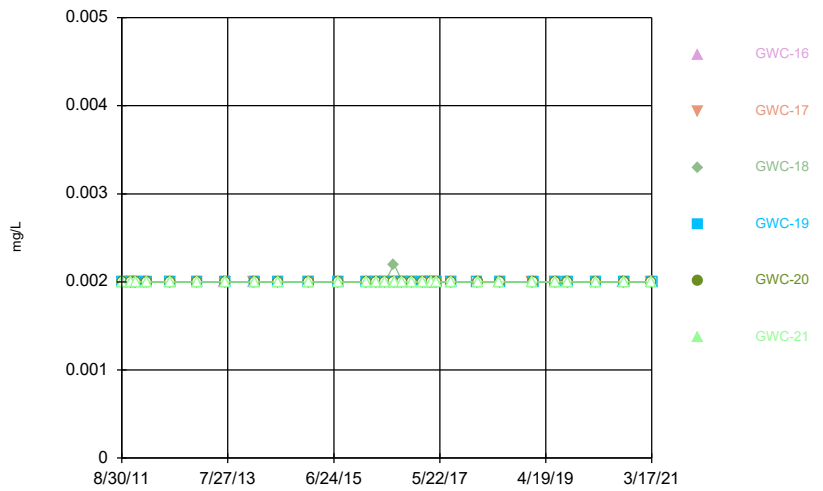
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



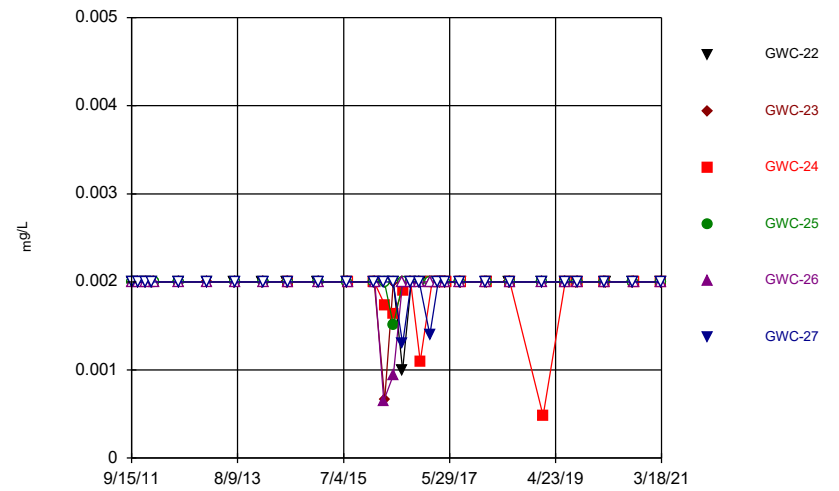
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### Time Series



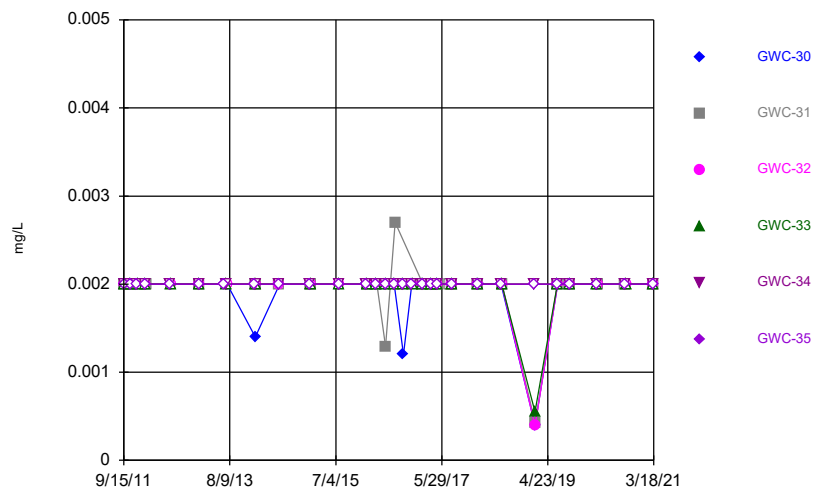
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### Time Series



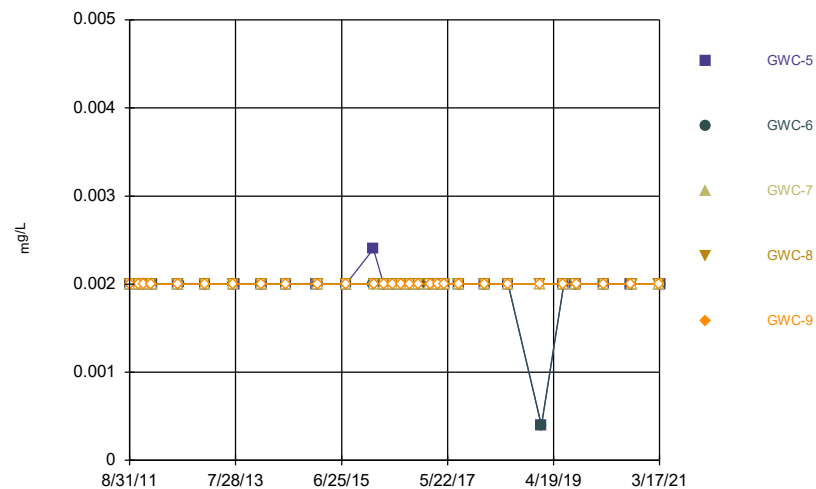
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### Time Series



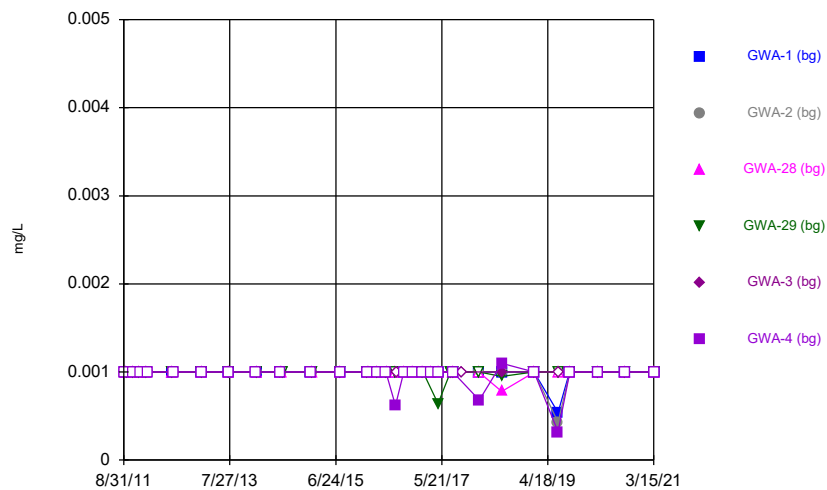
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### Time Series



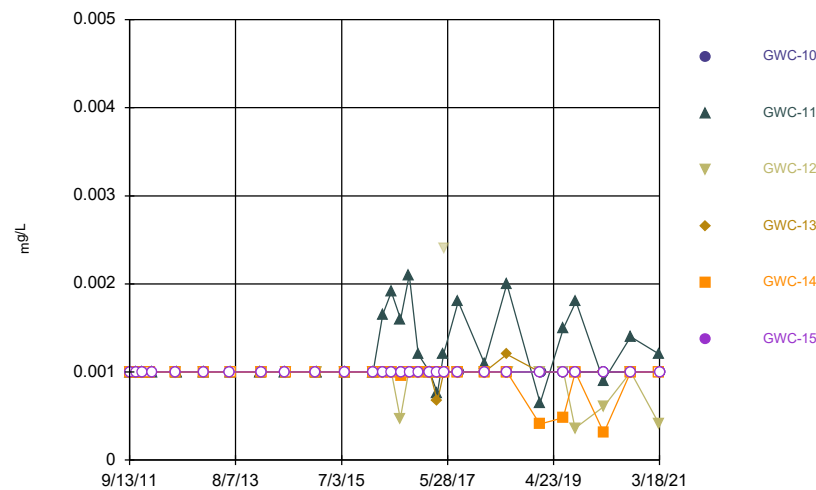
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### Time Series



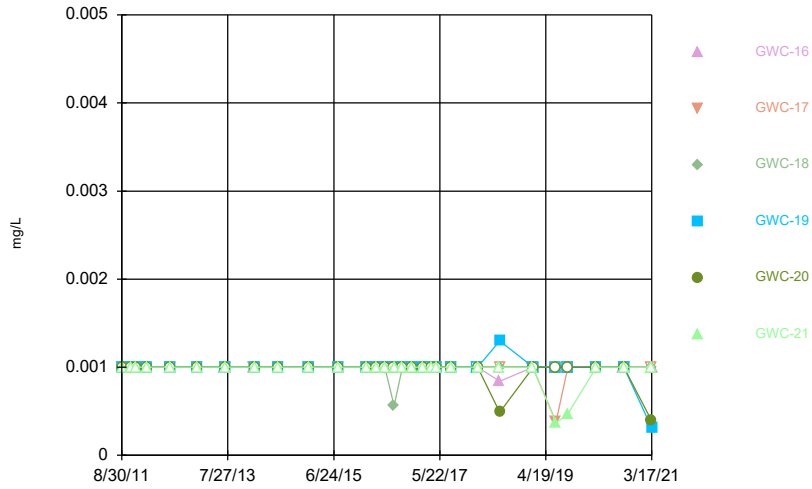
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### Time Series



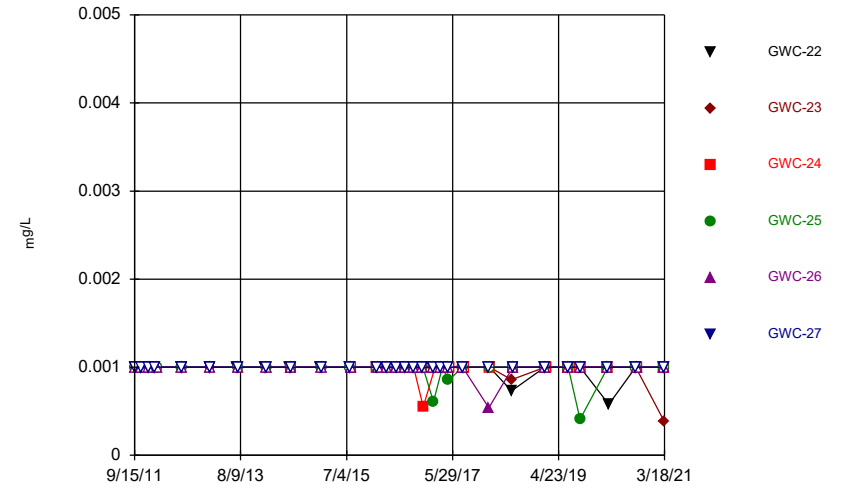
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### Time Series



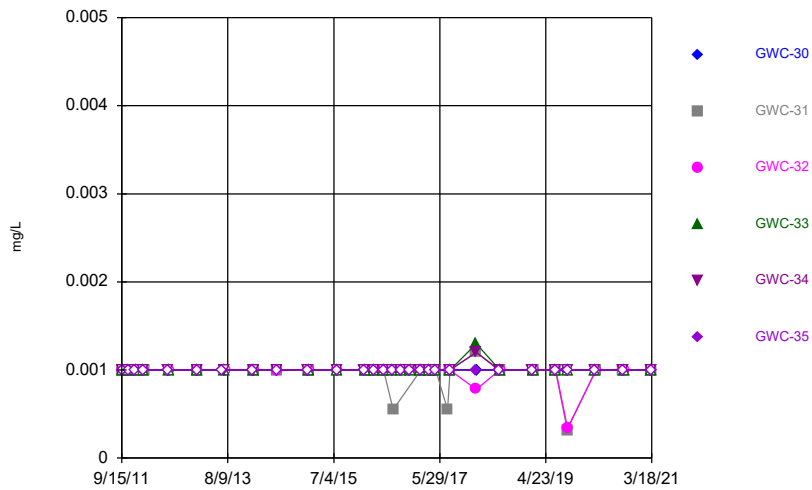
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### Time Series



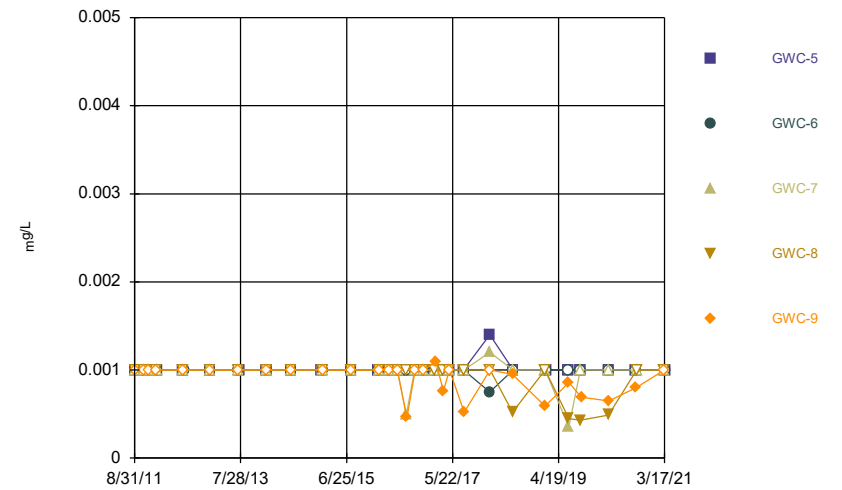
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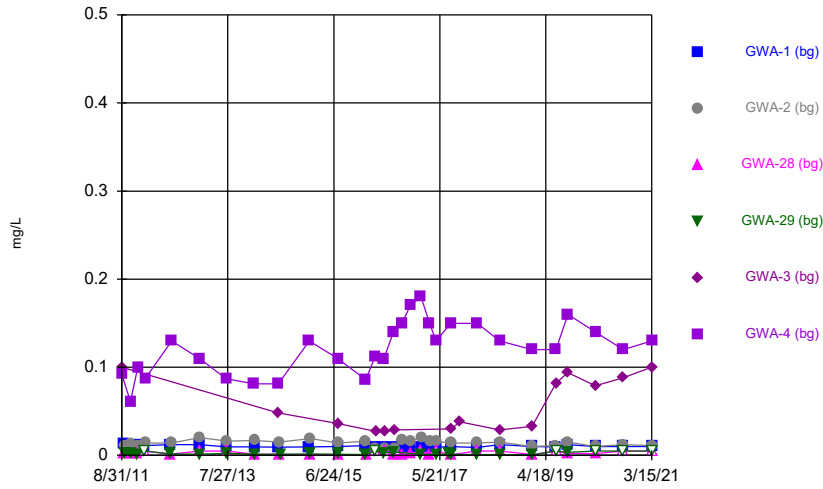
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### Time Series



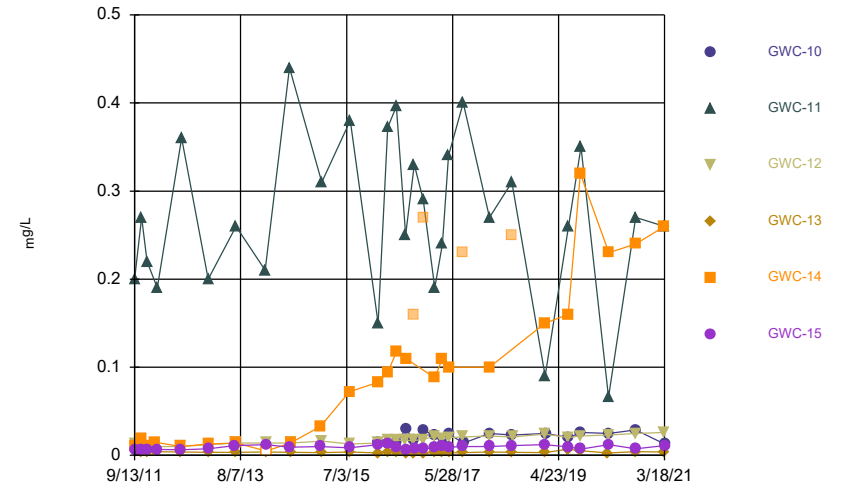
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



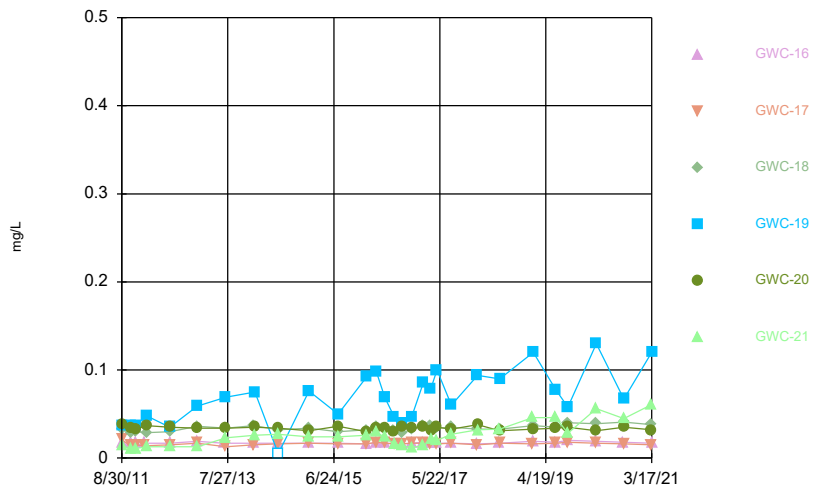
Constituent: Barium Analysis Run 4/24/2021 11:43 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



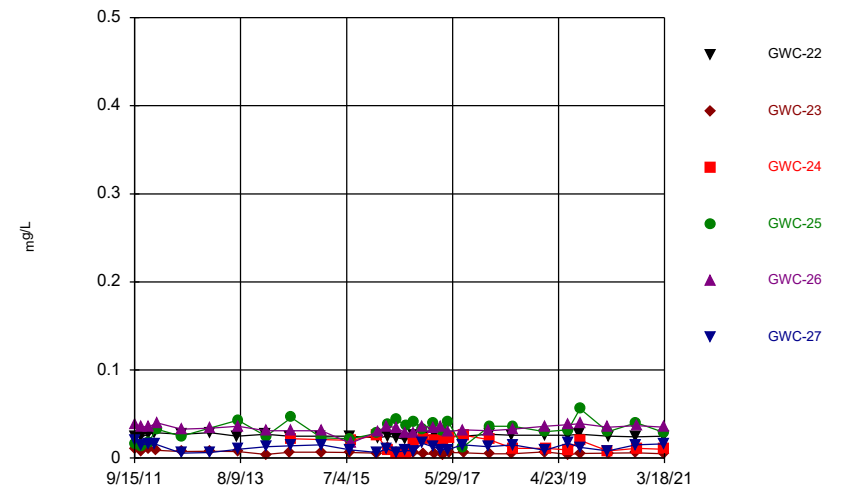
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



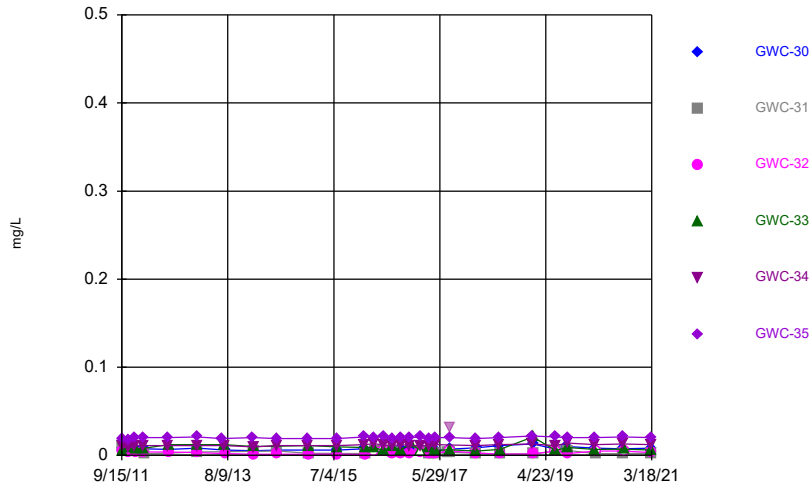
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### Time Series



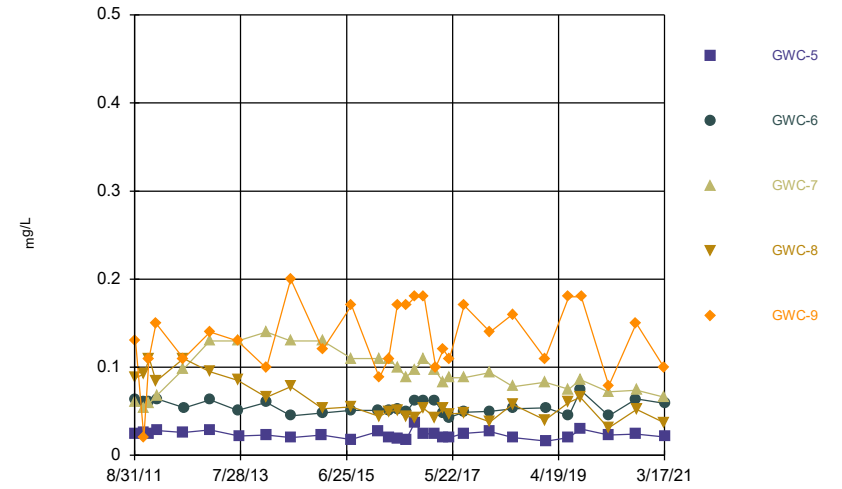
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



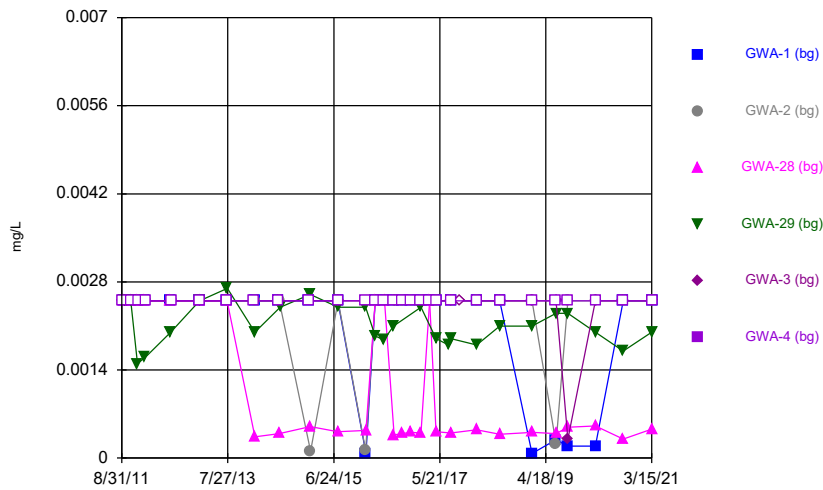
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



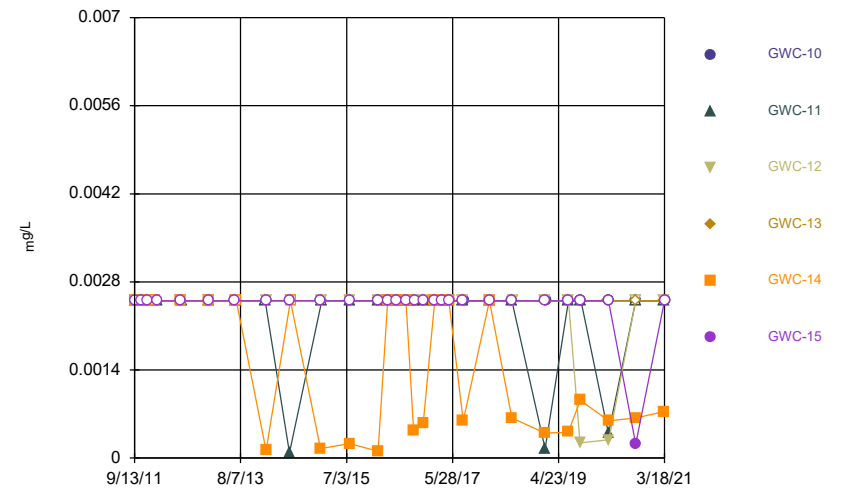
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



Constituent: Beryllium Analysis Run 4/24/2021 11:43 AM  
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### Time Series

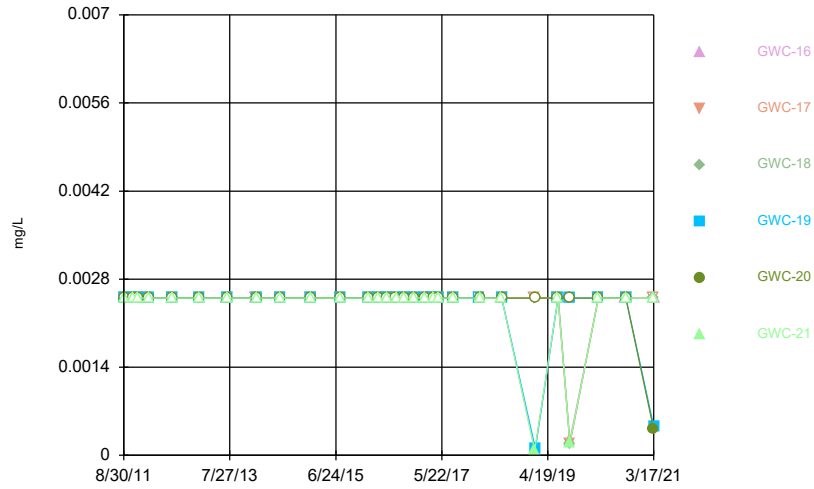


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Plant Wansley Client: Southern Company Data: Wansley Landfill



Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

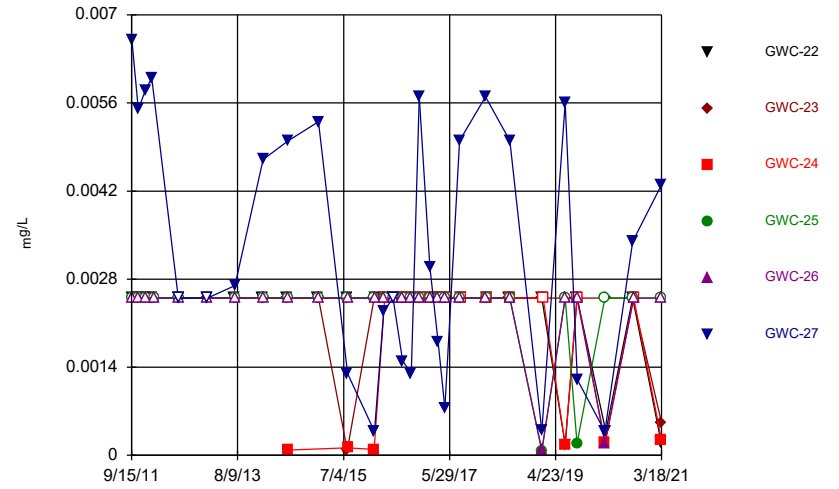
### Time Series



Constituent: Beryllium Analysis Run 4/24/2021 11:43 AM  
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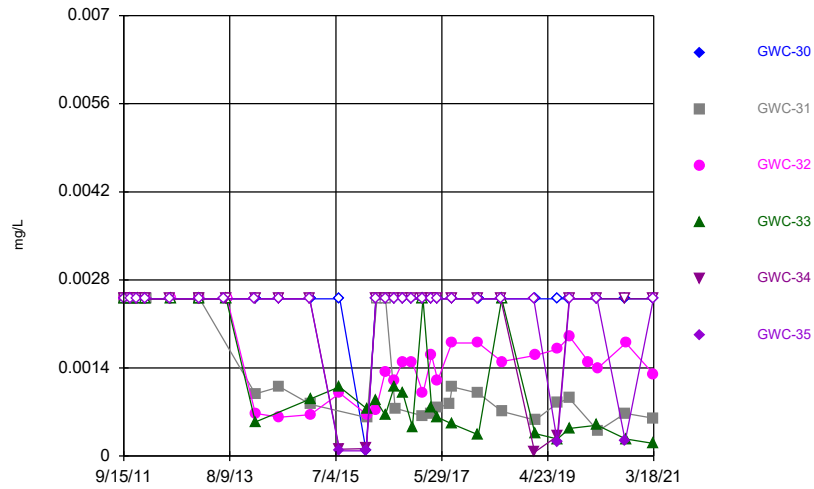
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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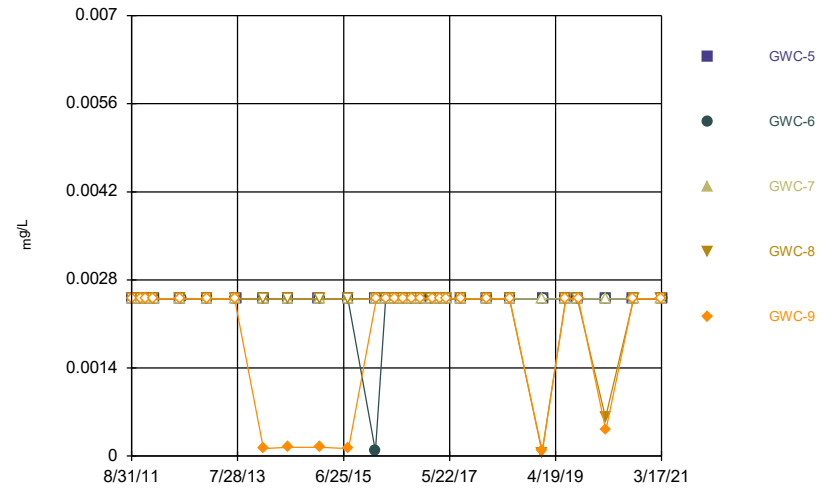
### Time Series



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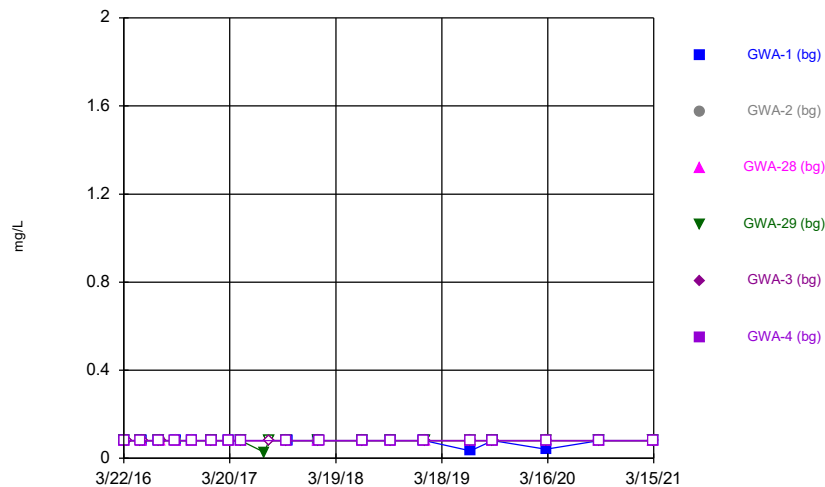
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### Time Series



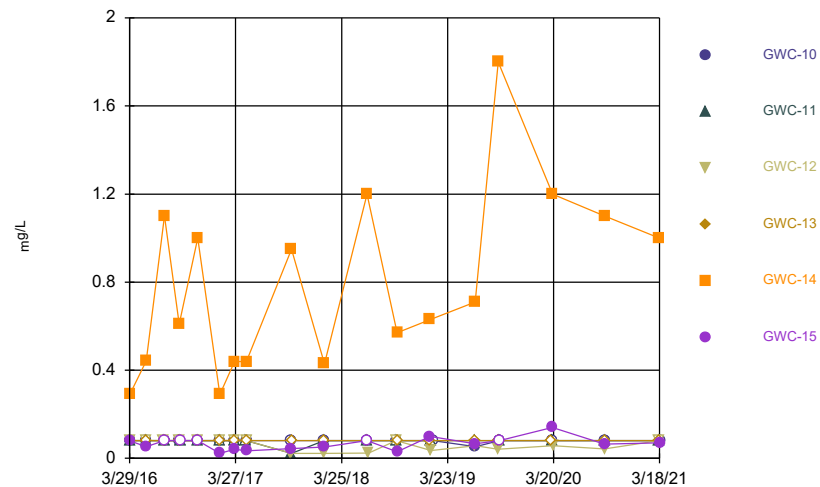
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



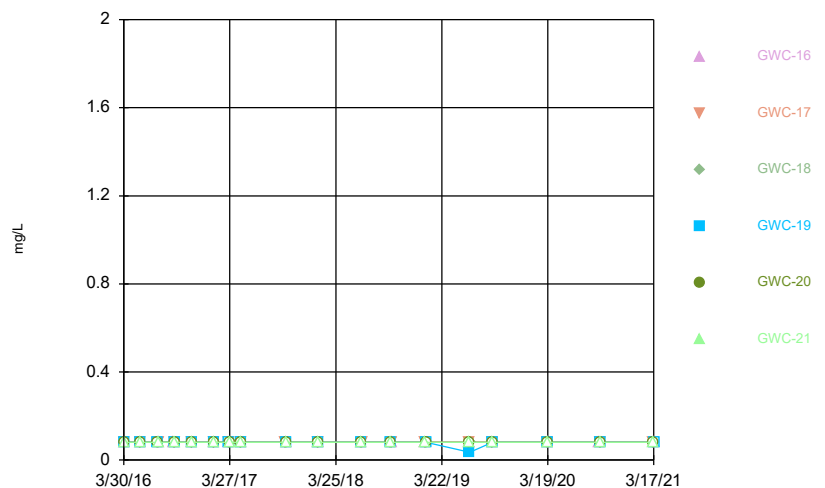
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



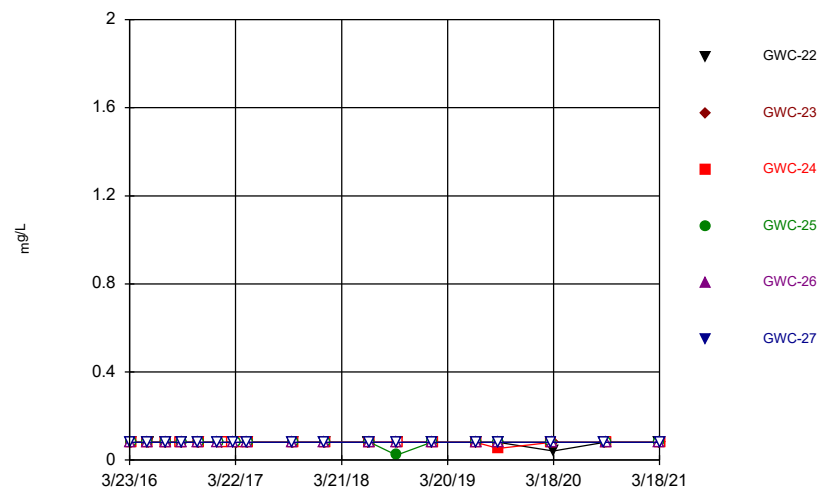
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### Time Series



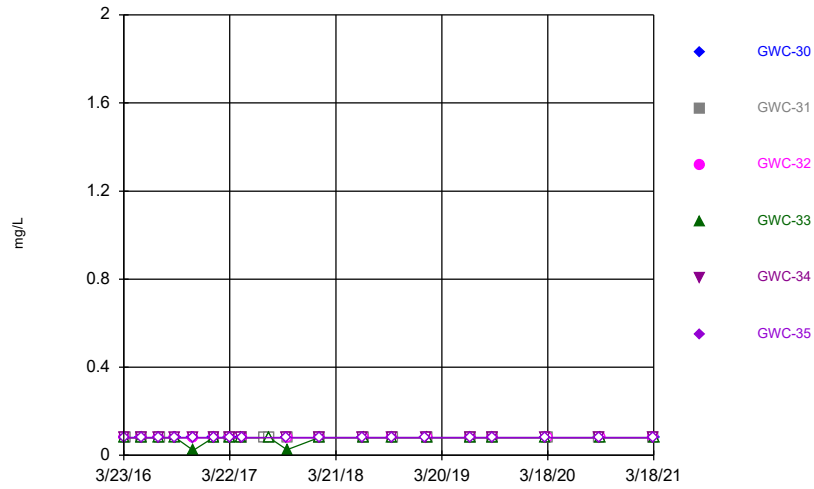
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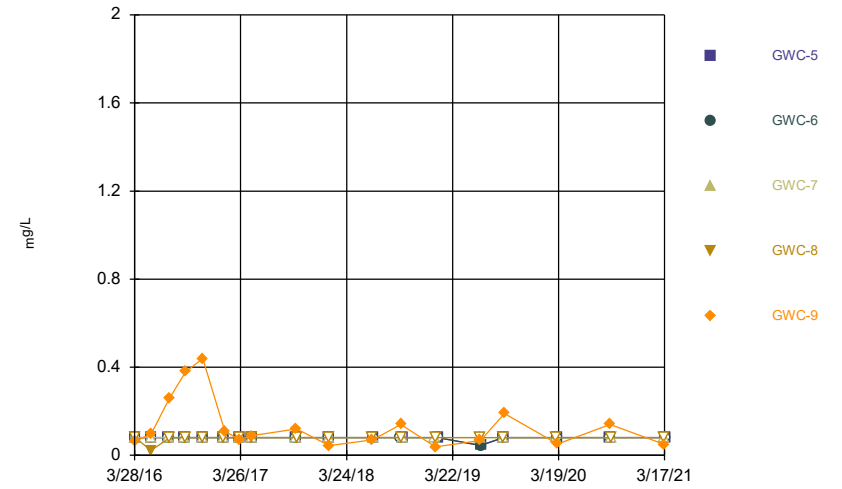
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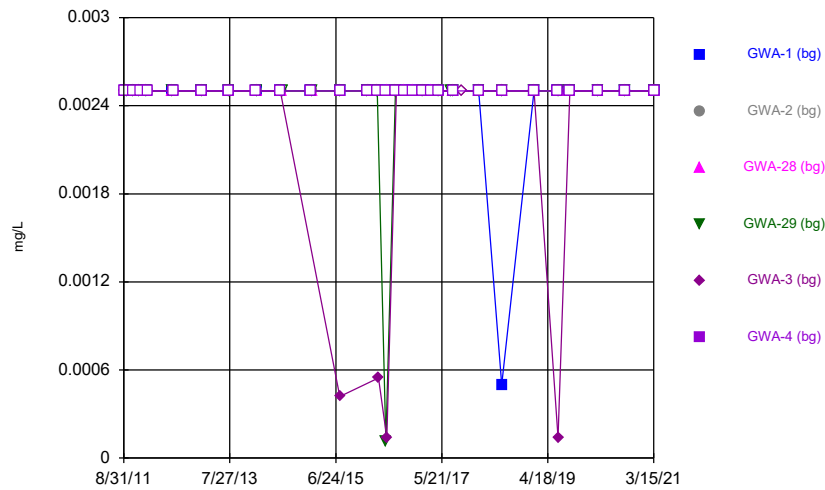
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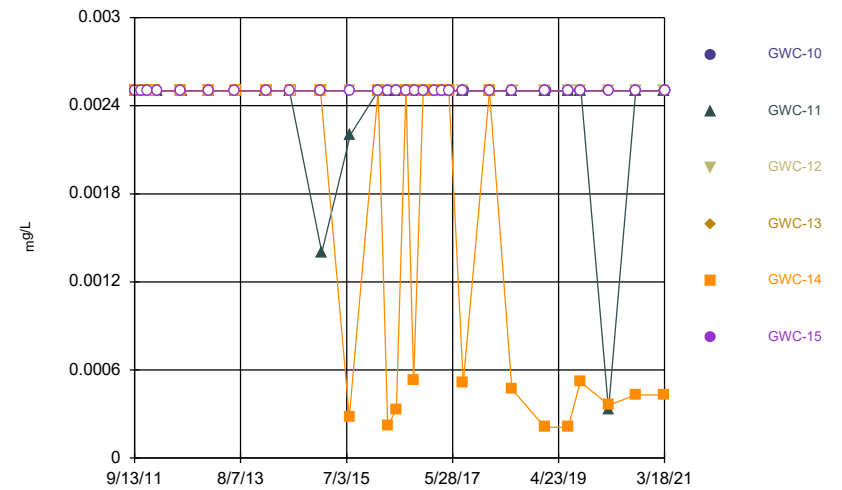
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



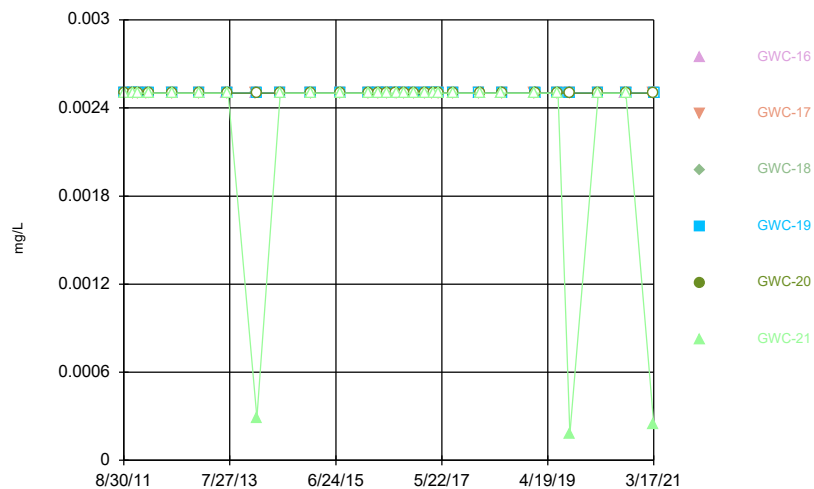
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### Time Series



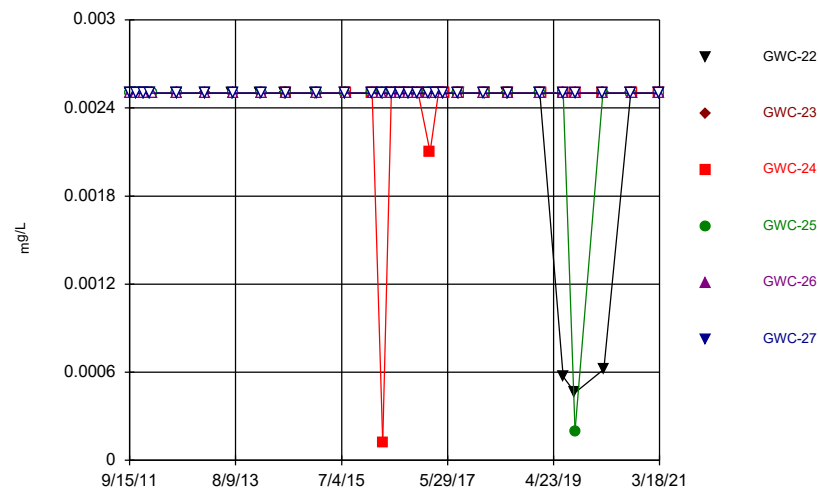
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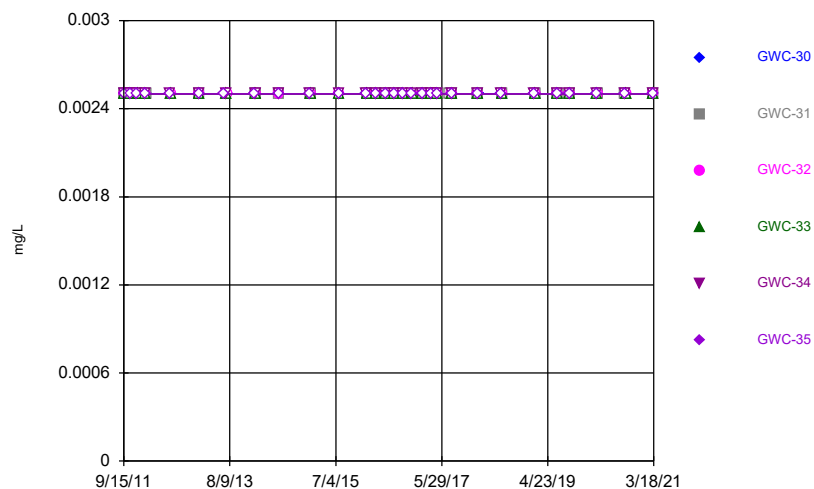
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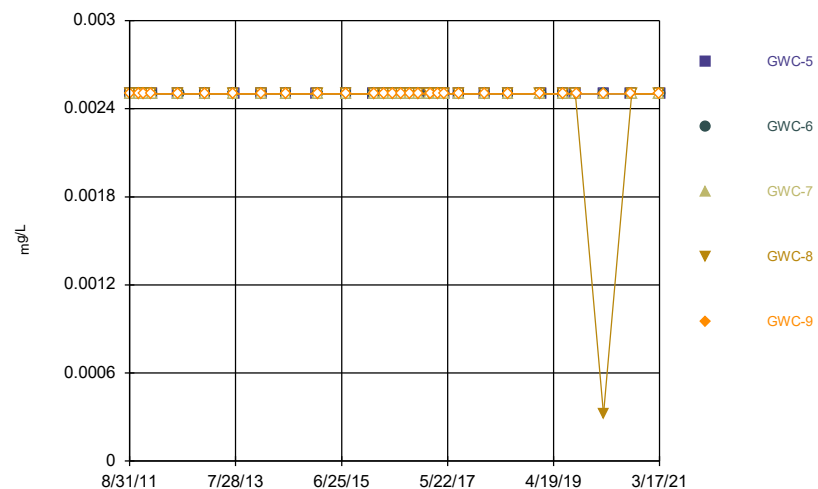
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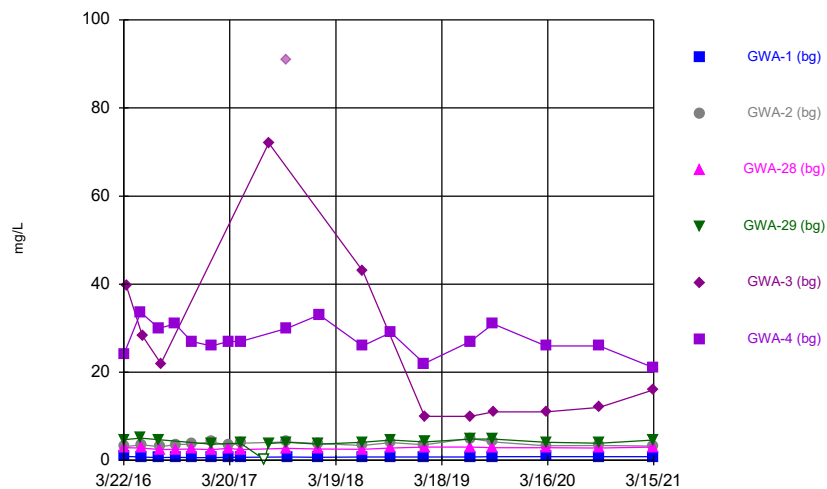
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### Time Series



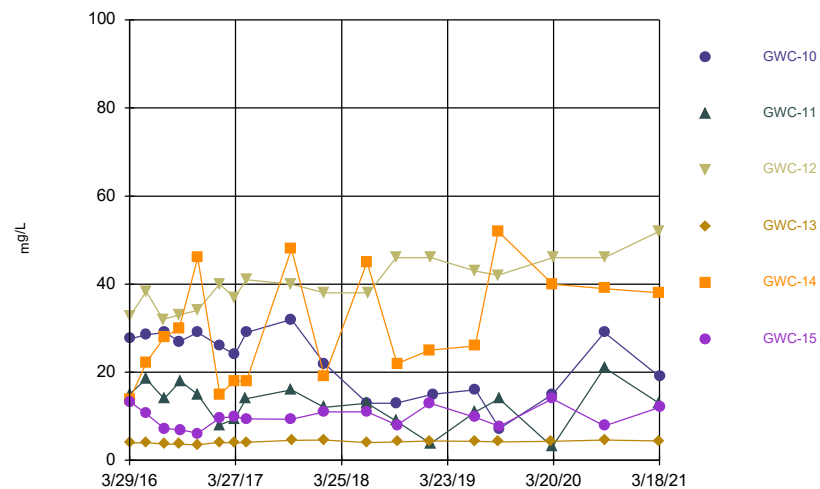
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### Time Series



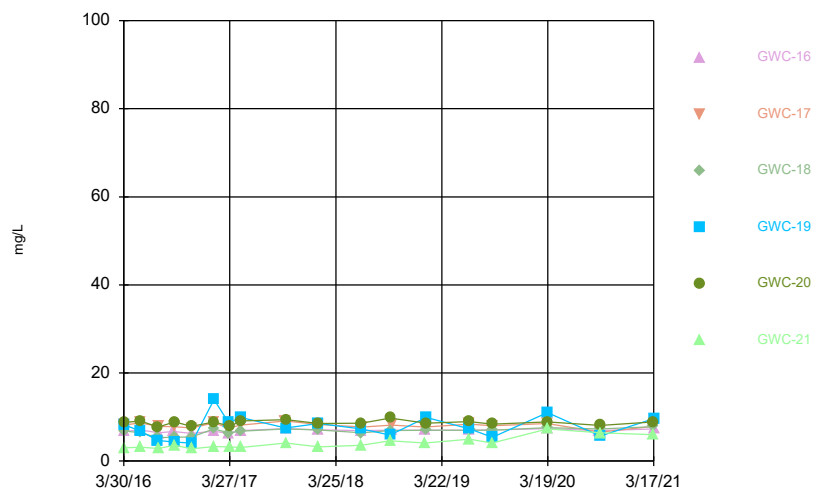
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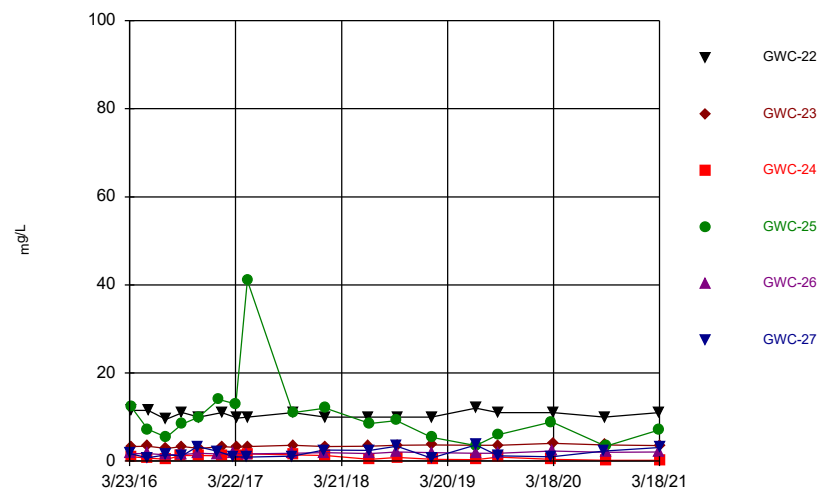
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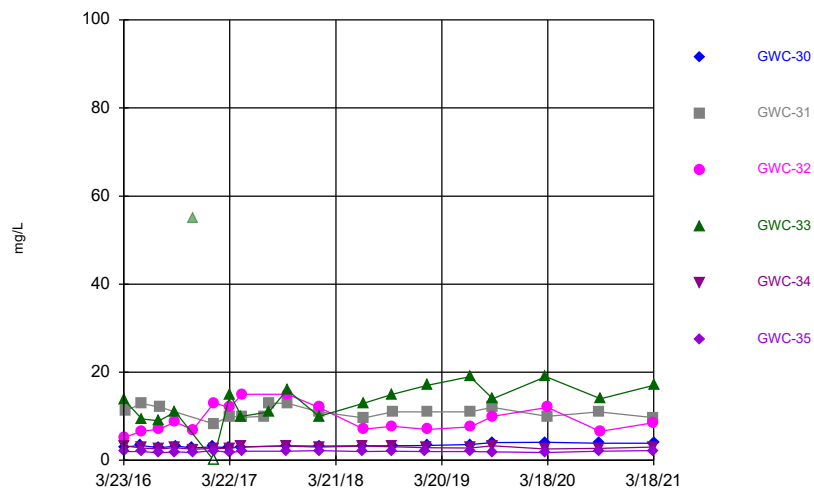
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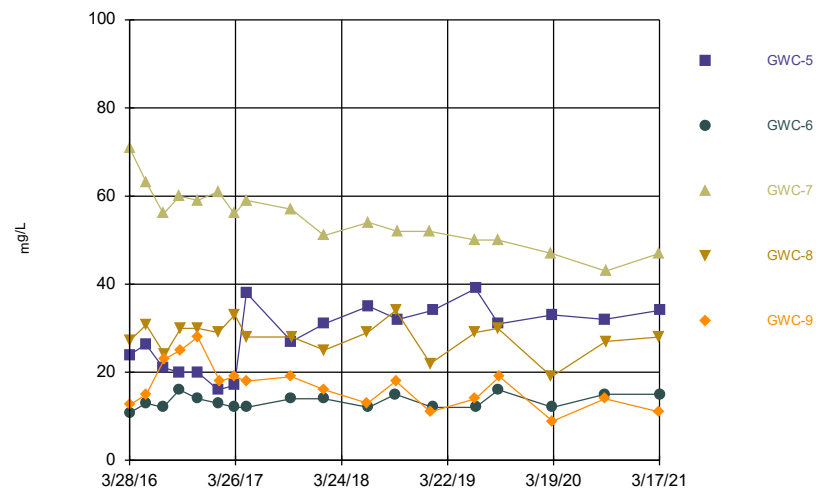
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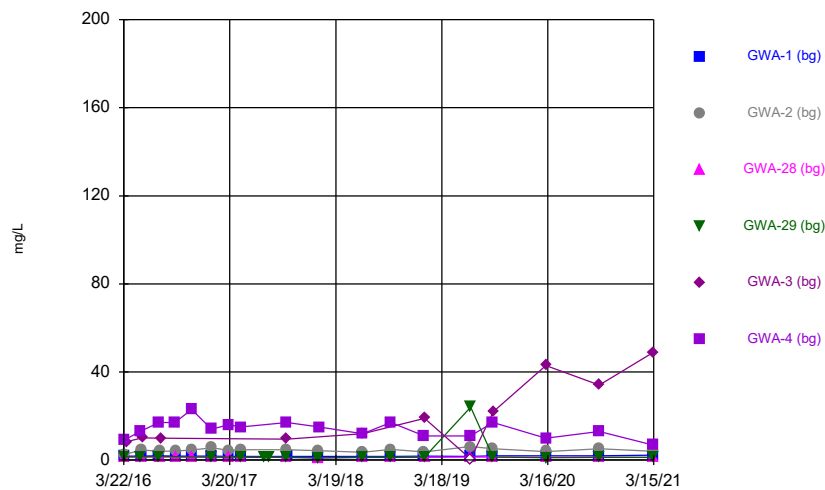
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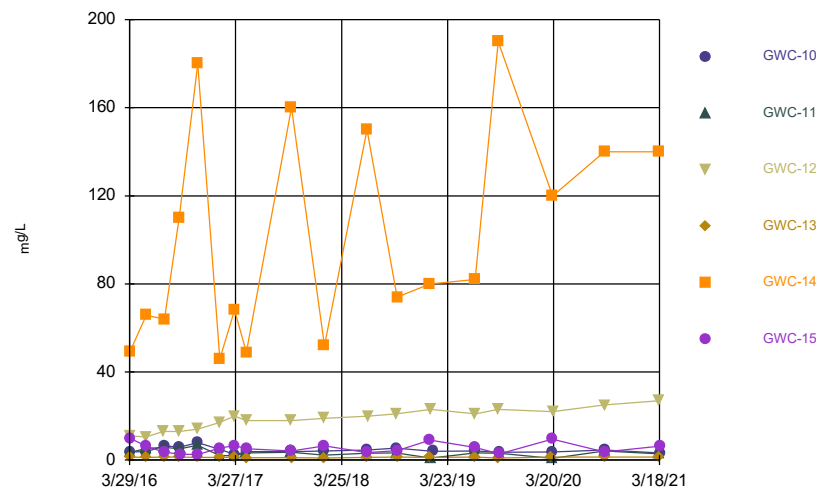
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Plant Wansley Client: Southern Company Data: Wansley Landfill

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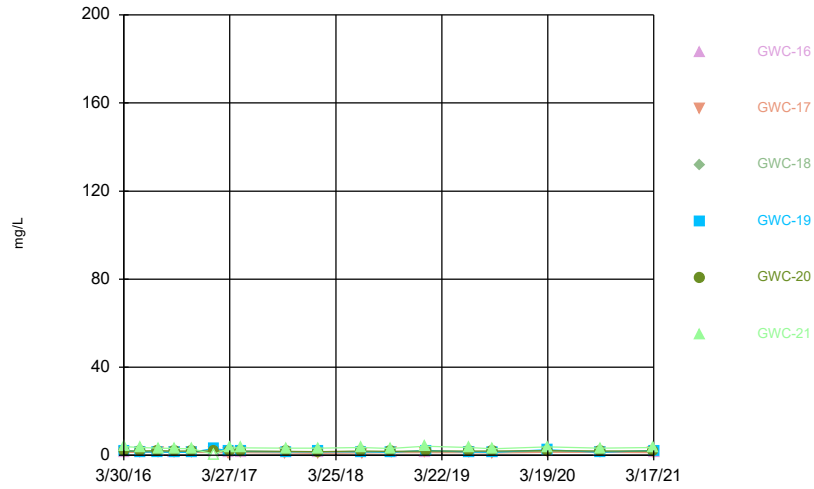
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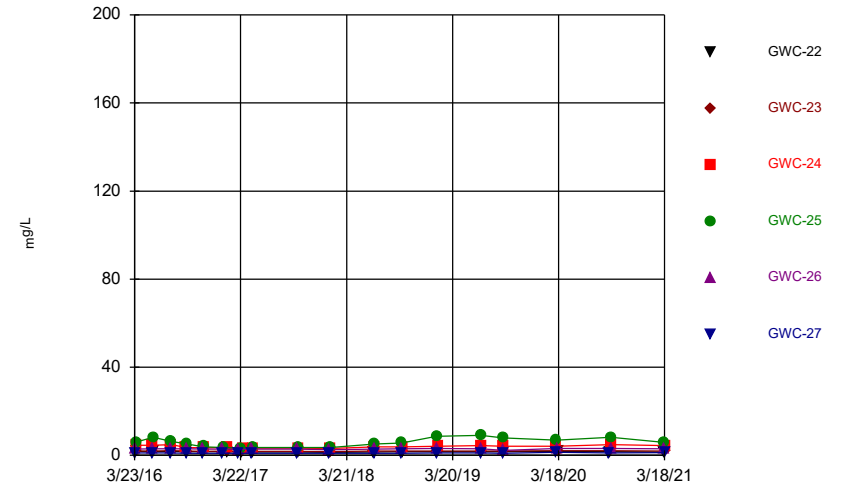
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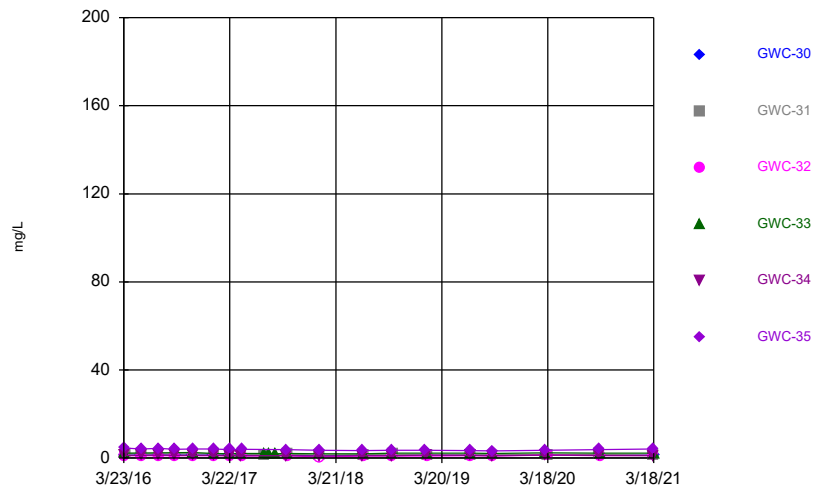
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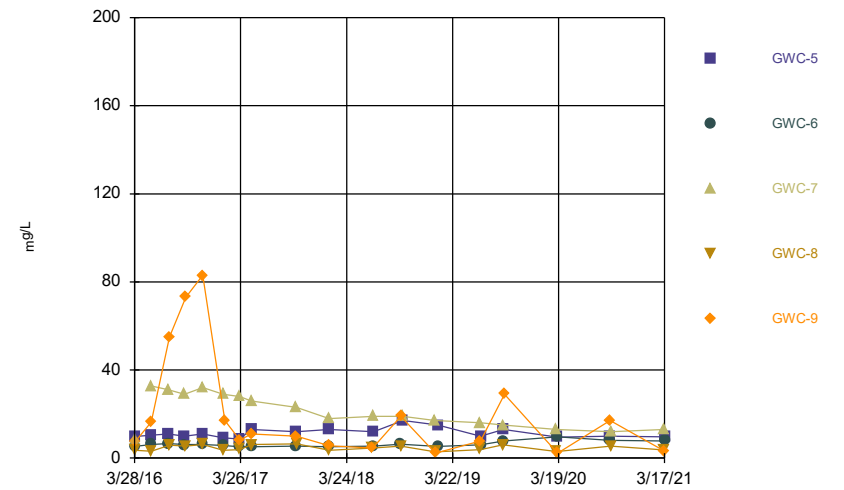
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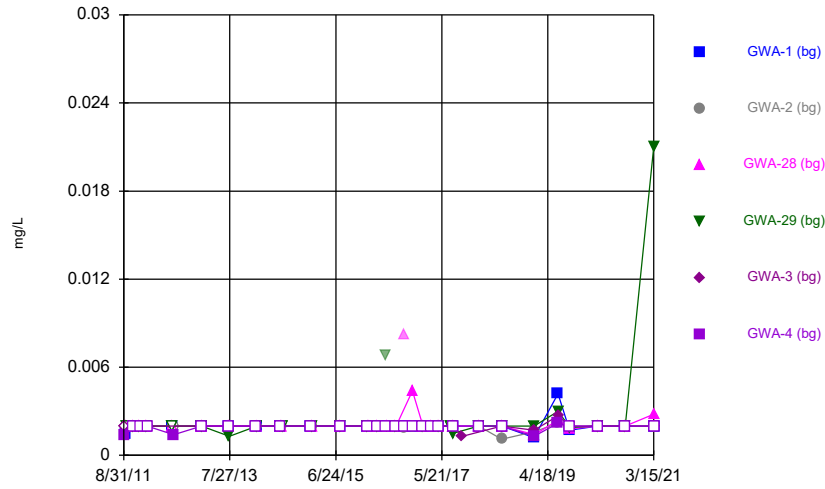
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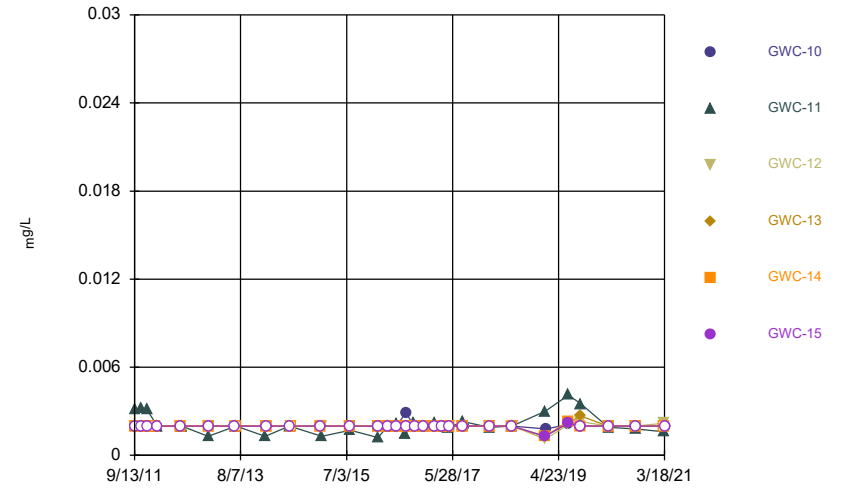
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### Time Series



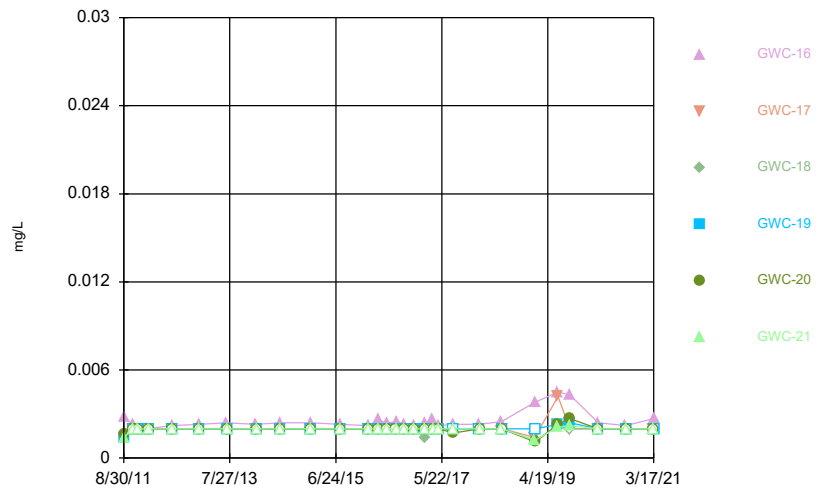
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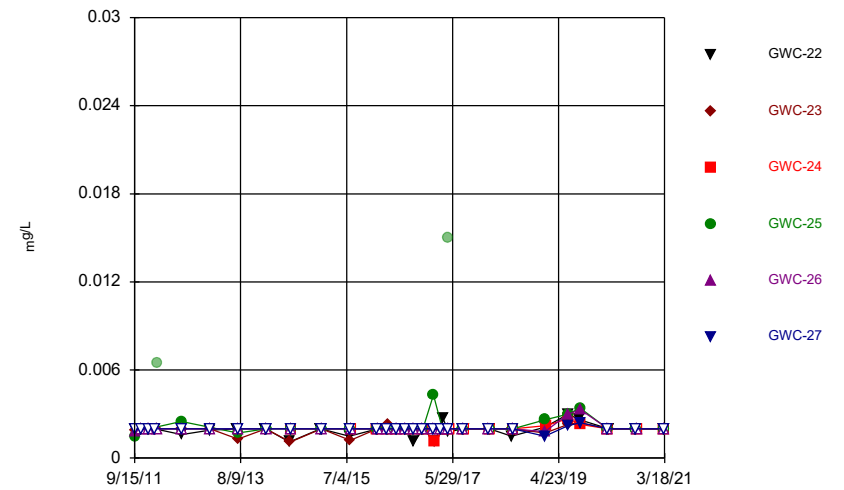
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### Time Series



Constituent: Chromium Analysis Run 4/24/2021 11:44 AM  
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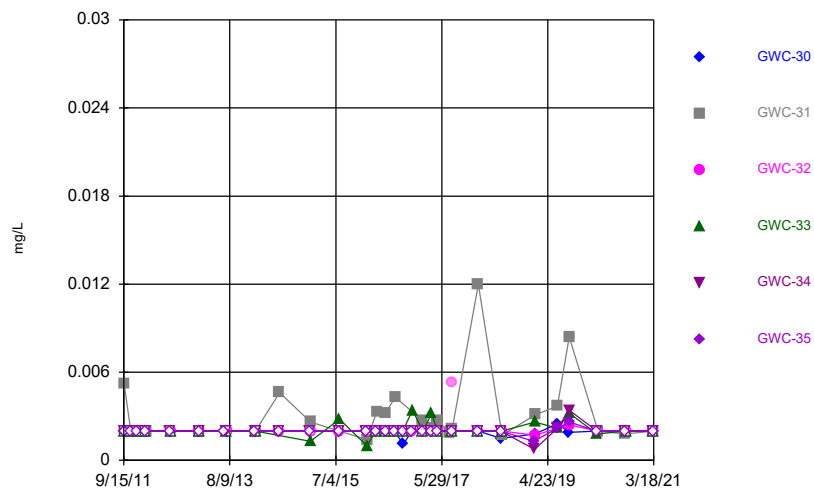
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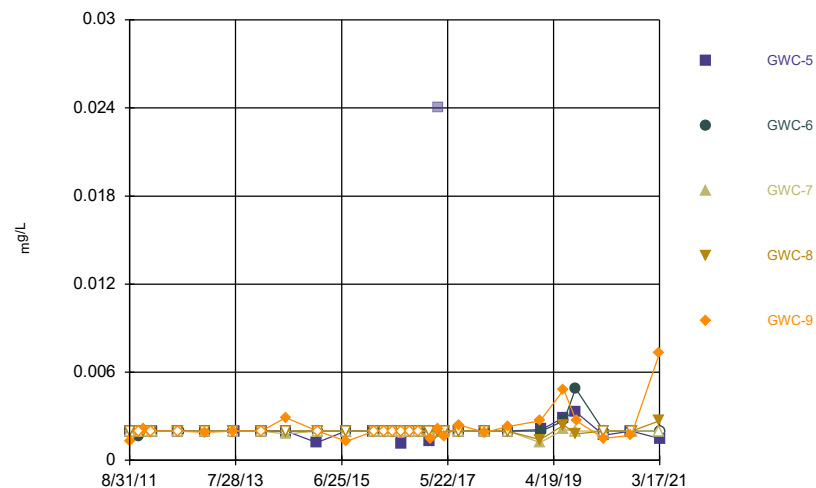


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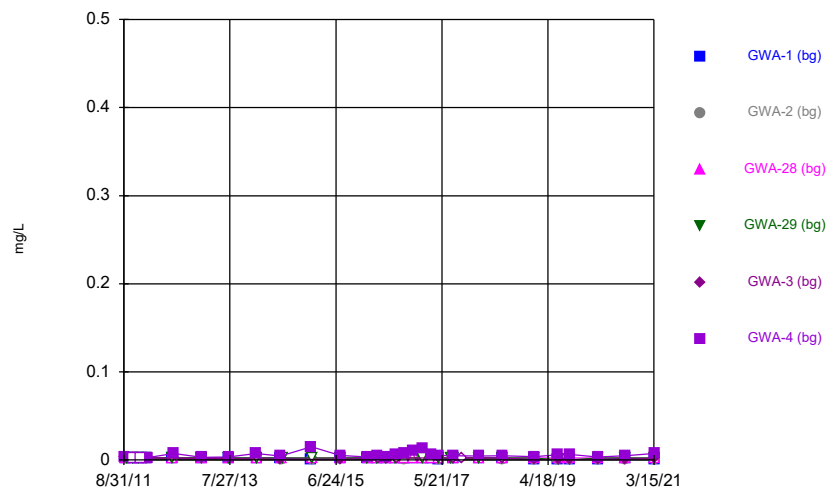
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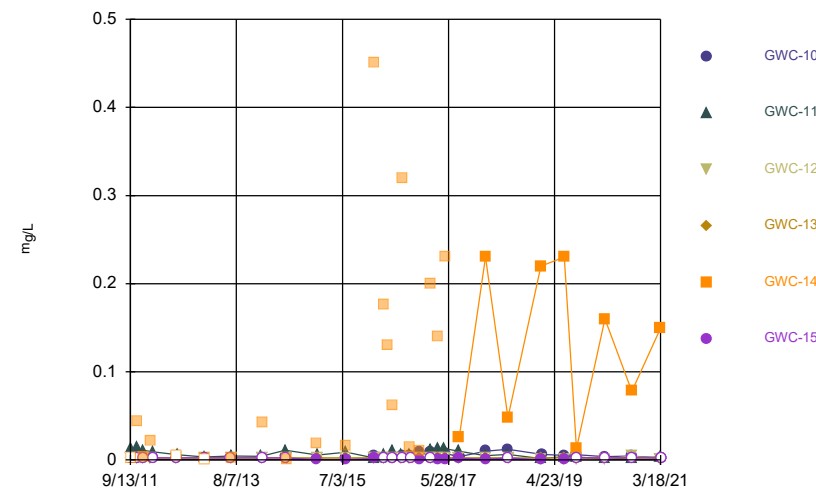
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



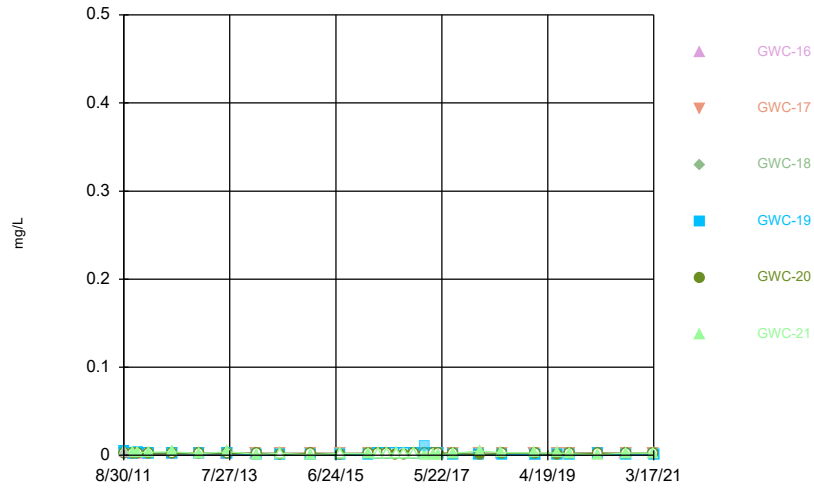
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### Time Series



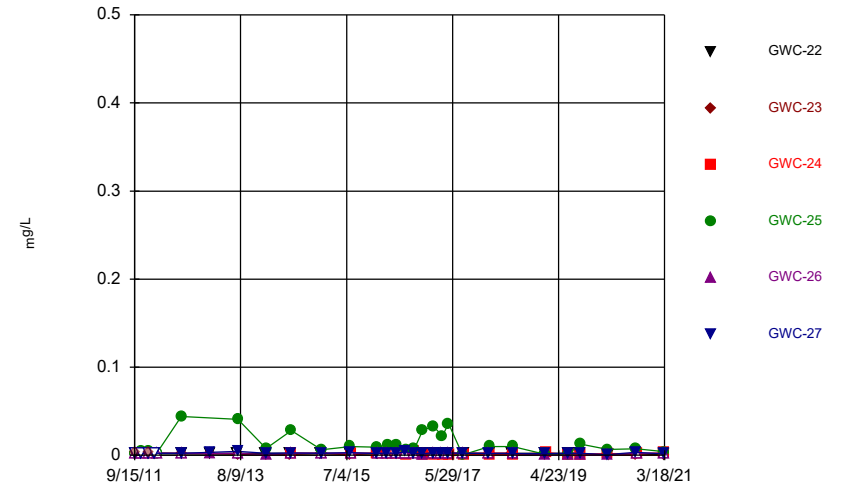
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### Time Series



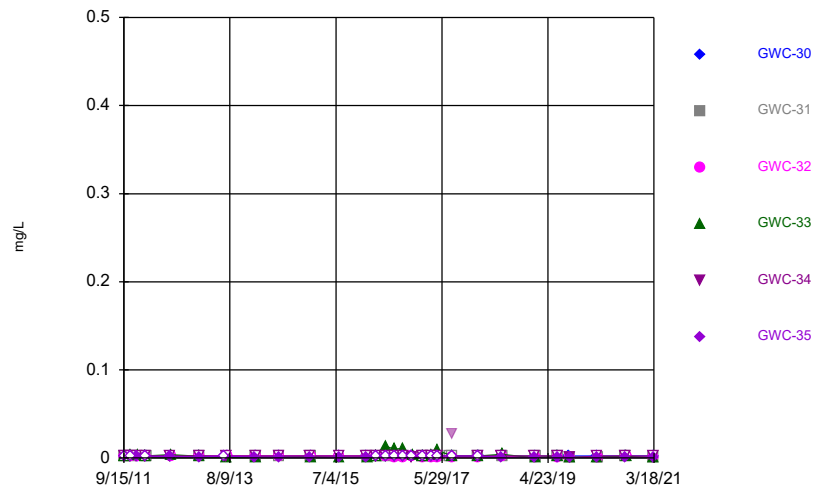
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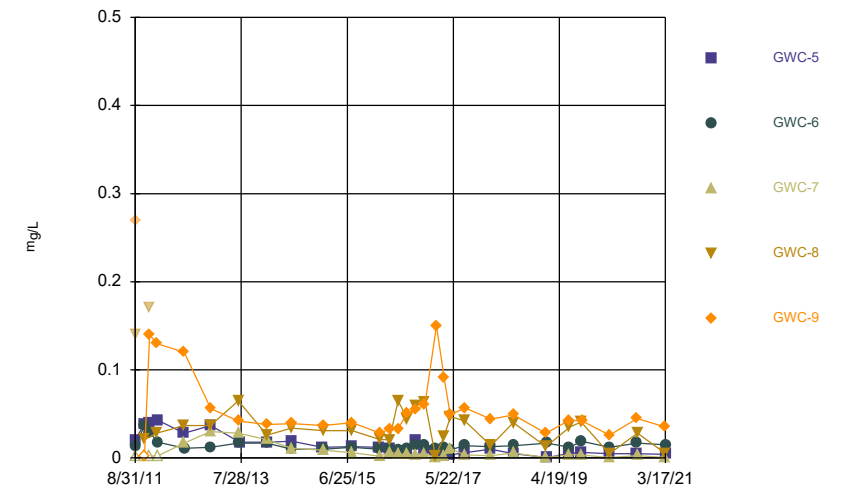
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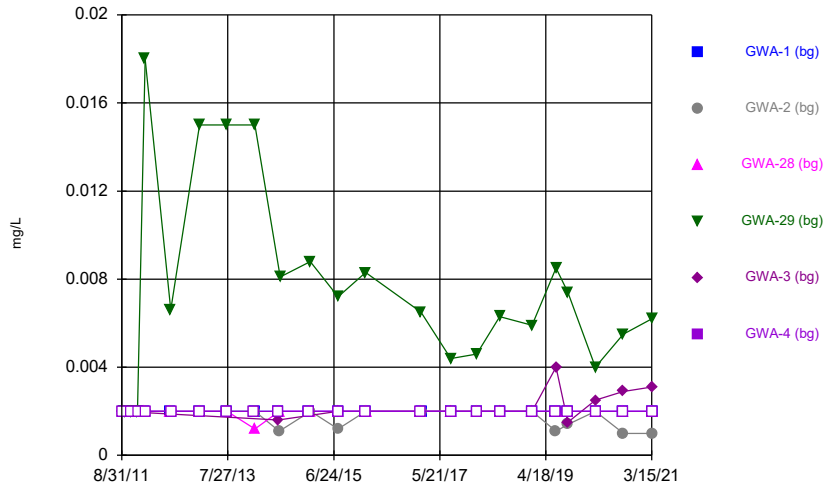
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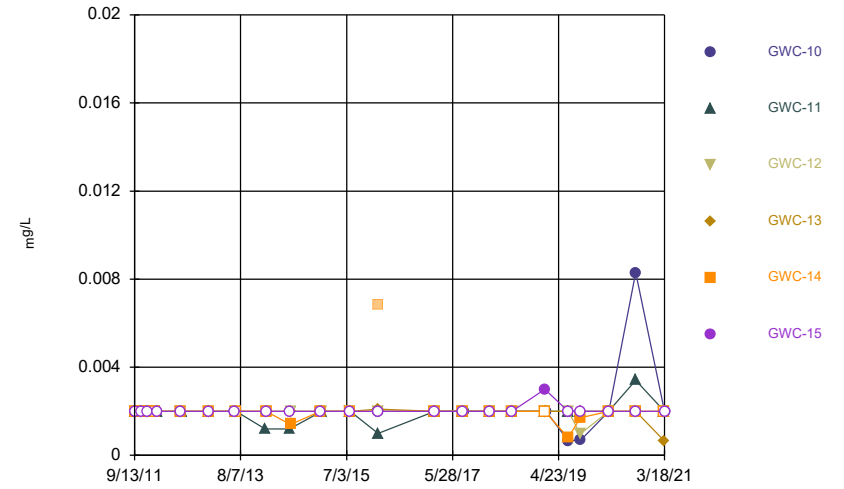
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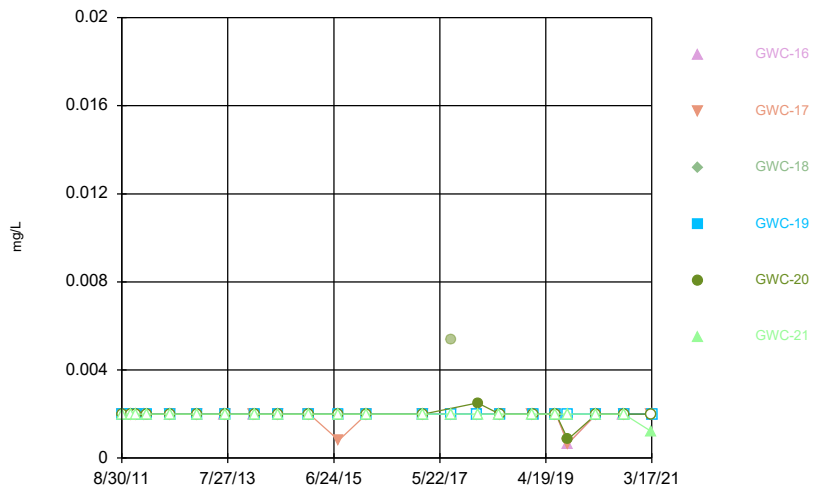
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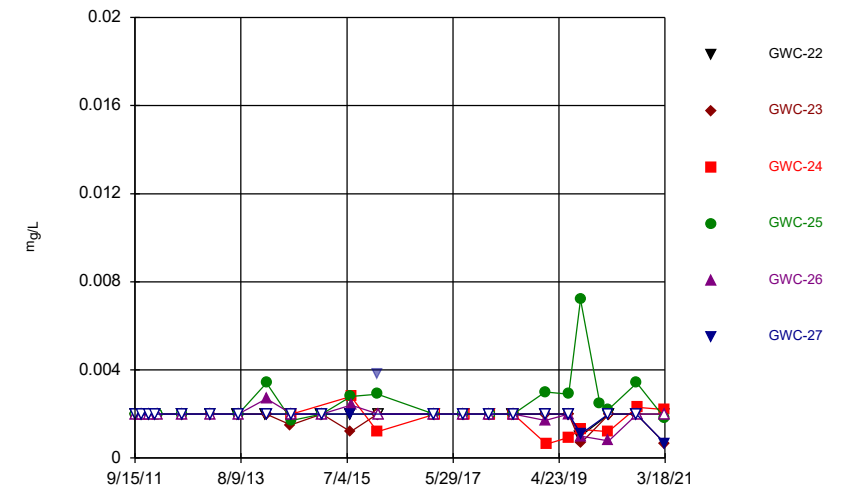
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### Time Series



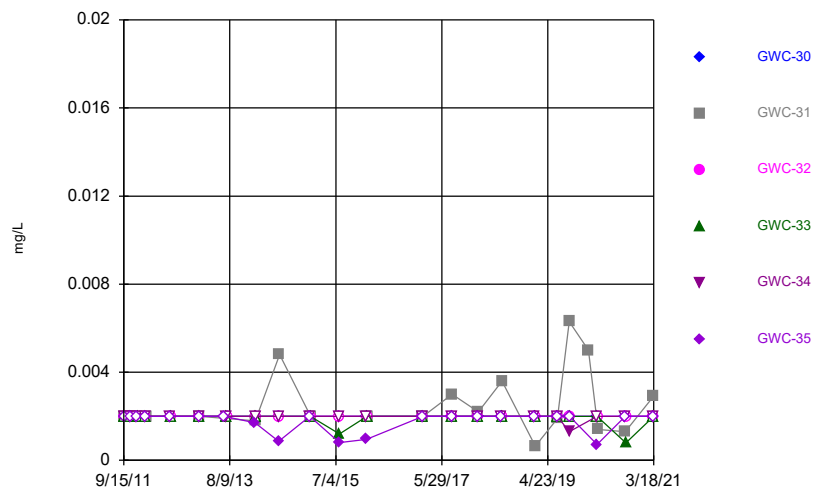
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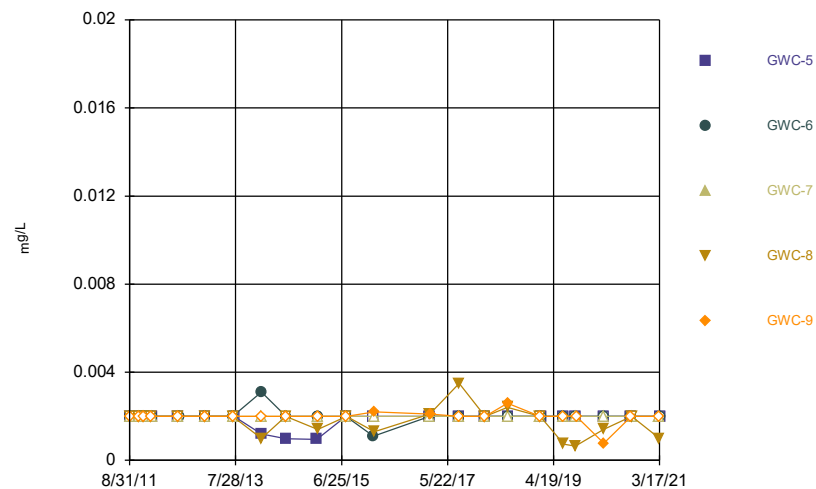
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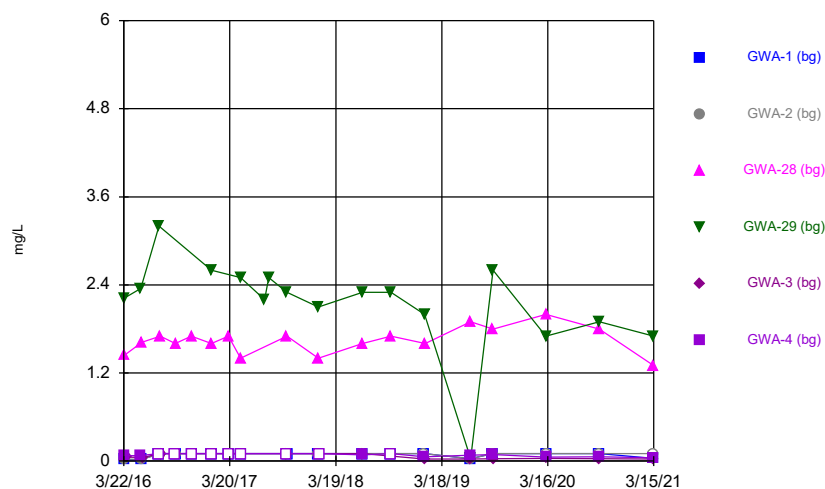
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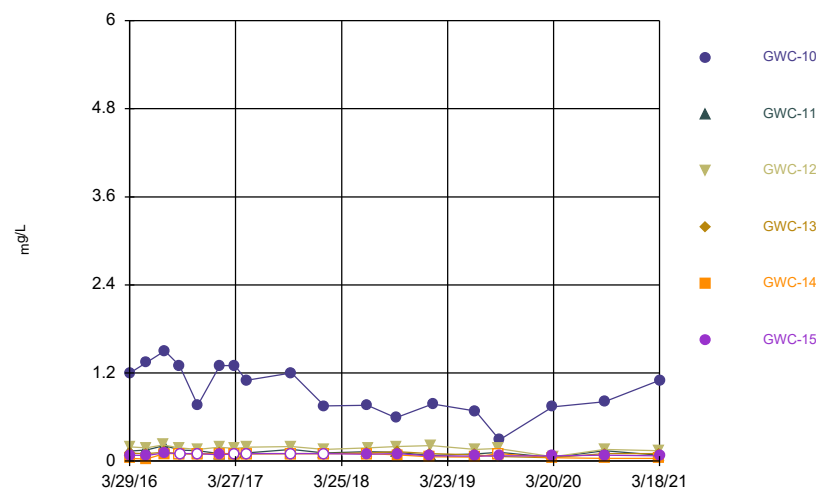
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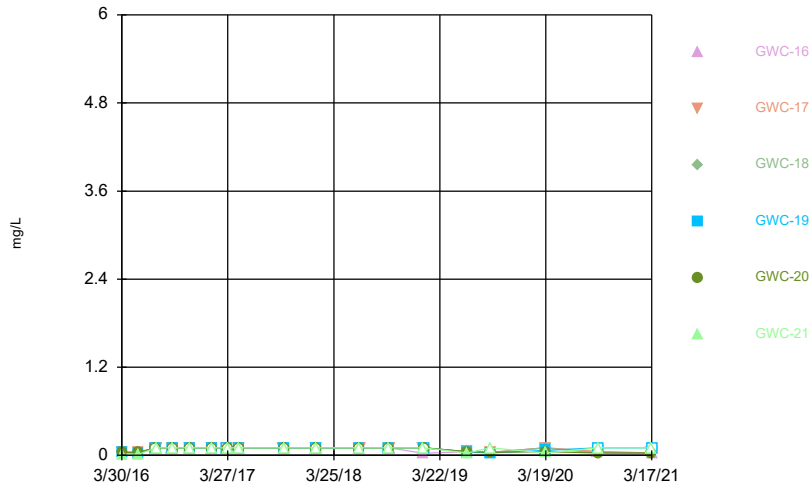
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Time Series



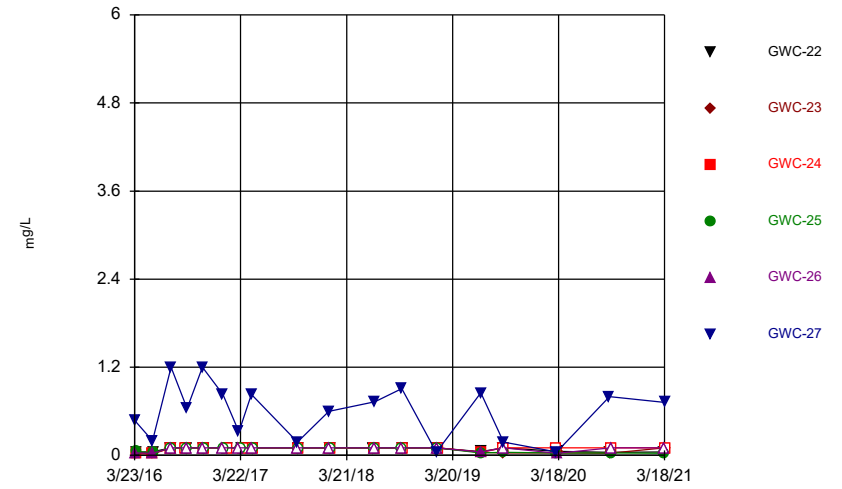
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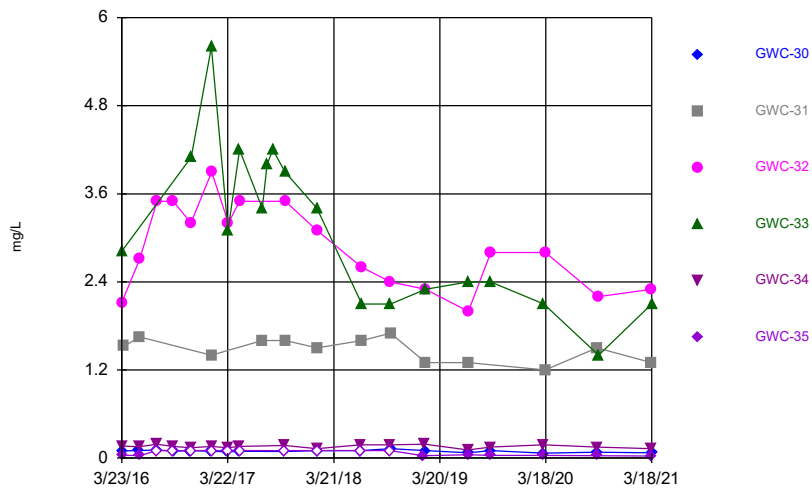
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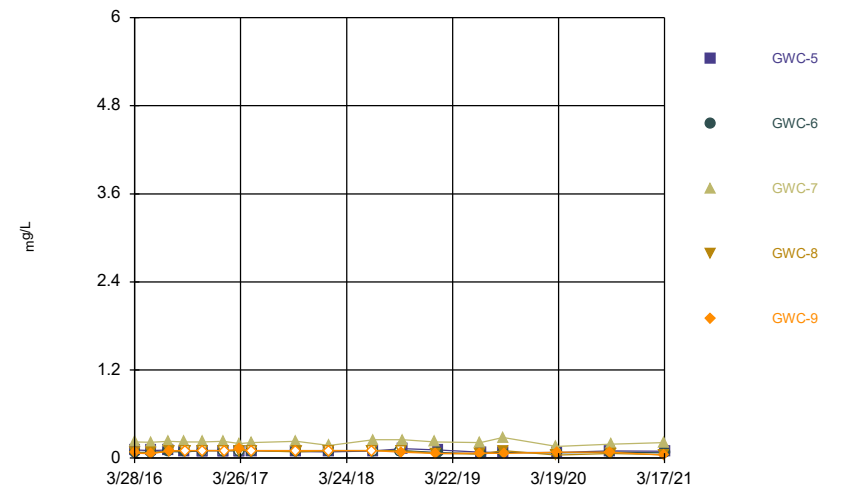
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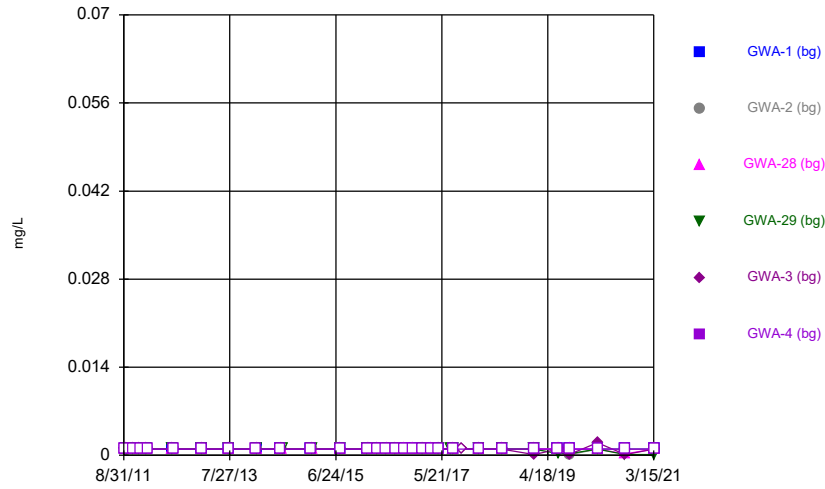
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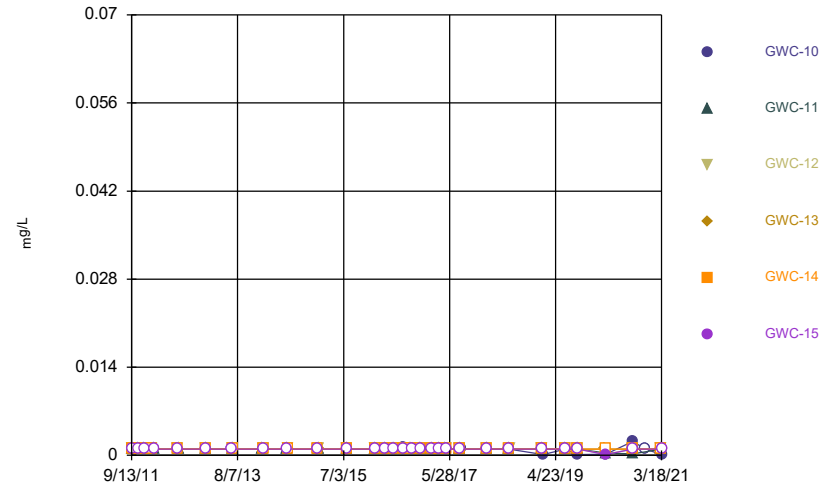
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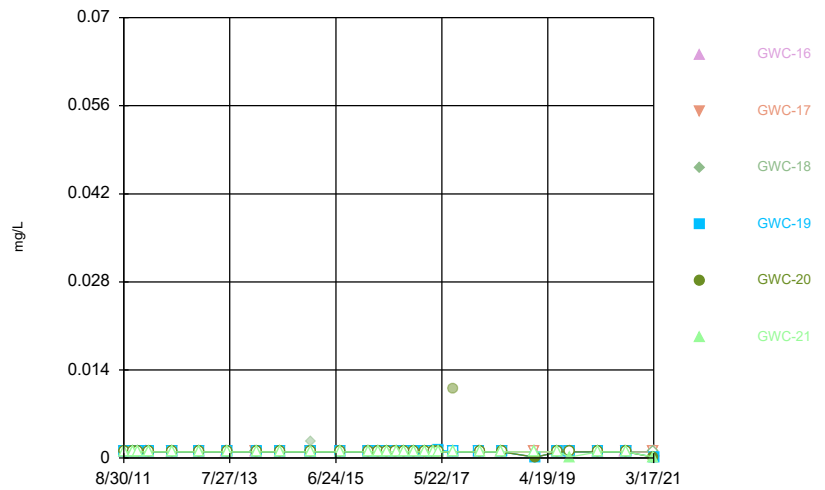
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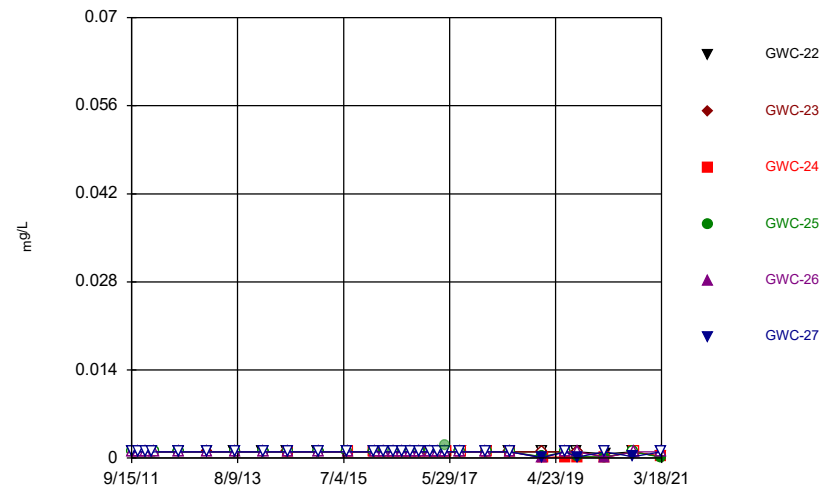
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



Constituent: Lead Analysis Run 4/24/2021 11:44 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

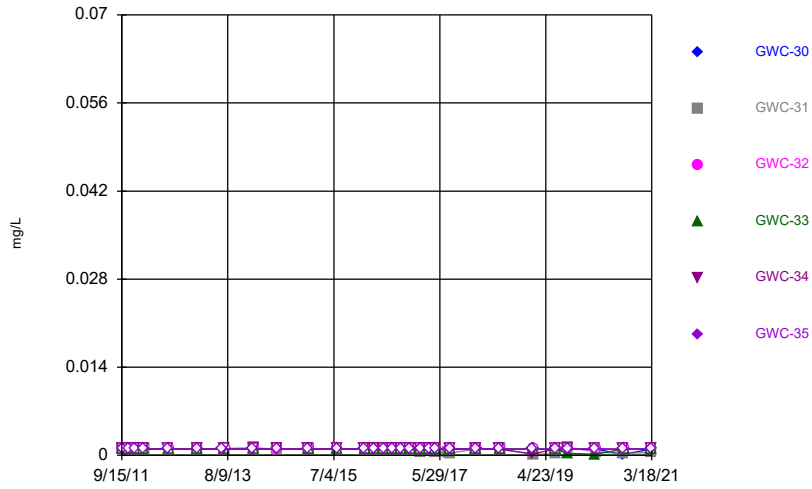
### Time Series



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.

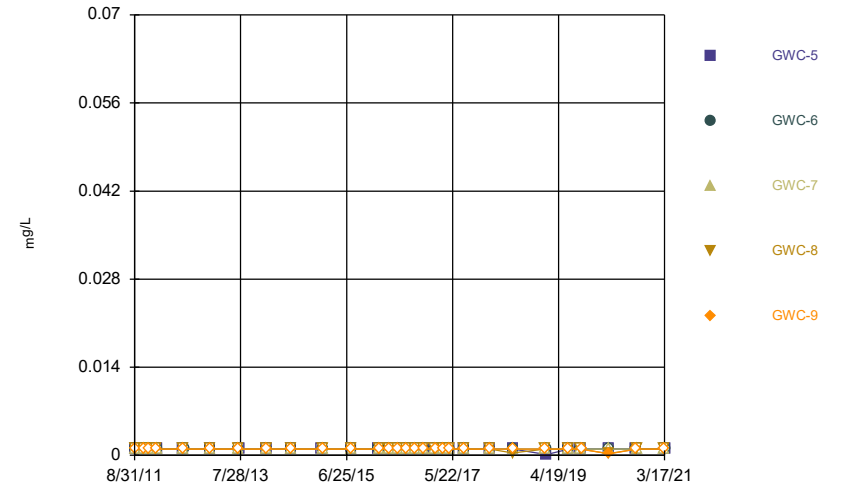
### Time Series



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.

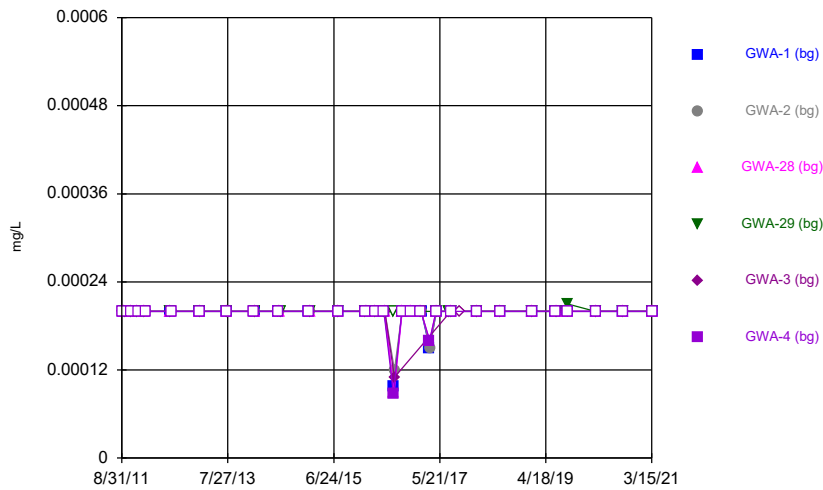
### Time Series



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.

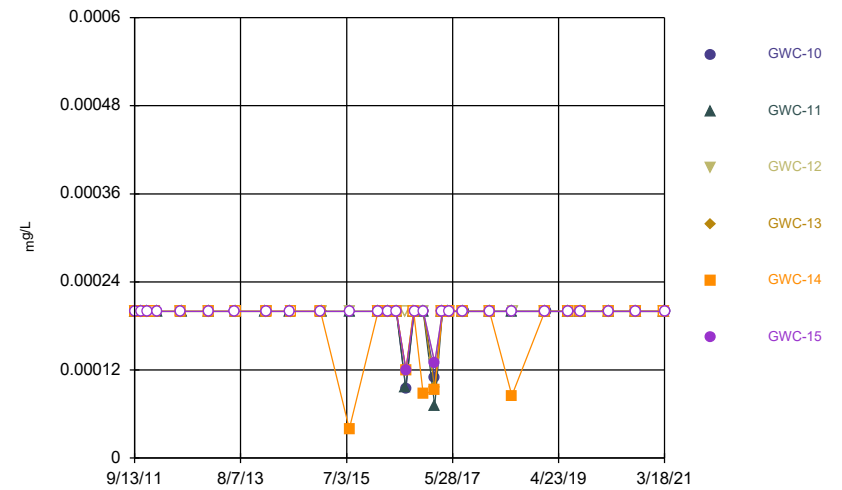
### Time Series



Constituent: Mercury Analysis Run 4/24/2021 11:44 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

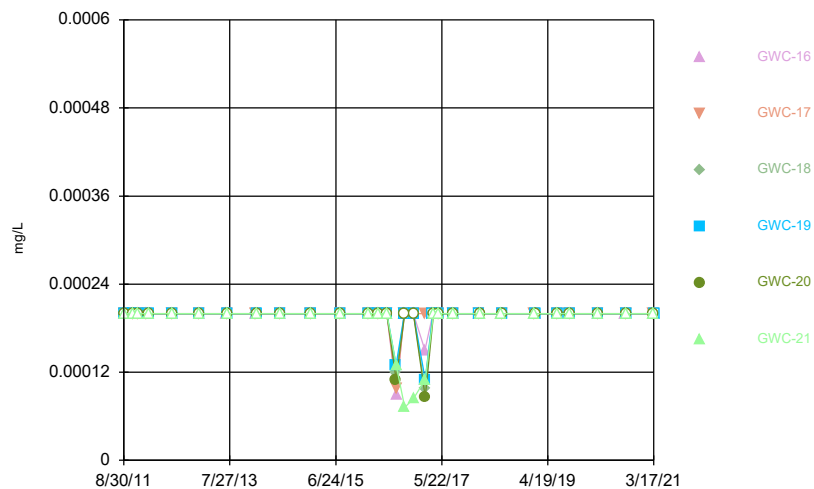
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

### Time Series



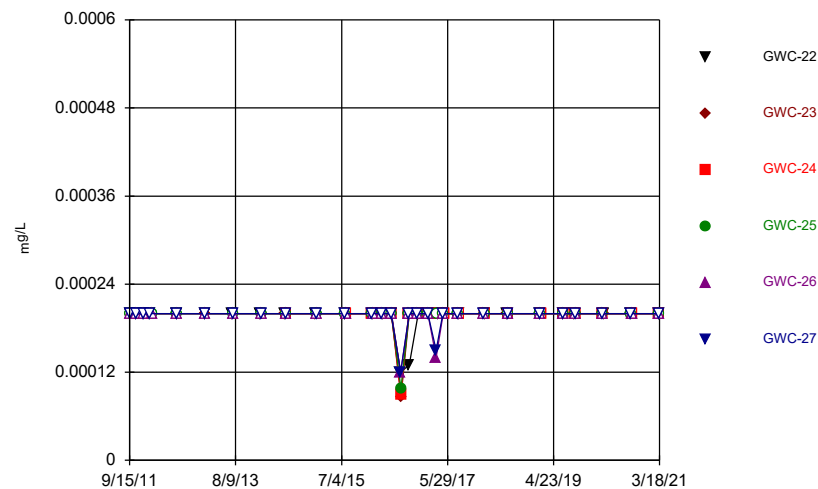
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



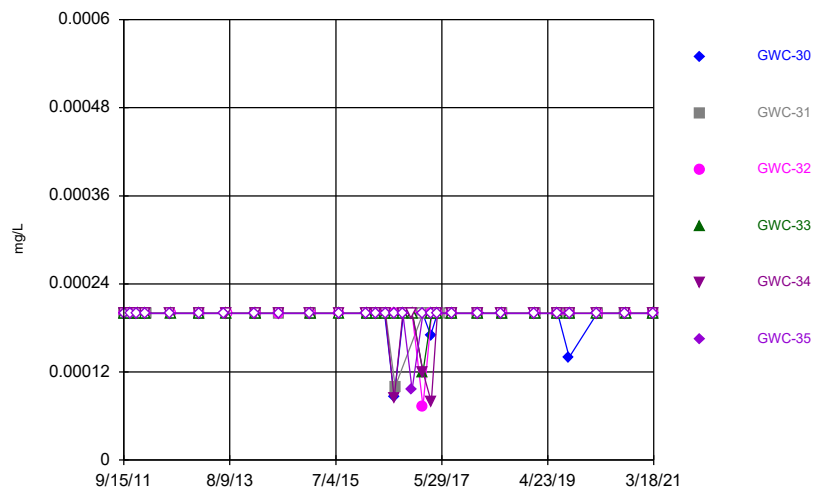
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



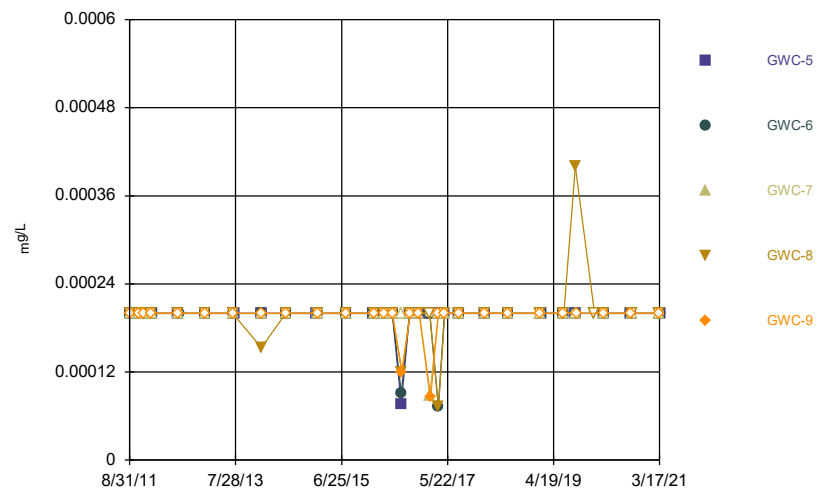
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



Constituent: Mercury Analysis Run 4/24/2021 11:44 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

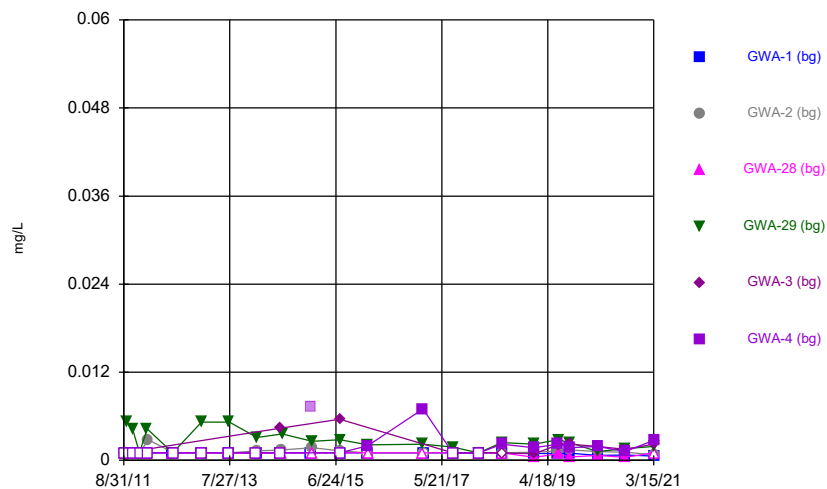
### Time Series



Constituent: Mercury Analysis Run 4/24/2021 11:44 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

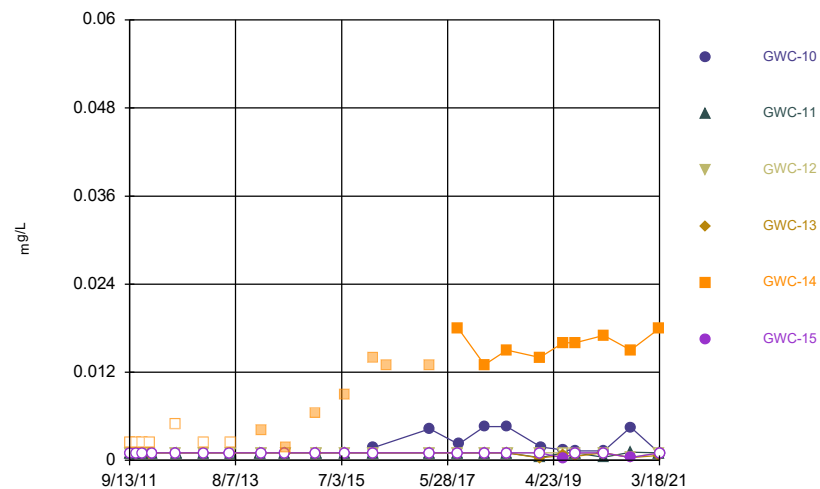


### Time Series



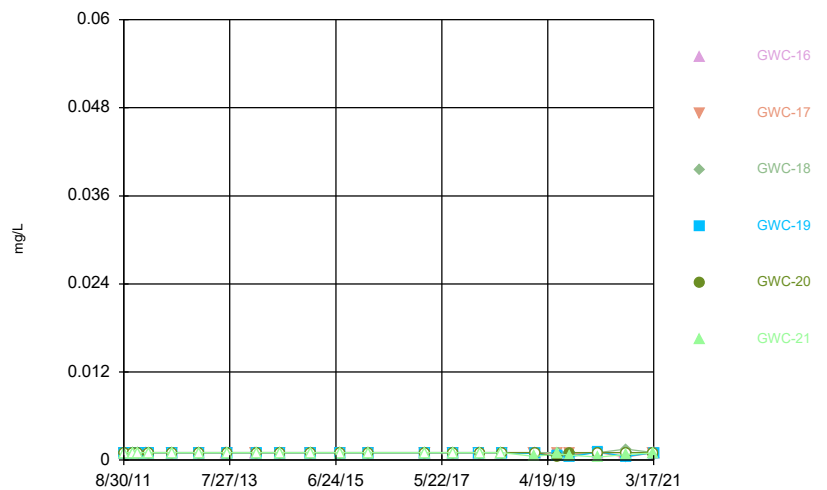
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



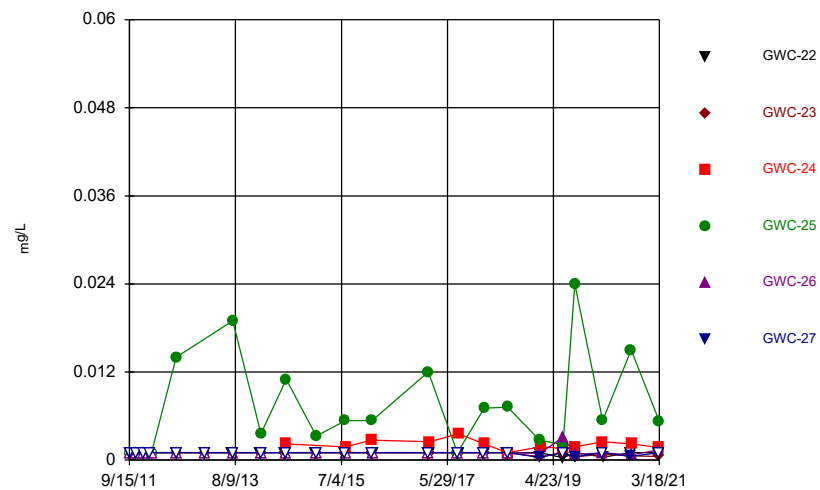
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



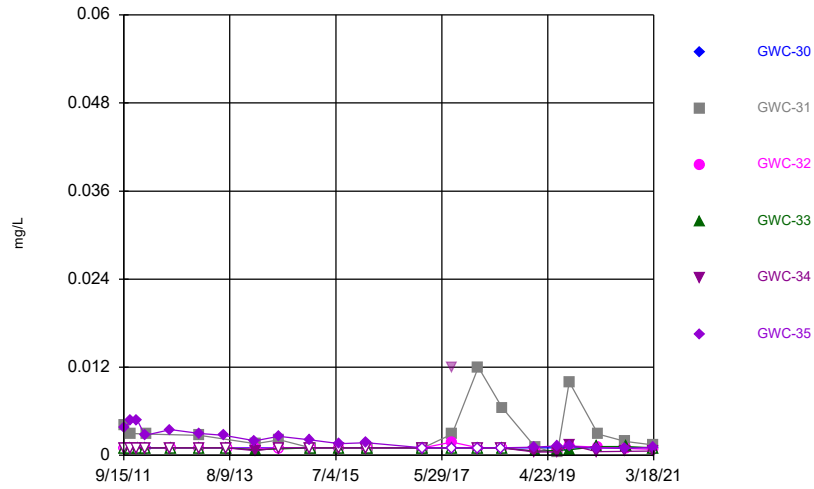
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



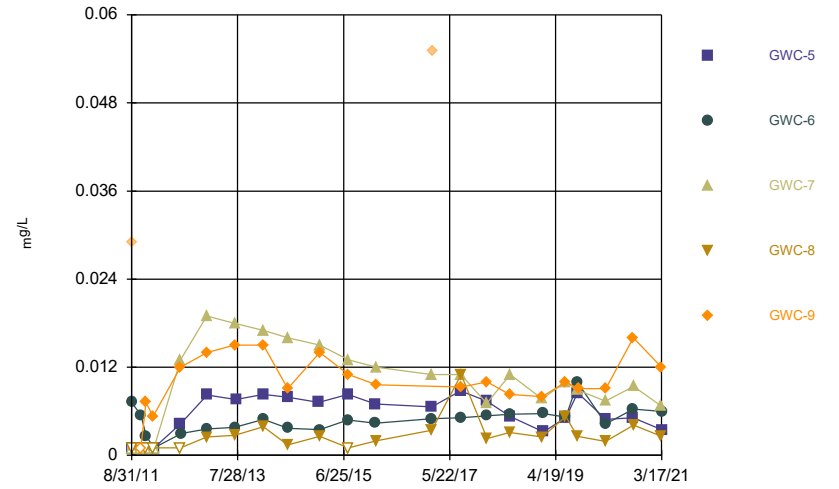
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



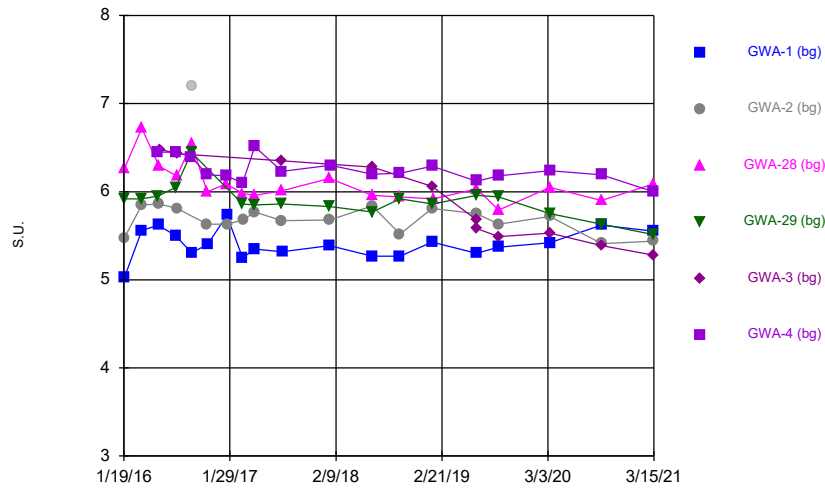
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



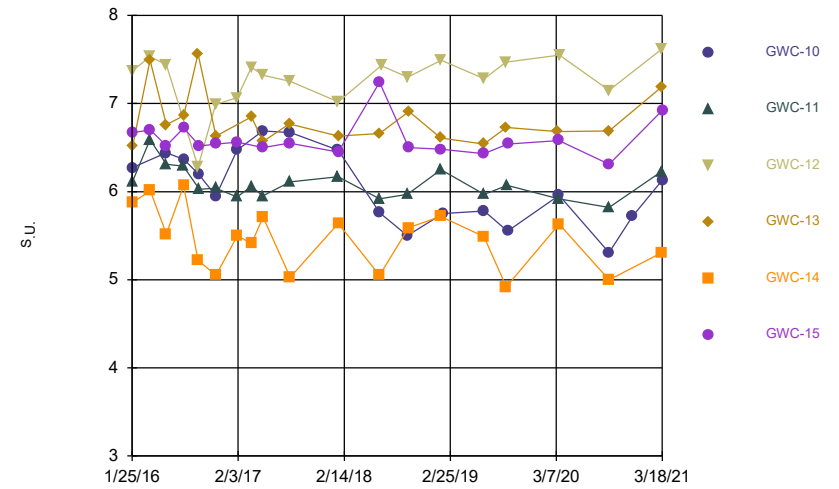
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



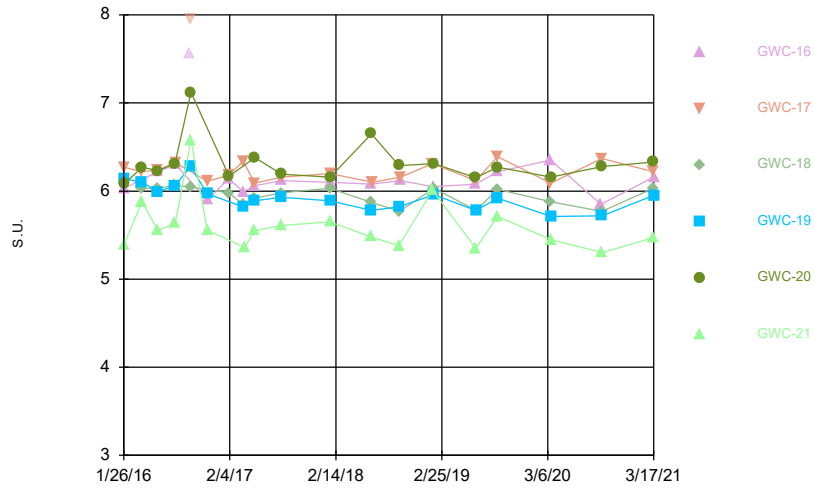
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



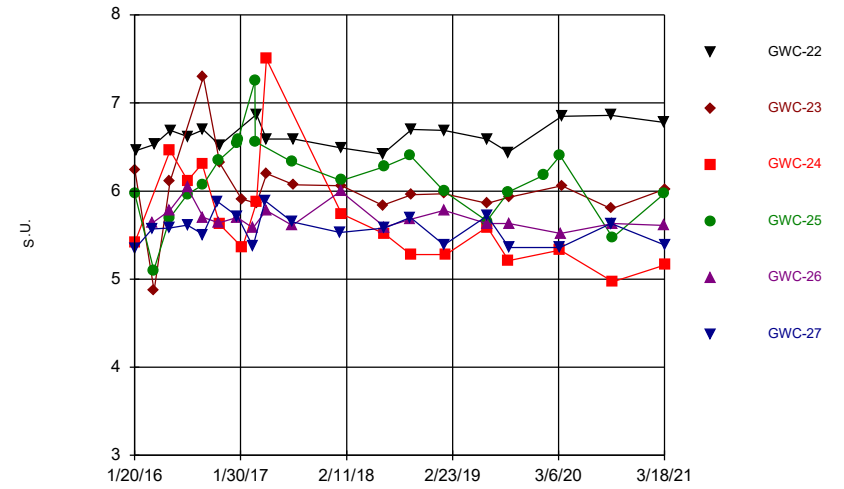
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



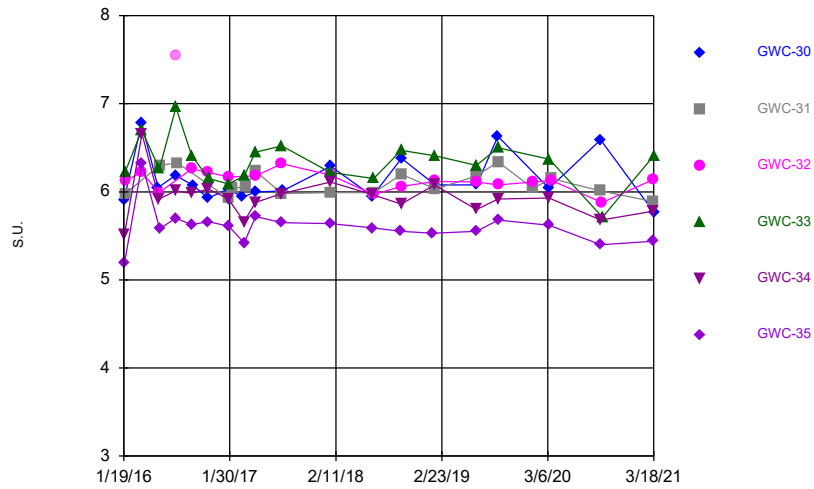
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



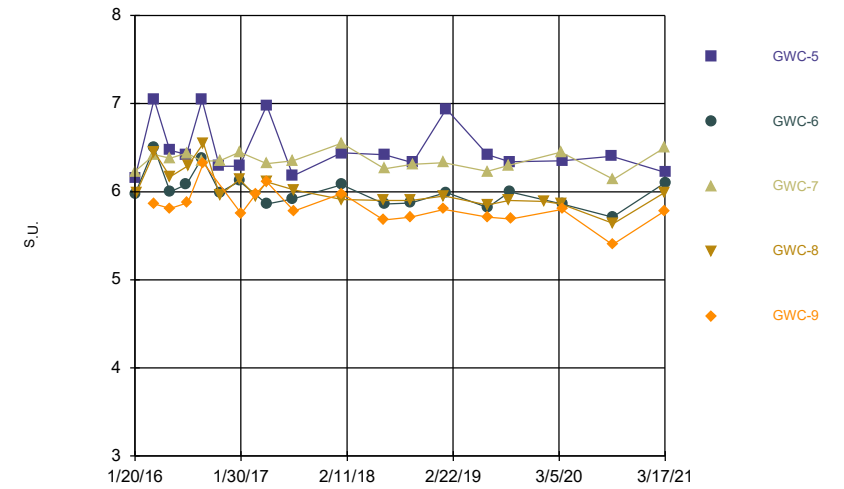
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Time Series



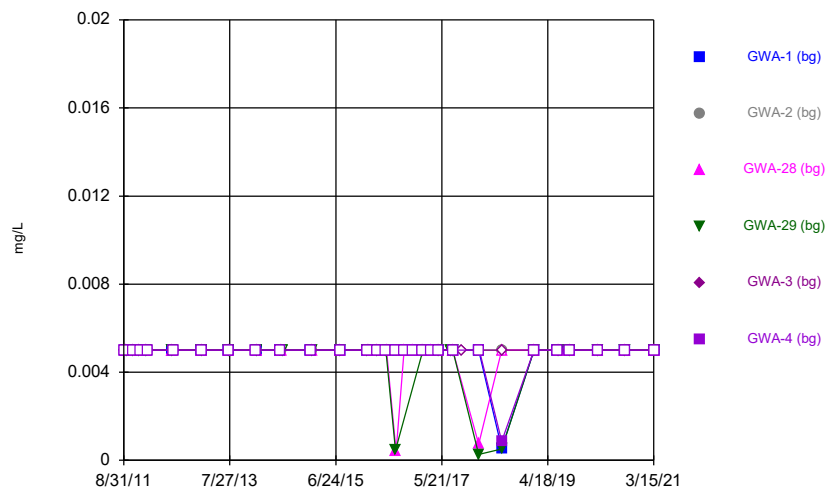
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



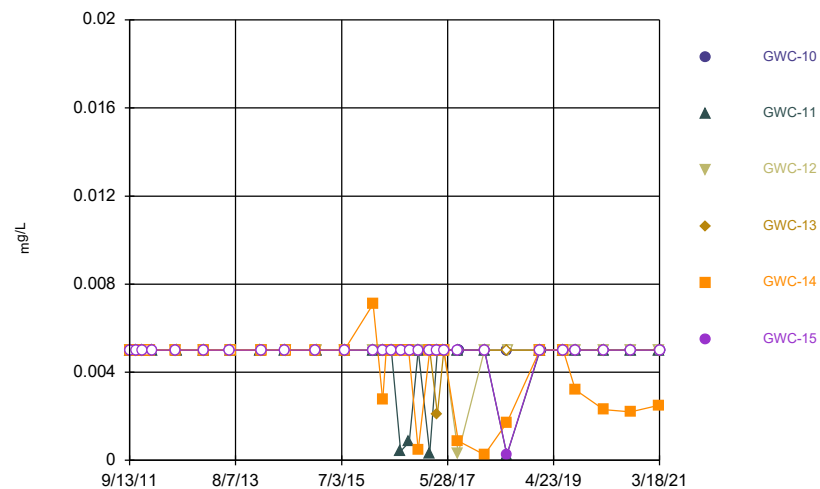
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



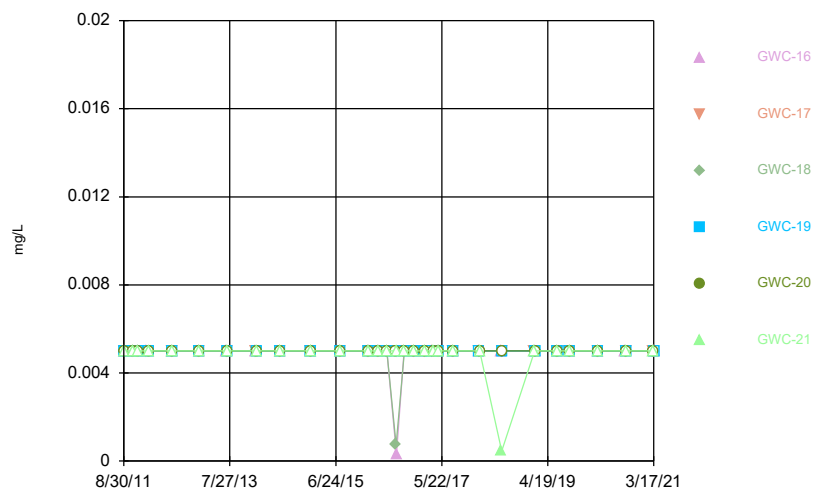
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### Time Series



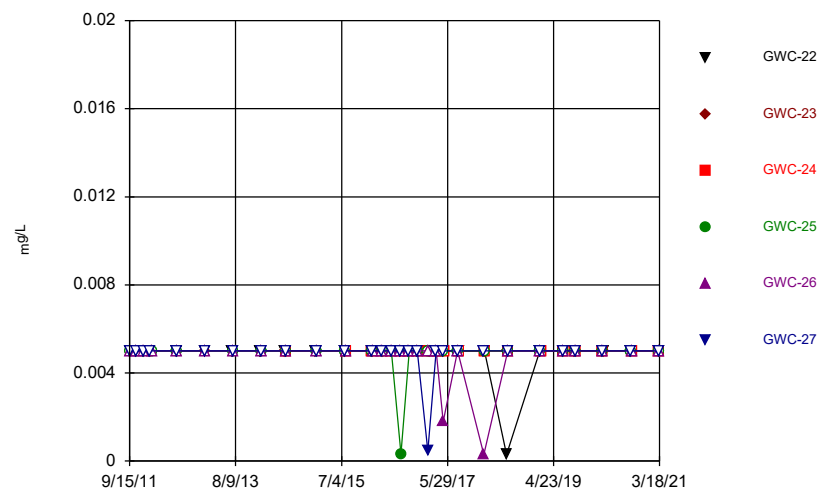
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



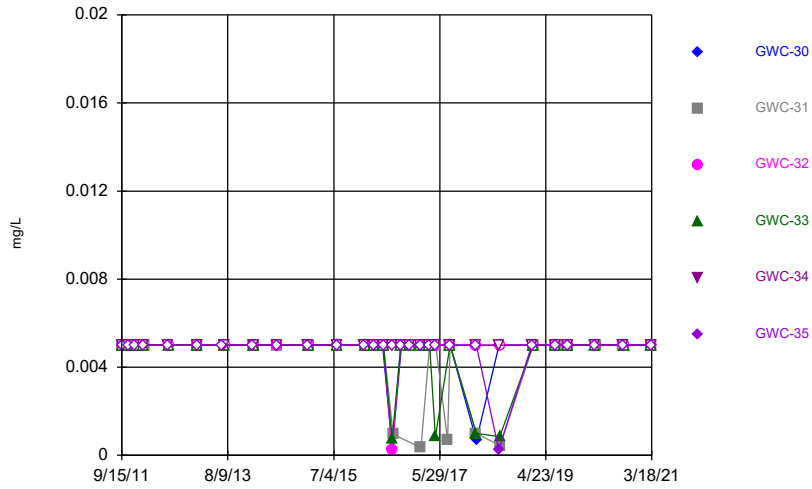
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



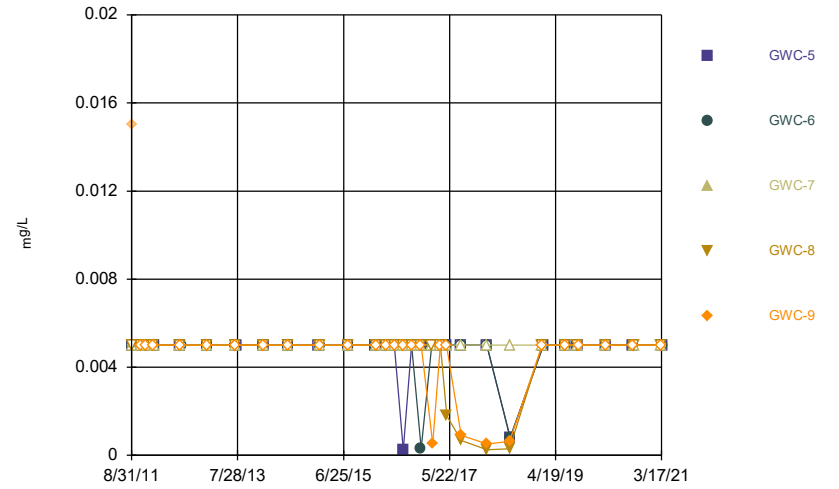
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



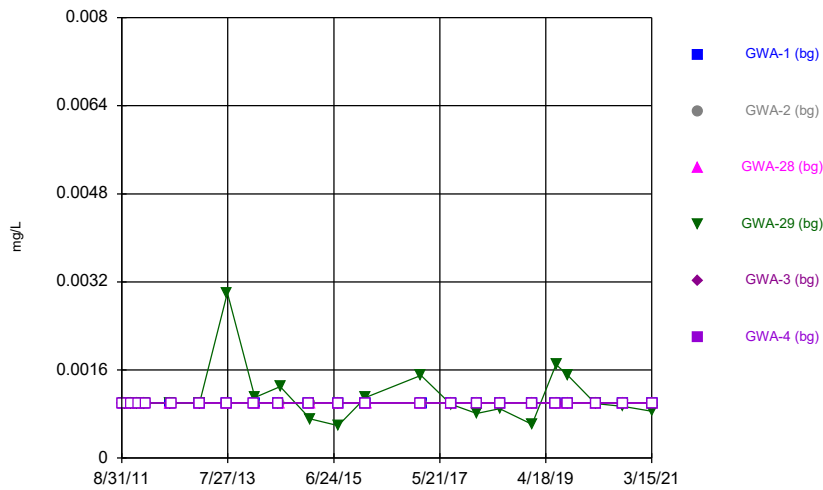
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Time Series



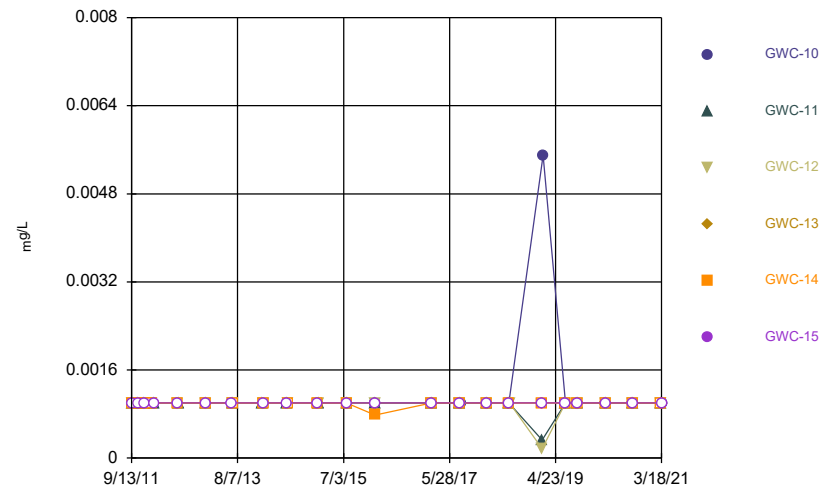
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



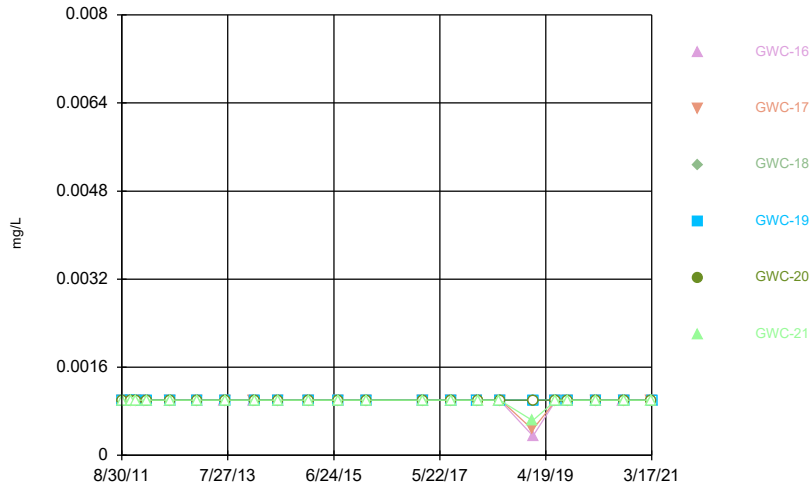
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Time Series



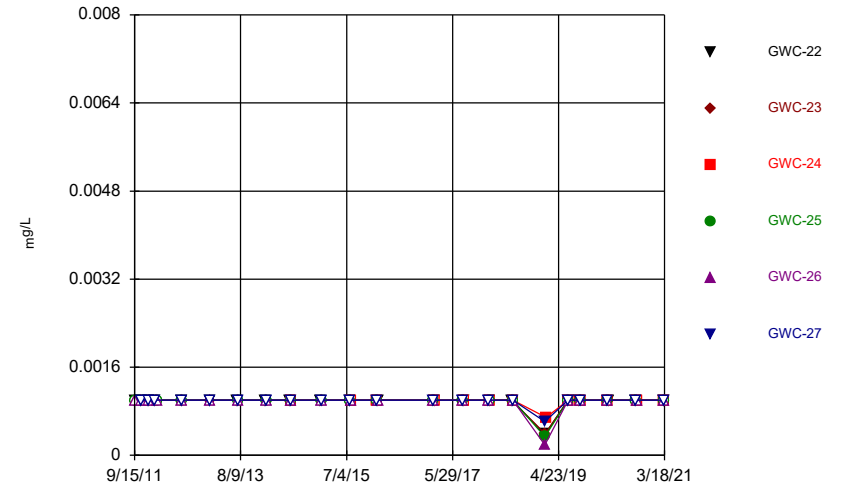
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



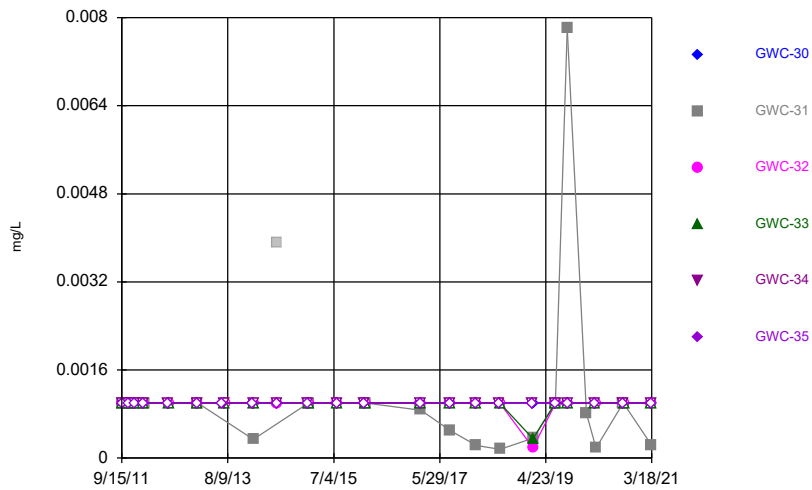
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### Time Series



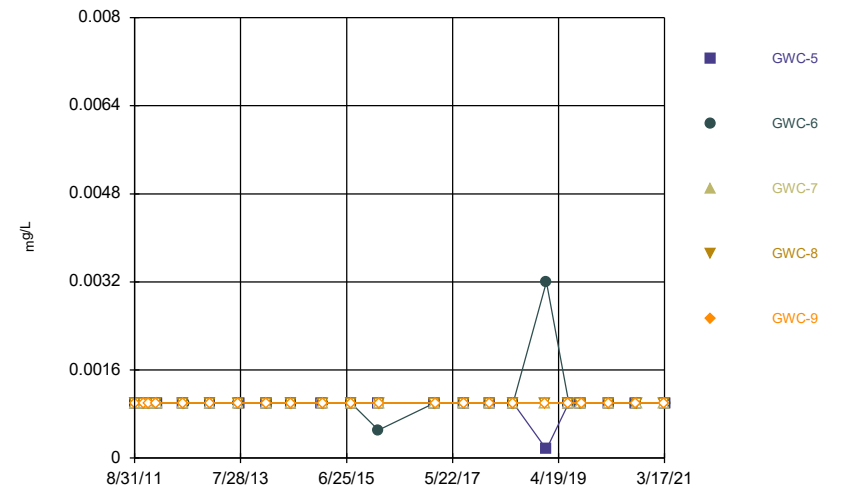
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### Time Series



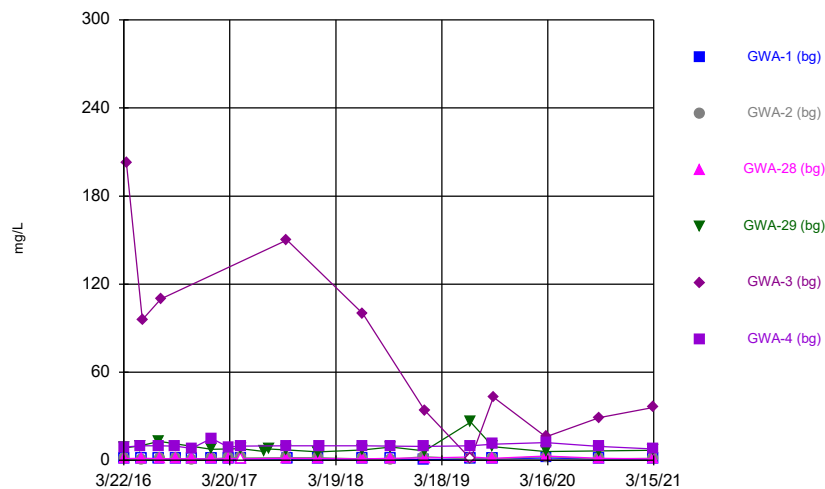
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### Time Series



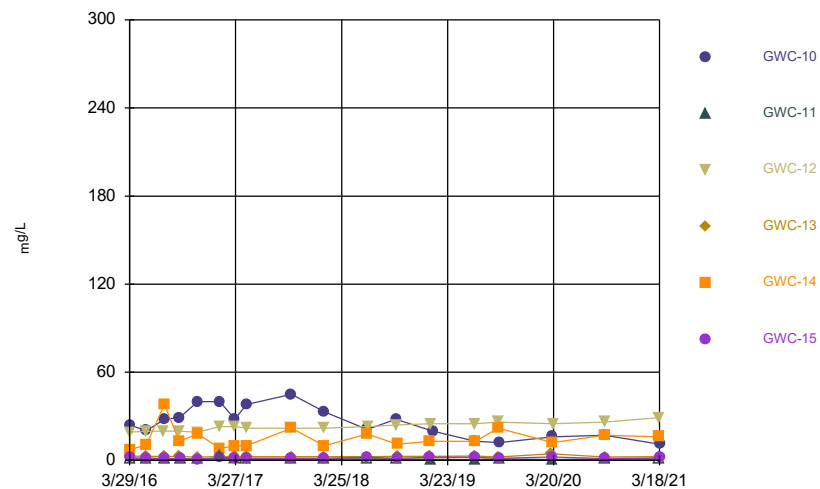
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



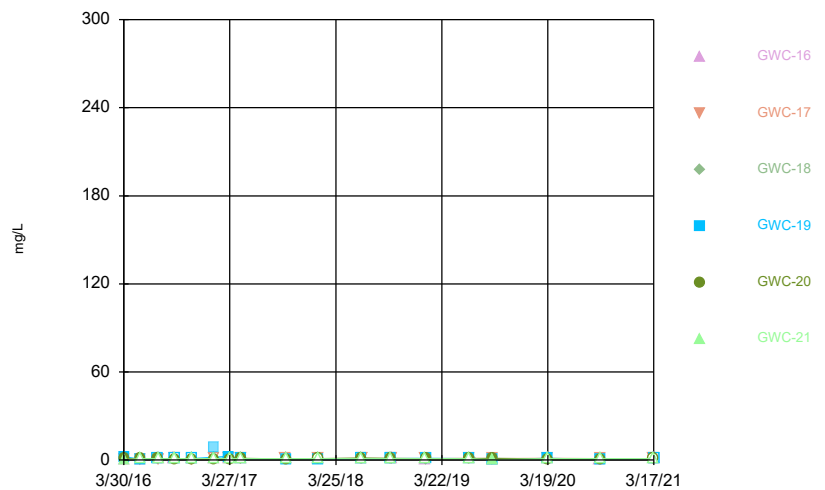
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



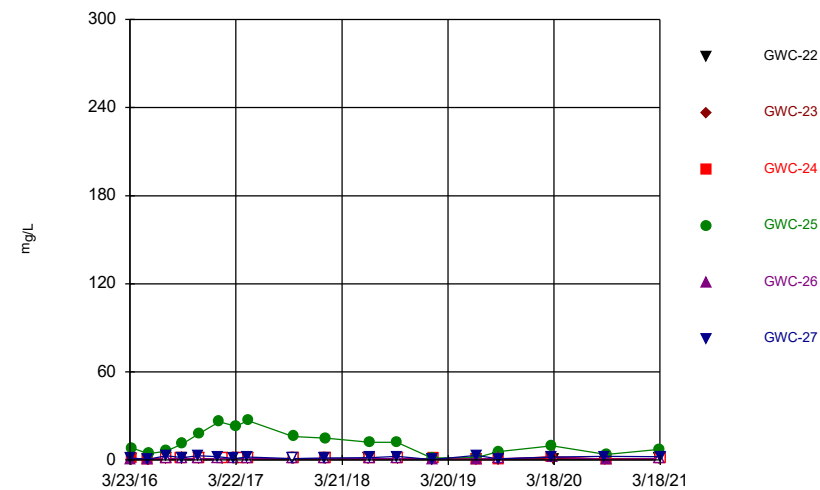
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### Time Series



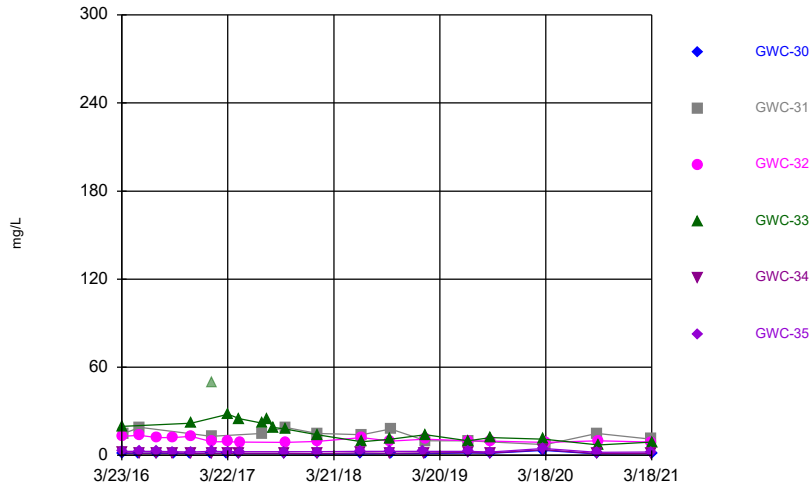
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### Time Series



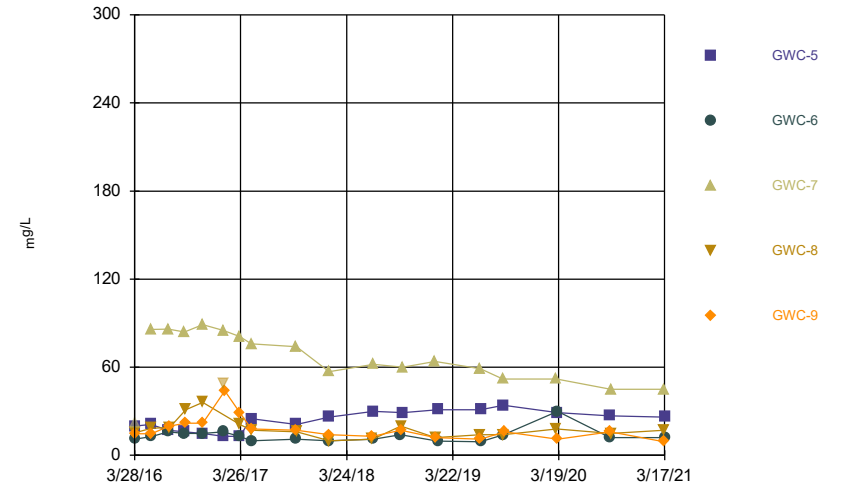
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Time Series



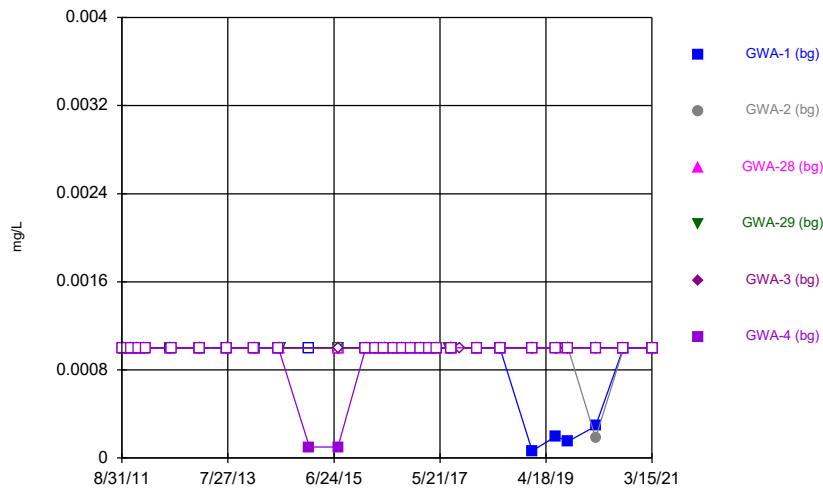
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Time Series



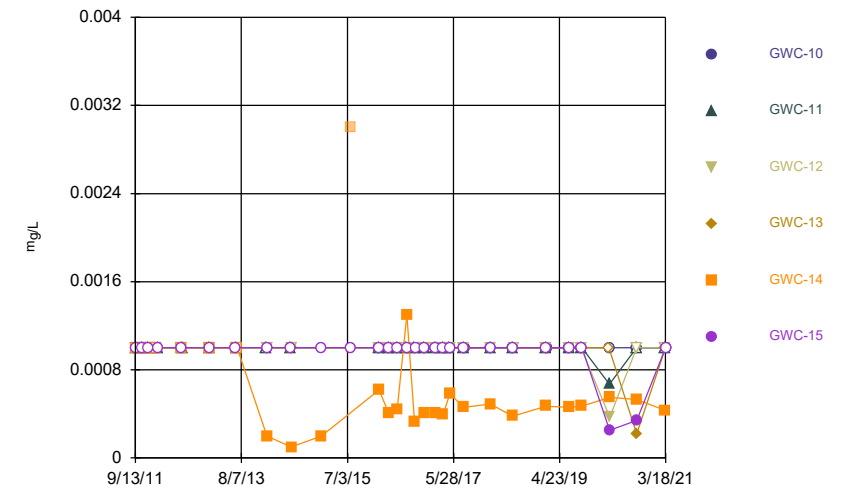
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



Constituent: Thallium Analysis Run 4/24/2021 11:45 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

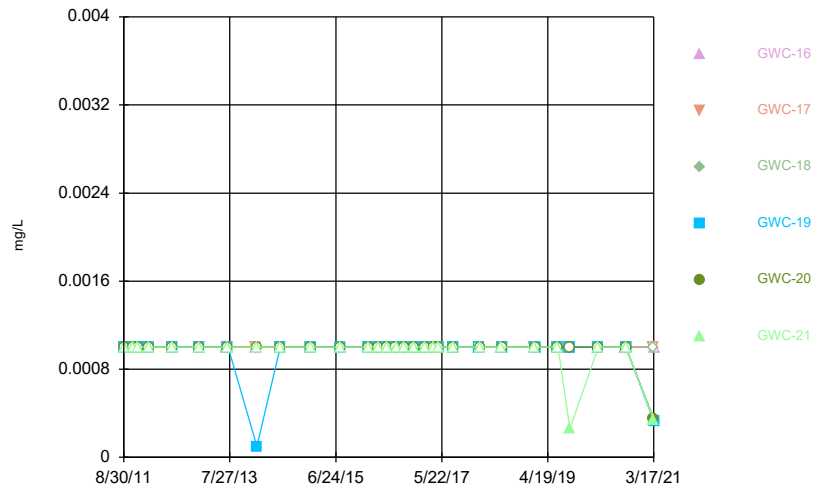
Time Series



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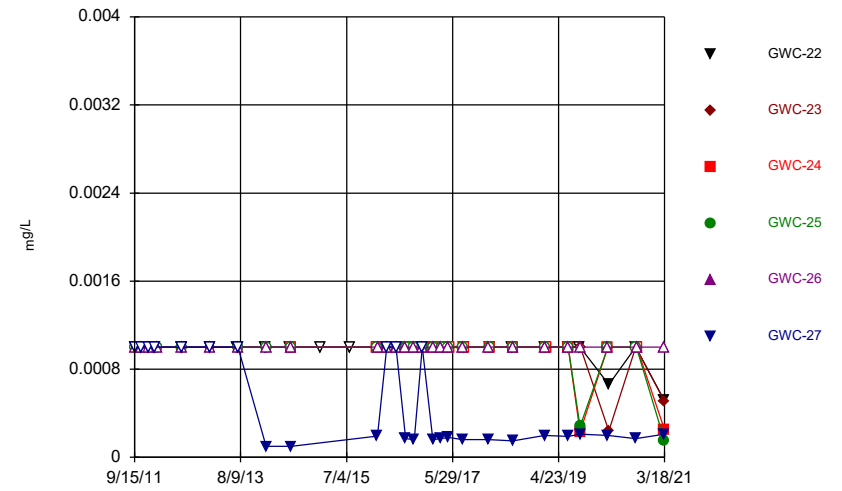


### Time Series



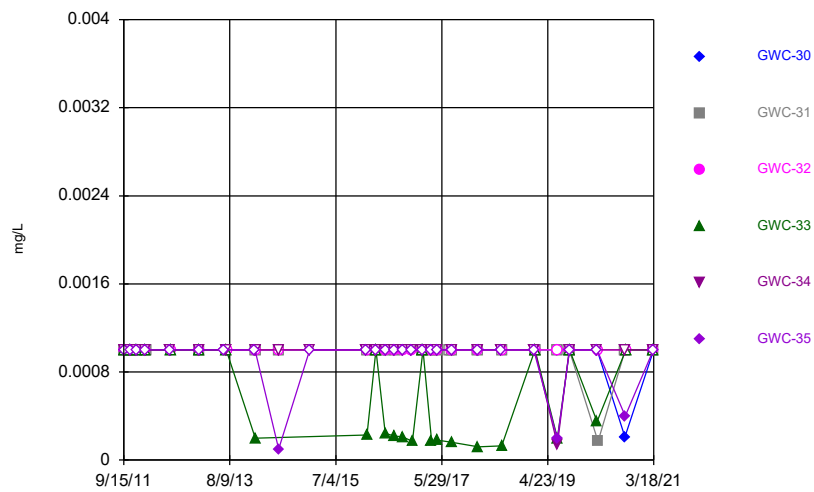
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



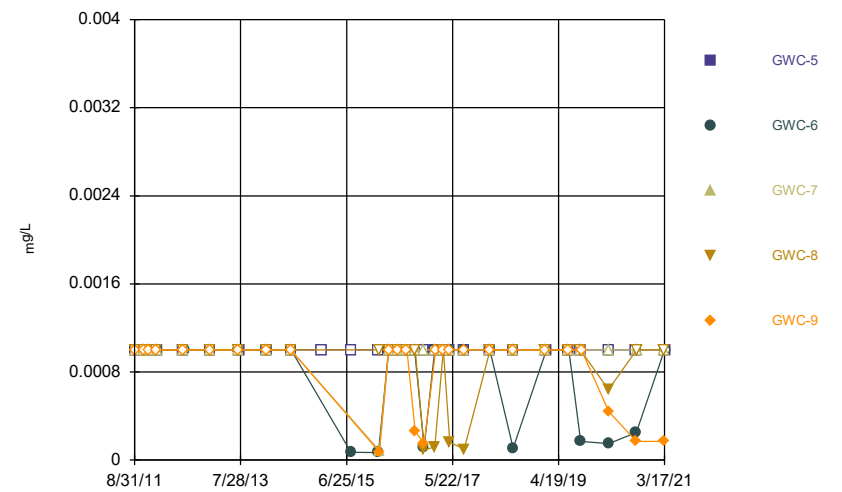
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



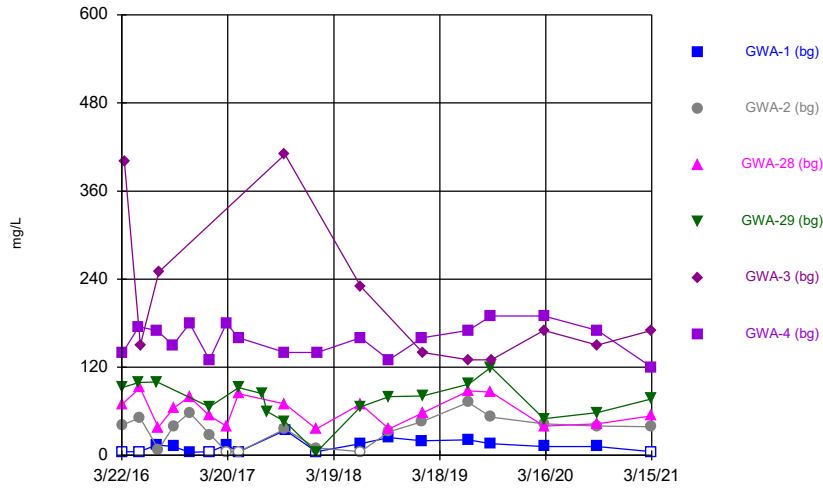
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



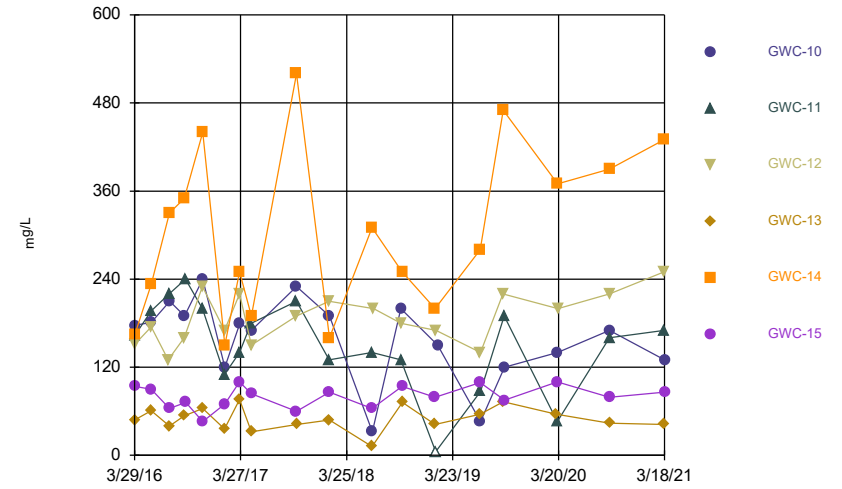
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



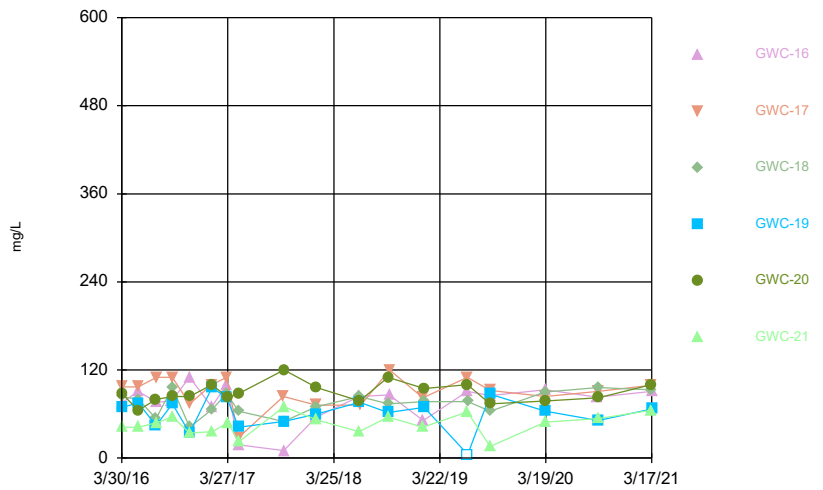
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/24/2021 11:45 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



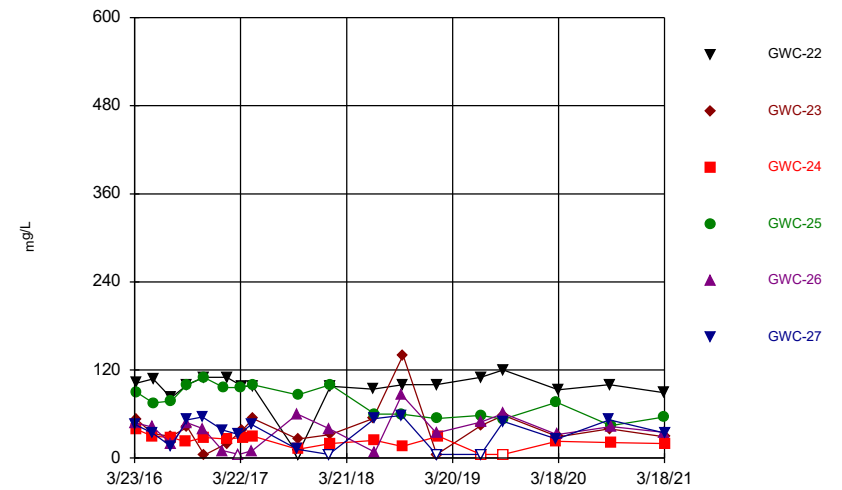
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



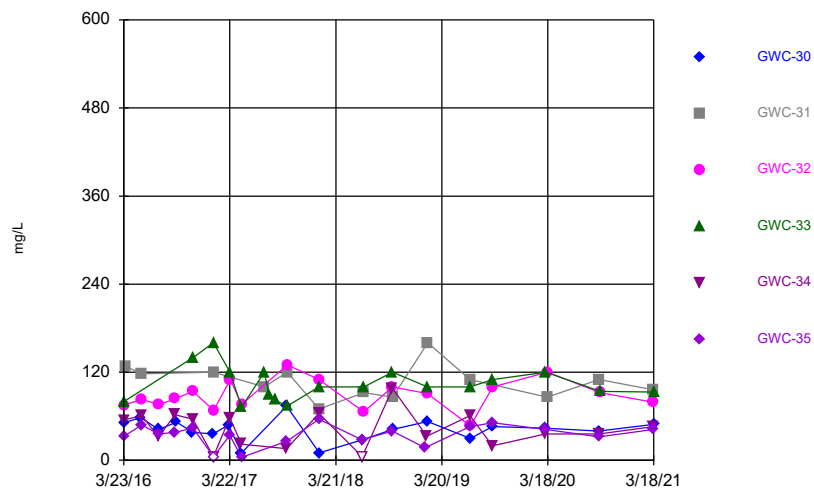
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



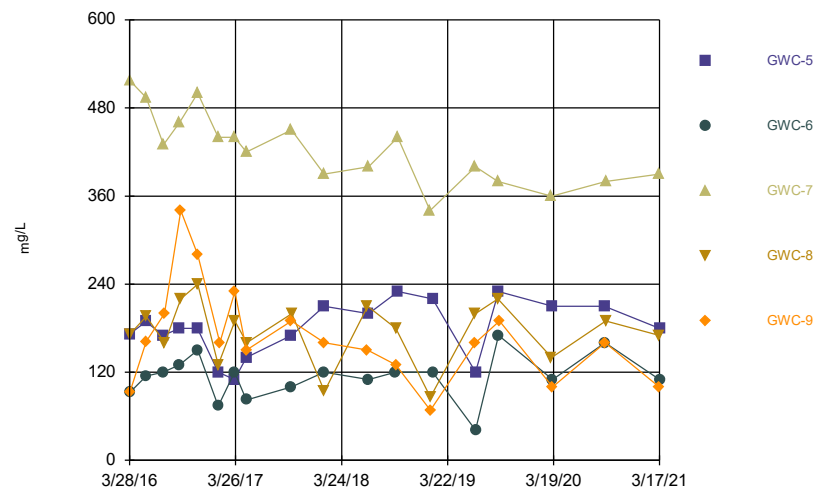
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



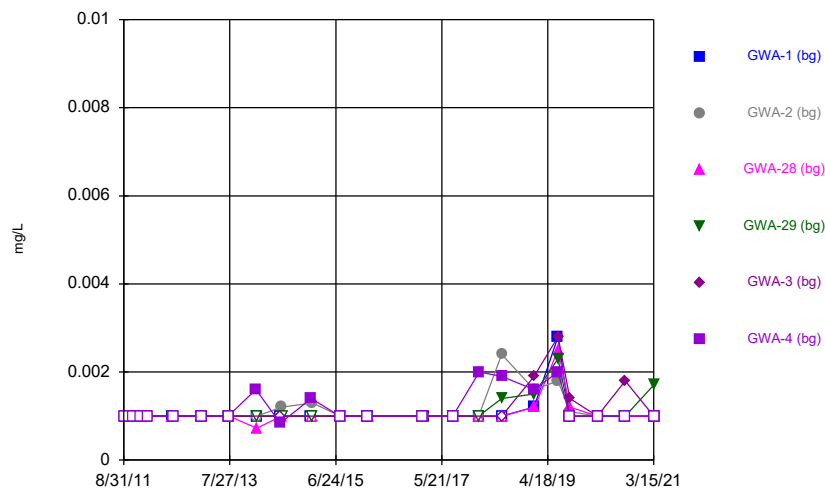
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



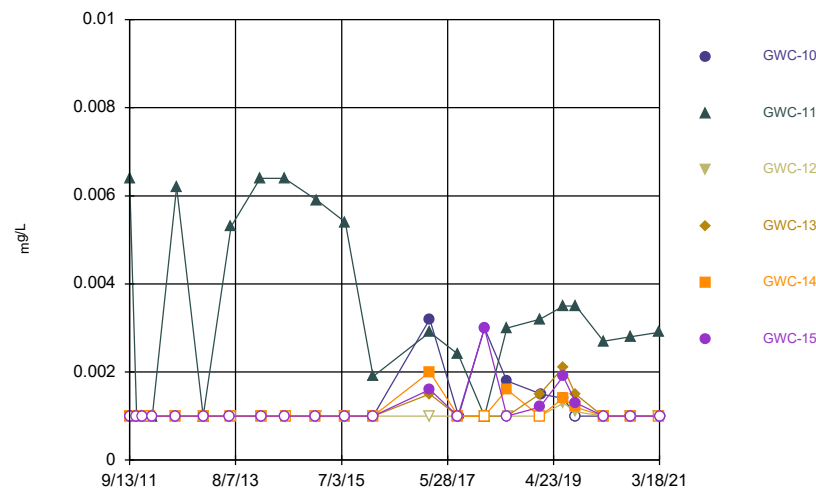
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



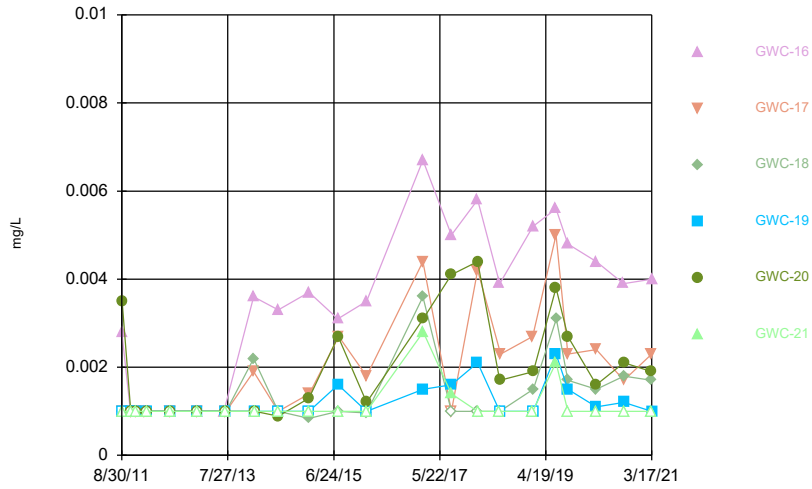
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Time Series



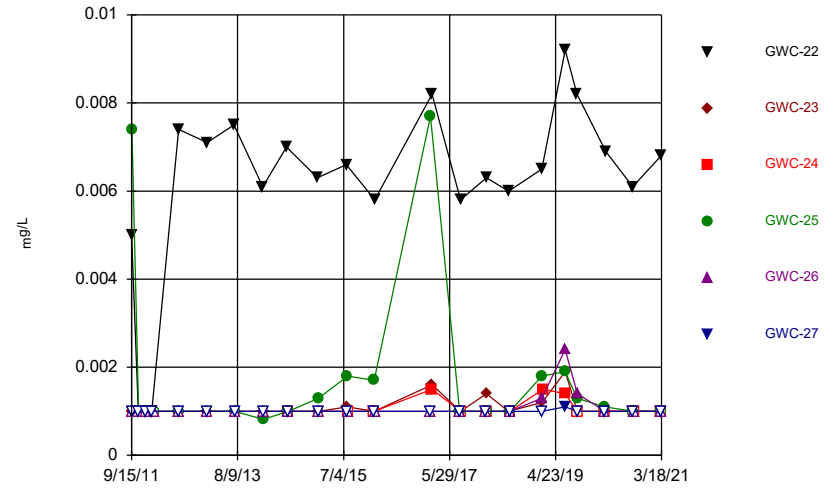
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



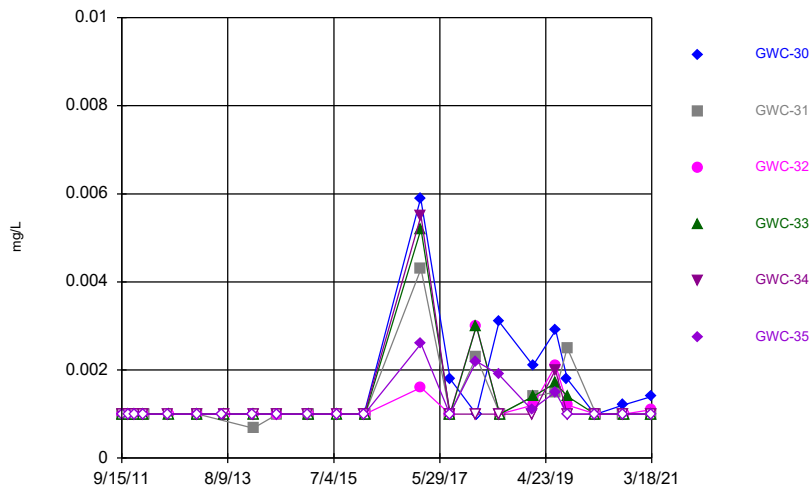
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



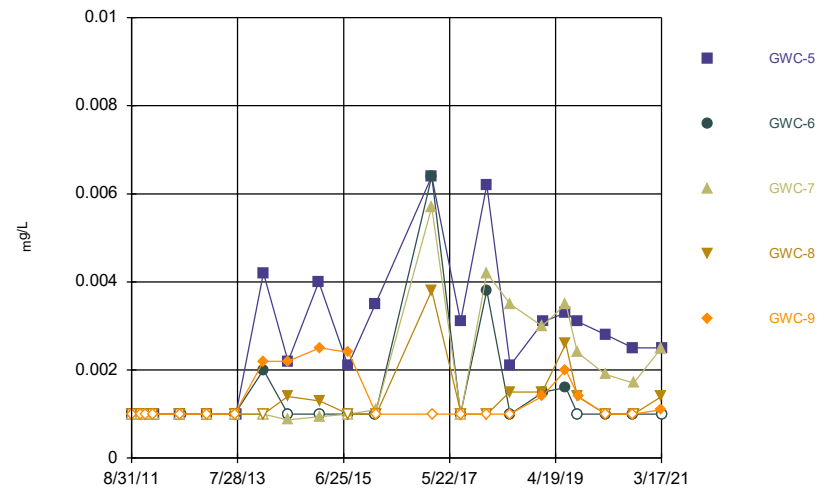
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



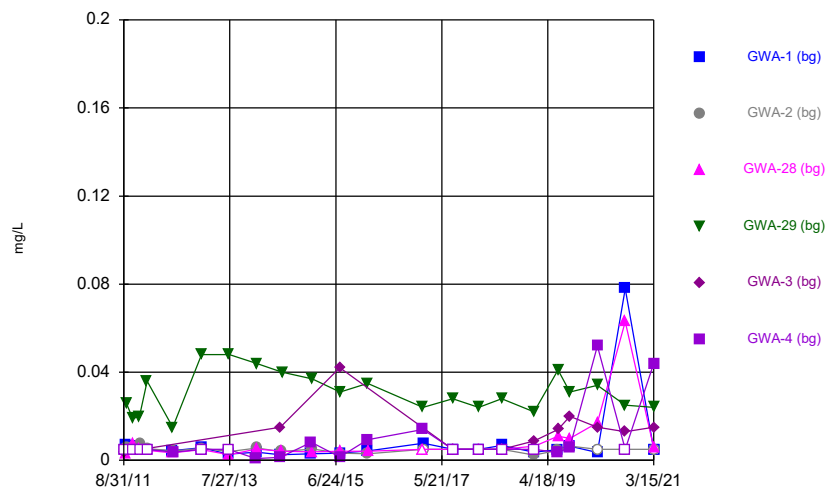
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



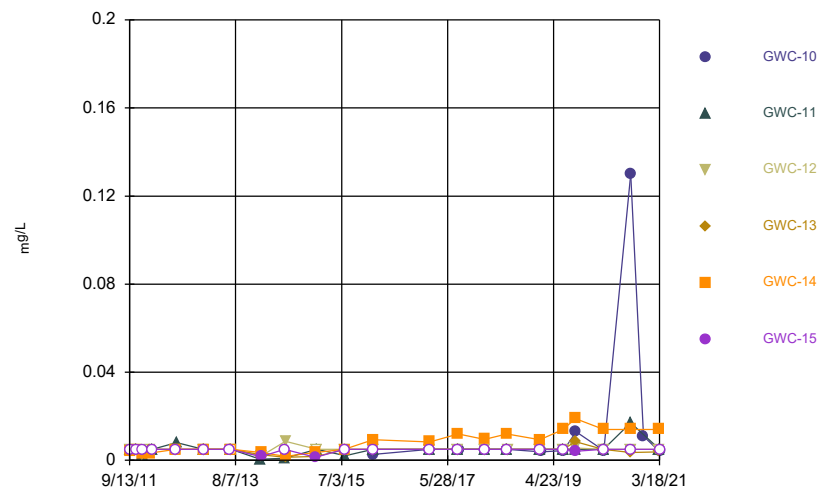
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



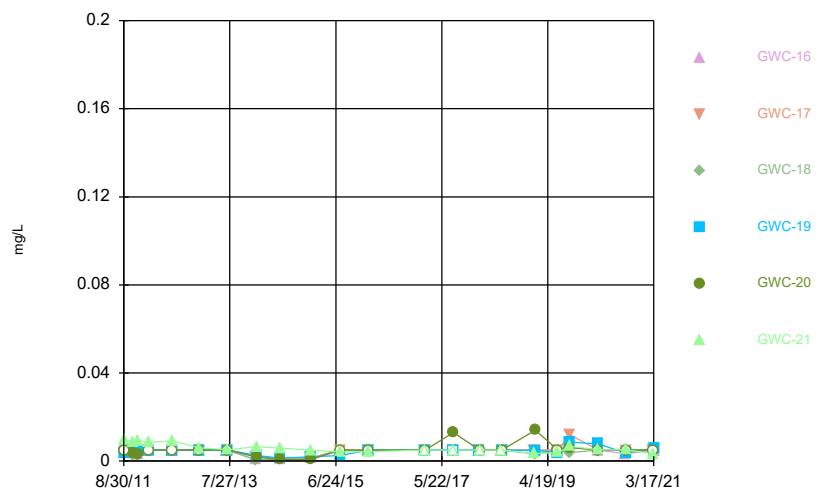
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



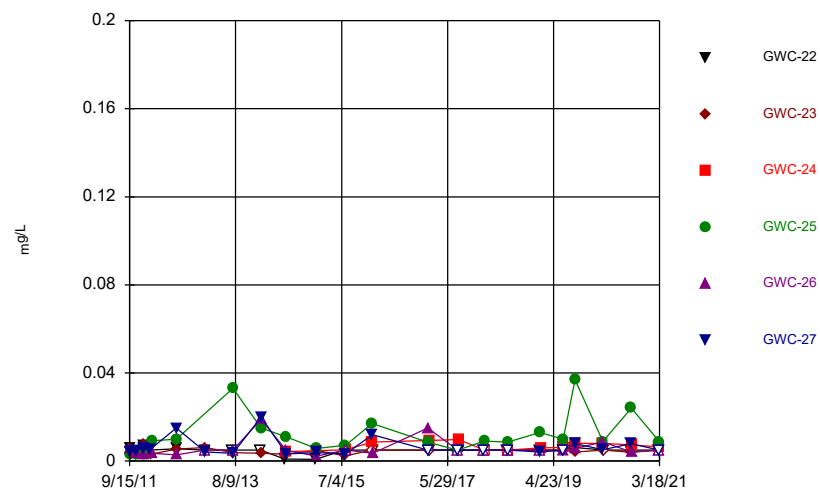
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



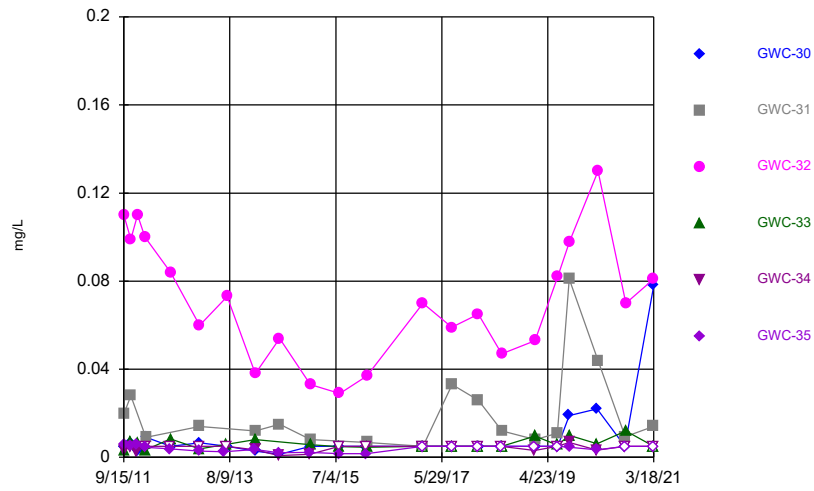
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Time Series



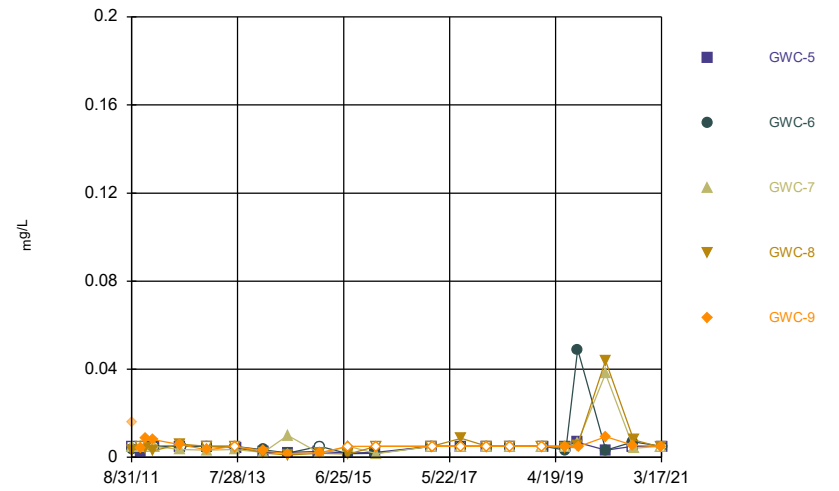
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### 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

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	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					
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

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	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

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	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	
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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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		

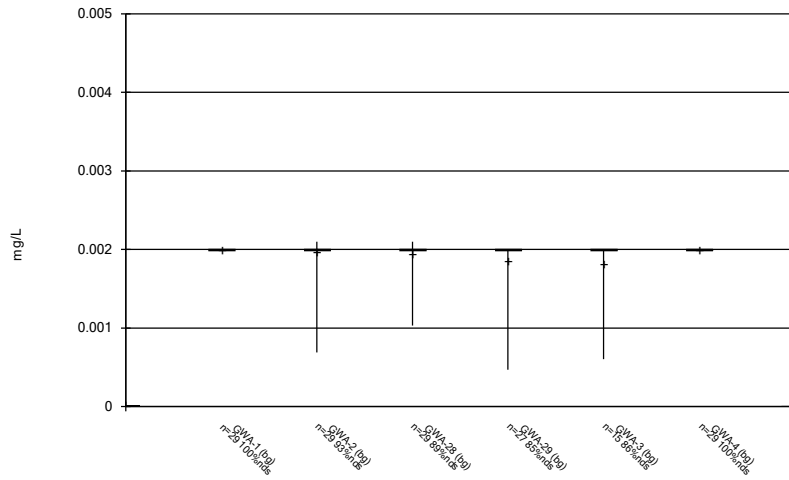
# Time Series

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			

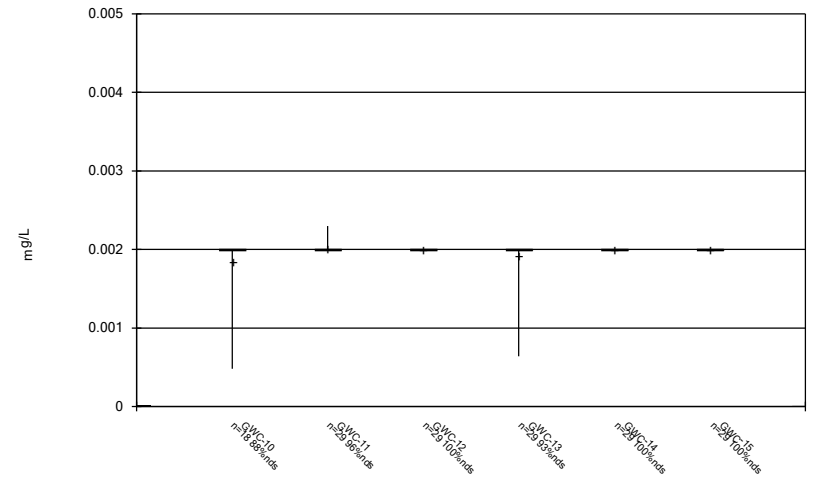
FIGURE B.

Box & Whiskers Plot



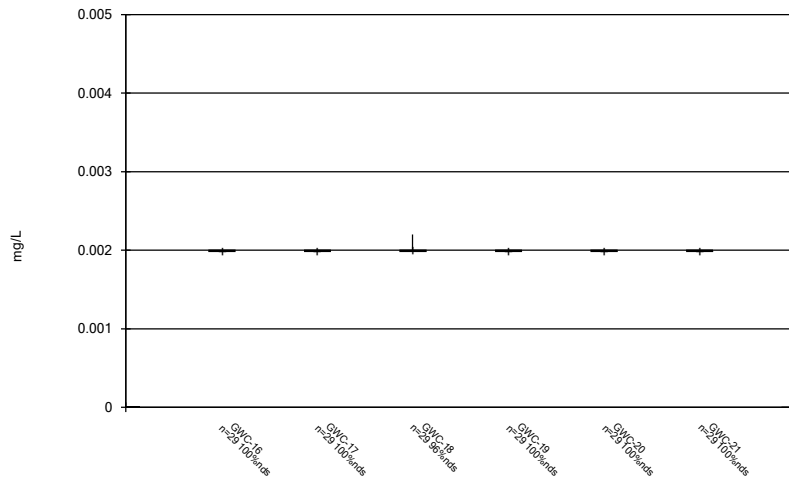
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



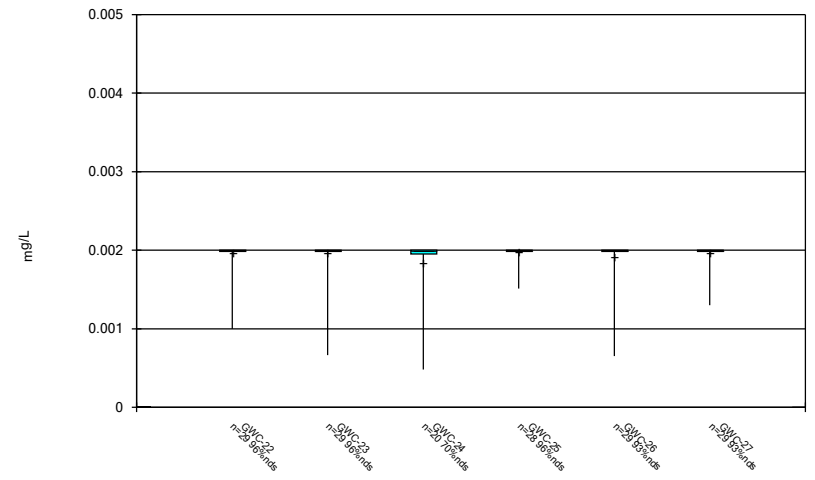
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



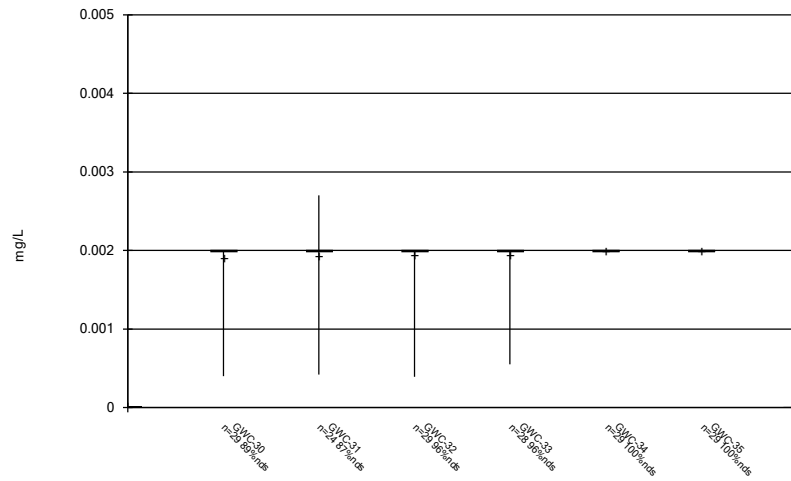
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



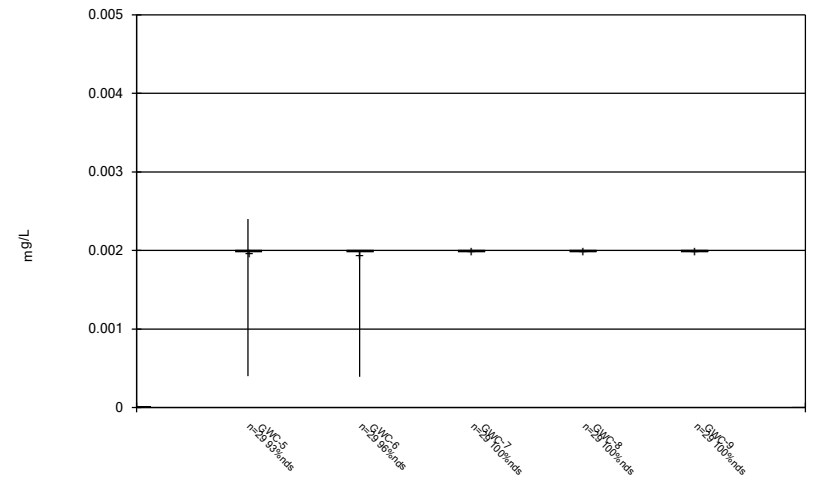
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



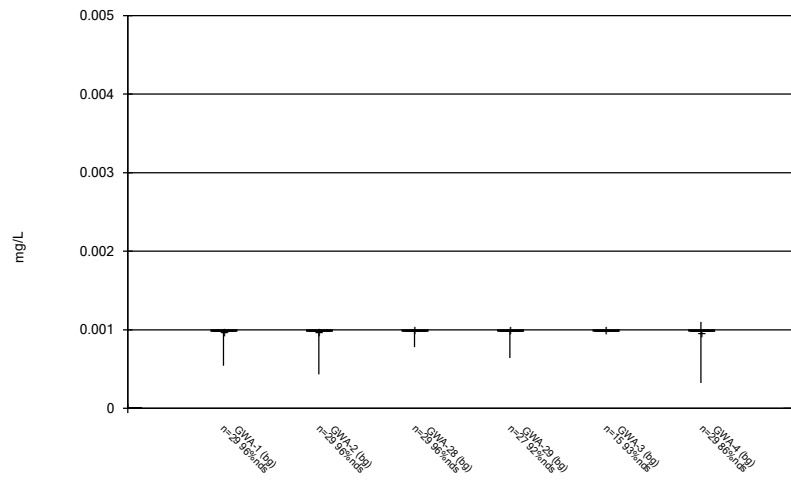
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



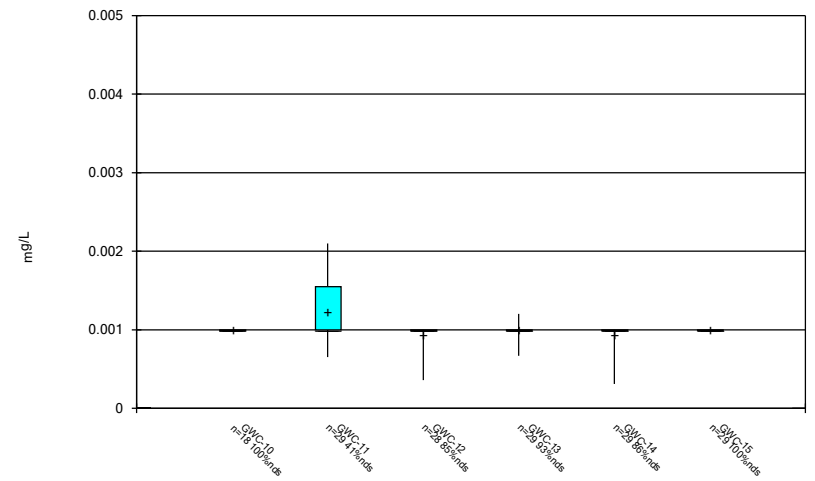
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



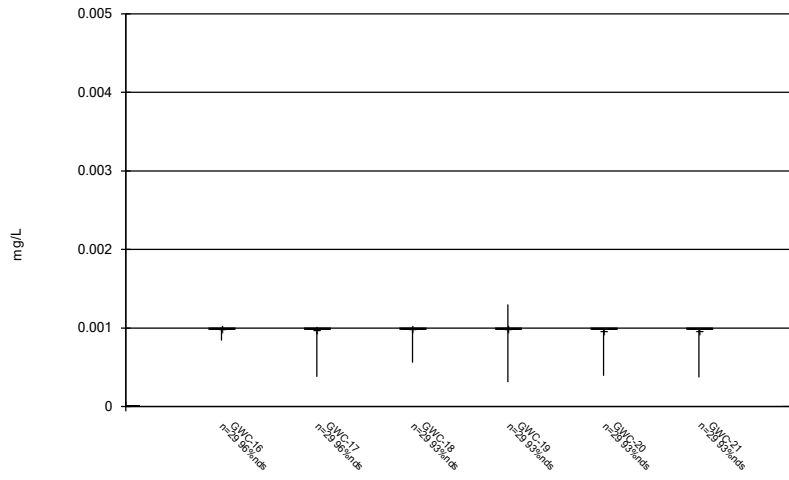
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



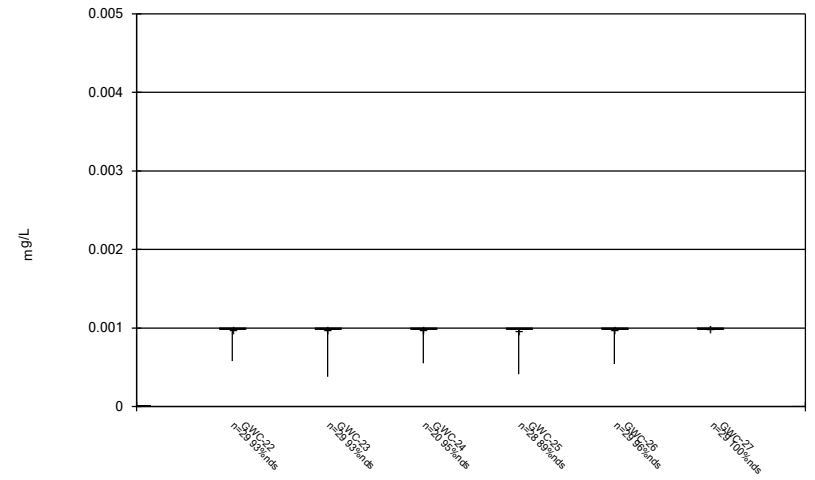
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



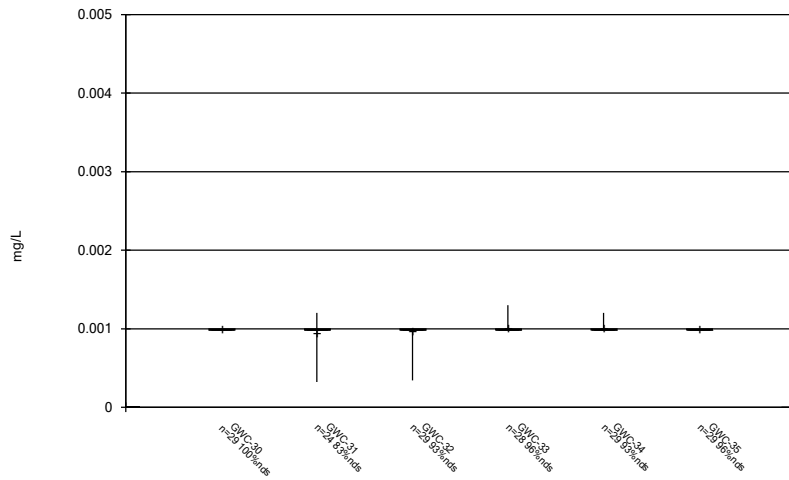
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



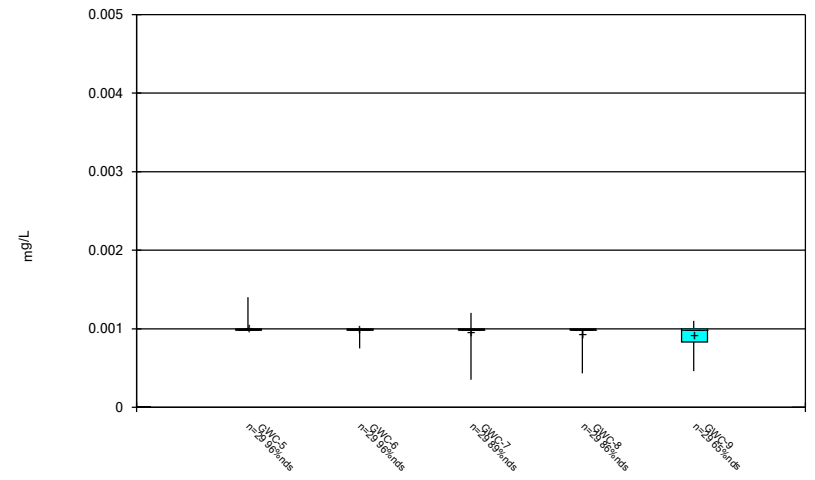
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



Constituent: Arsenic Analysis Run 4/24/2021 11:51 AM  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

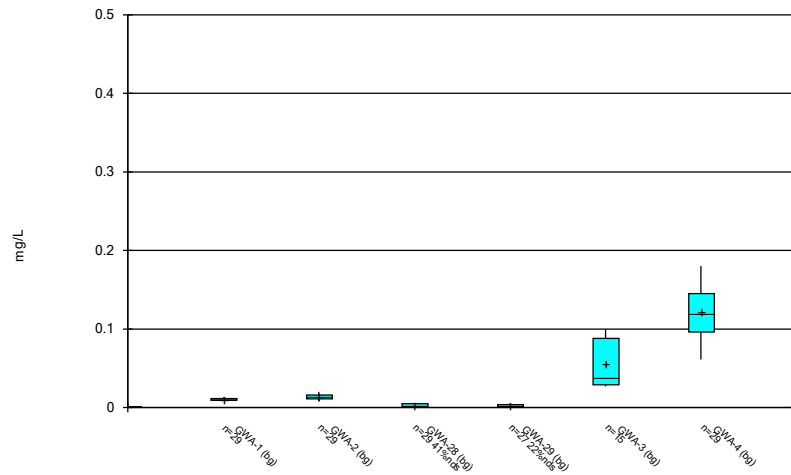
### Box & Whiskers Plot



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 Plant Wansley Client: Southern Company Data: Wansley Landfill

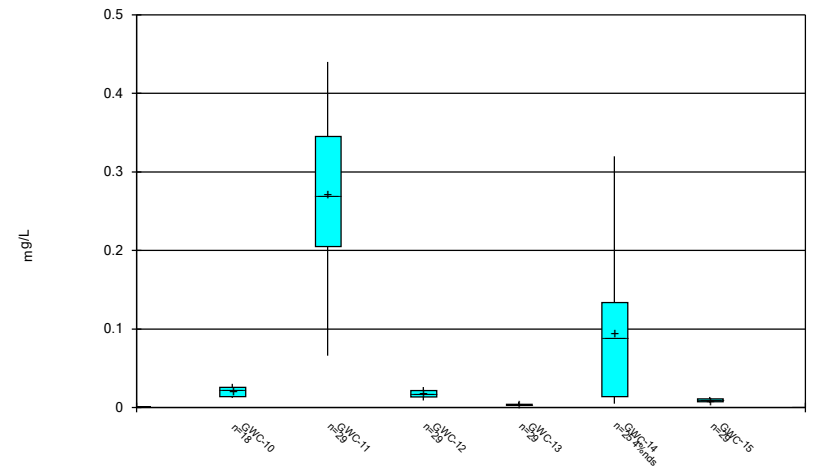


### Box & Whiskers Plot



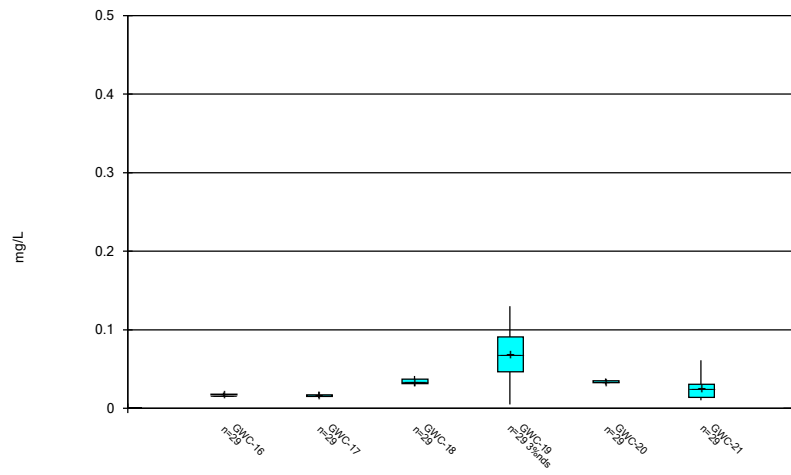
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### Box & Whiskers Plot



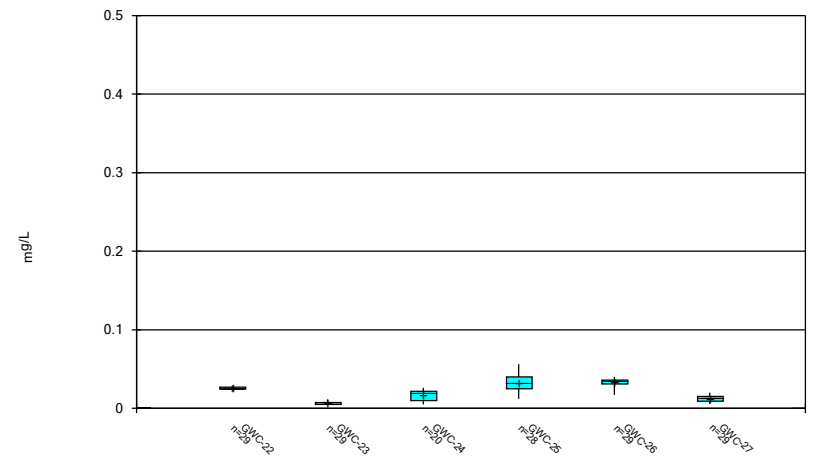
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



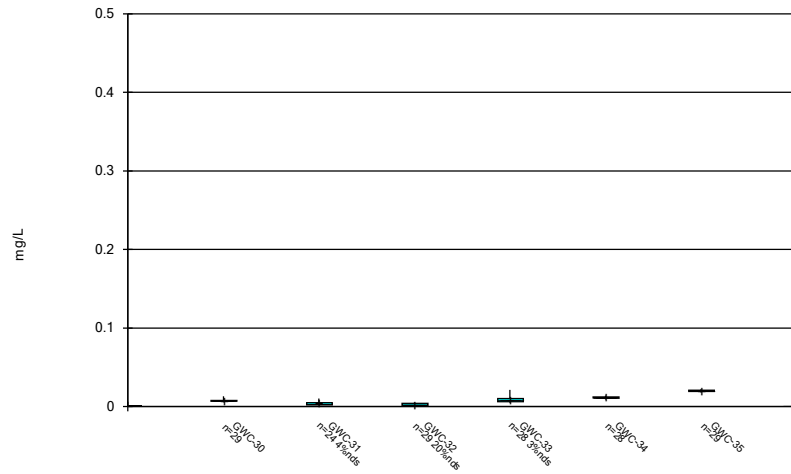
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



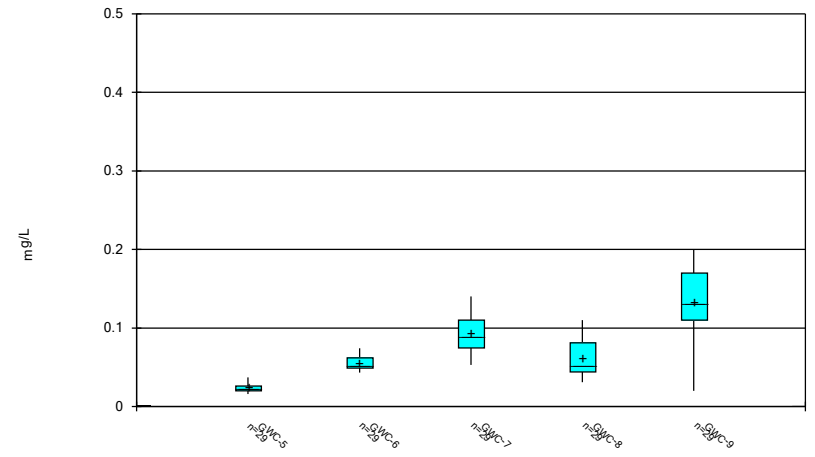
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



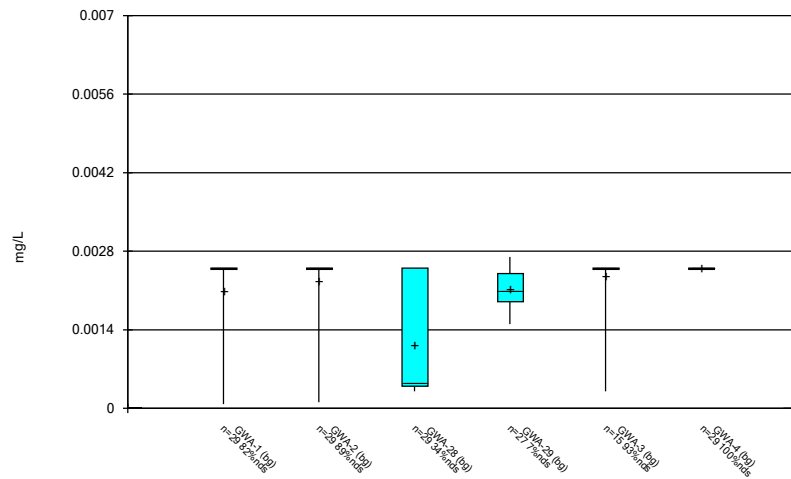
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



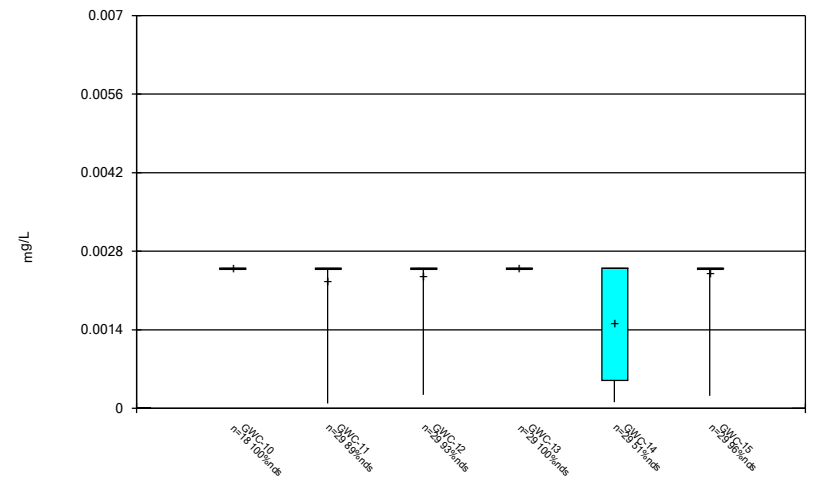
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



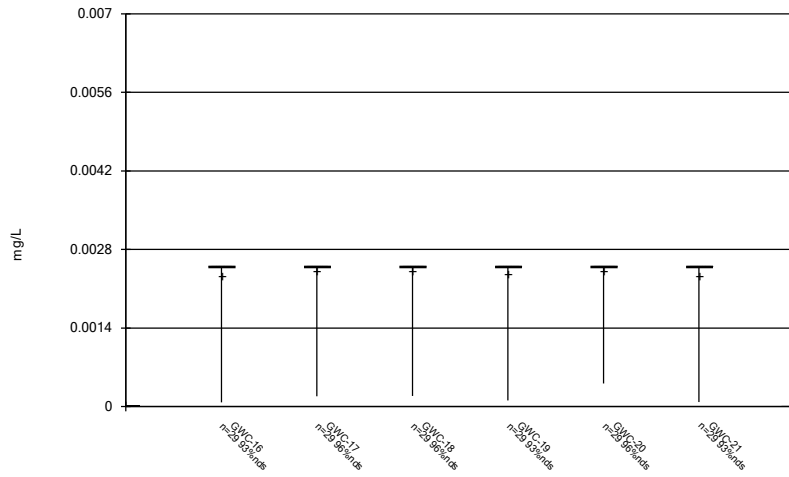
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



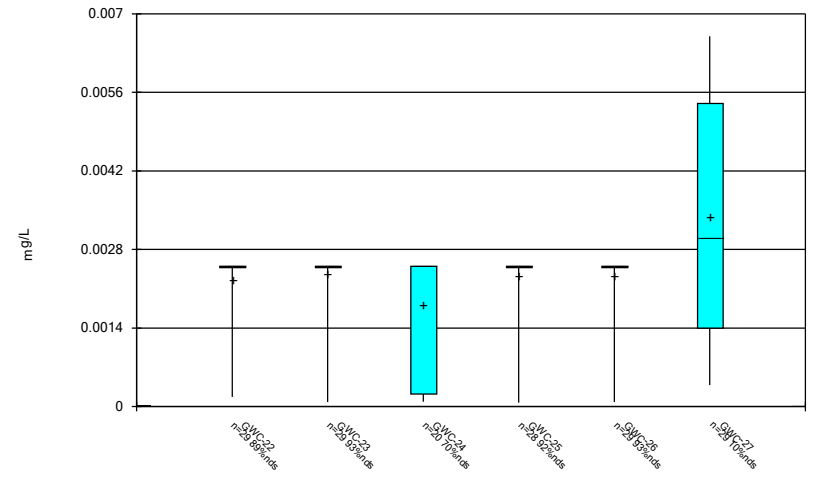
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



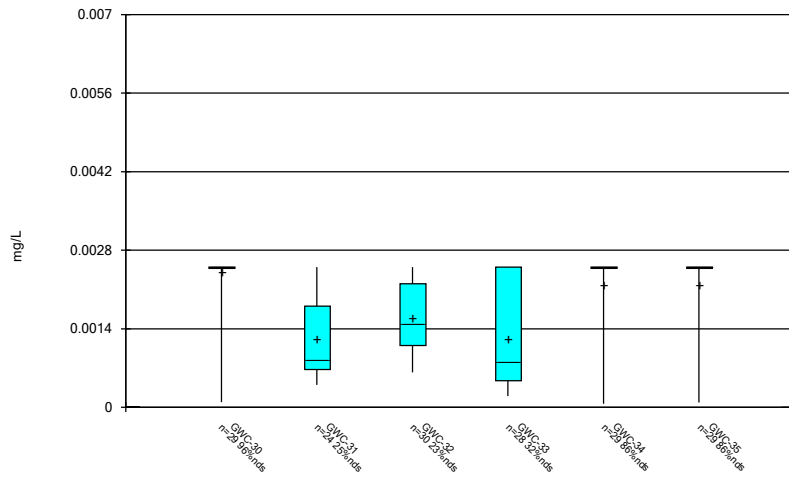
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



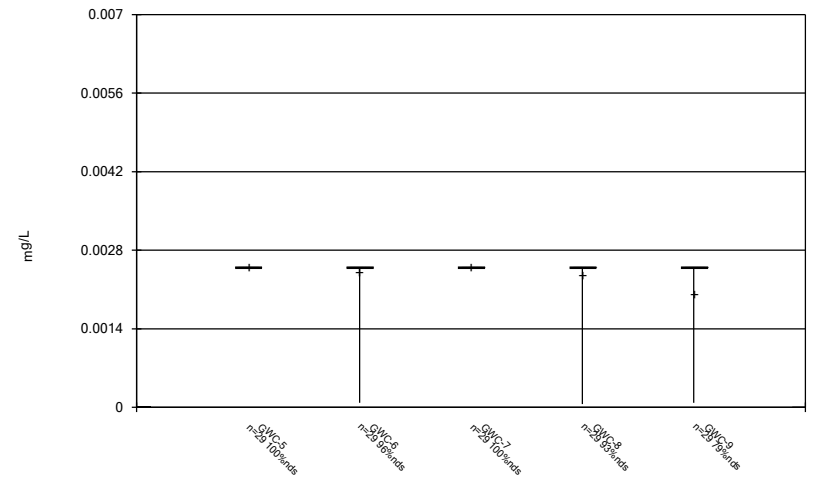
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



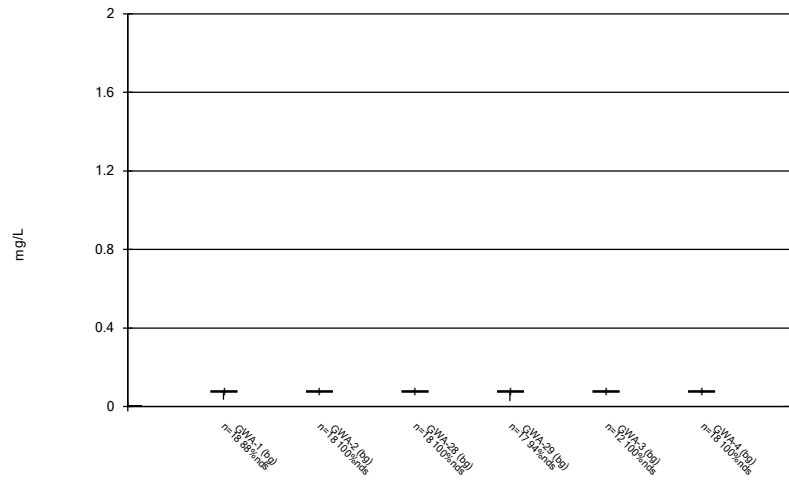
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



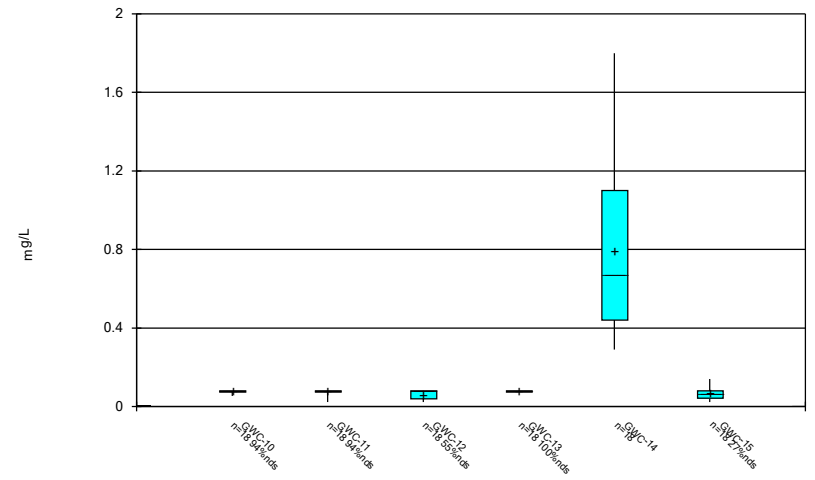
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



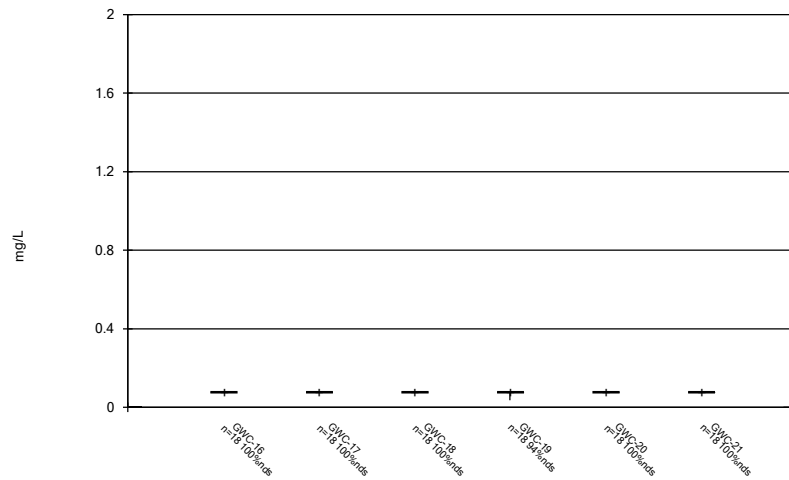
Constituent: Boron, total Analysis Run 4/24/2021 11:51 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



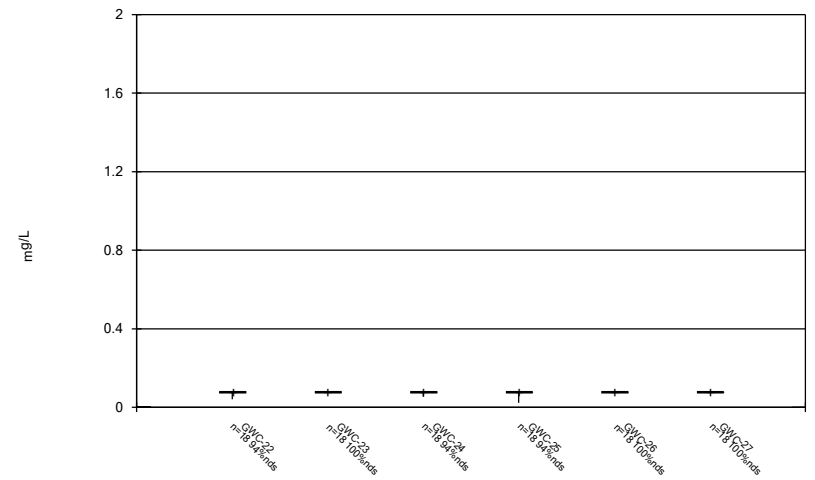
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



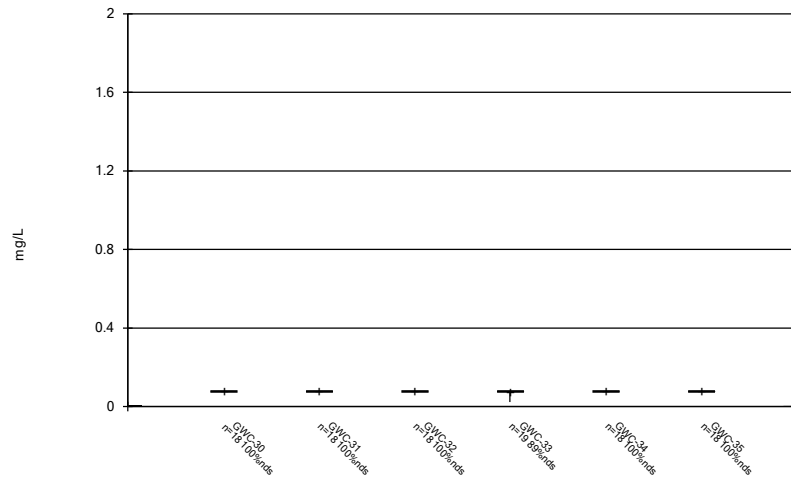
Constituent: Boron, total Analysis Run 4/24/2021 11:51 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



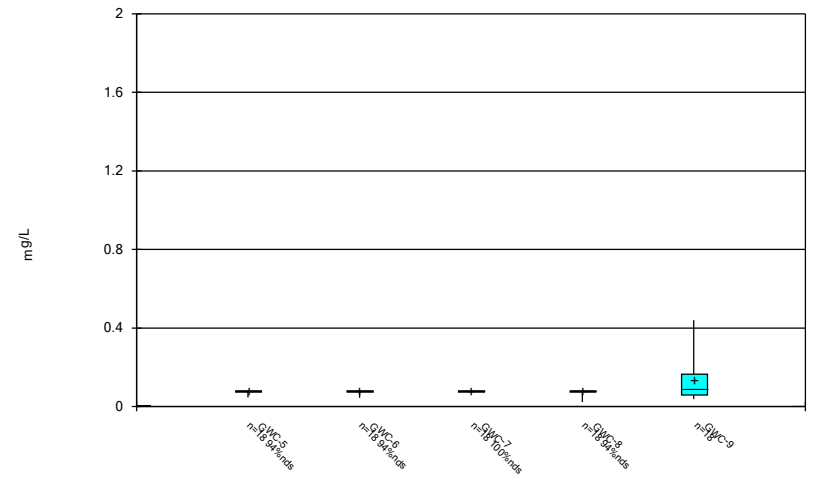
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



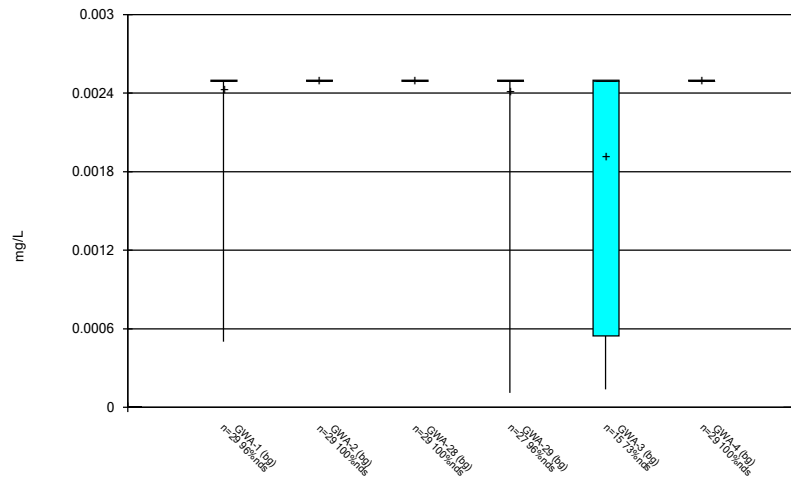
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



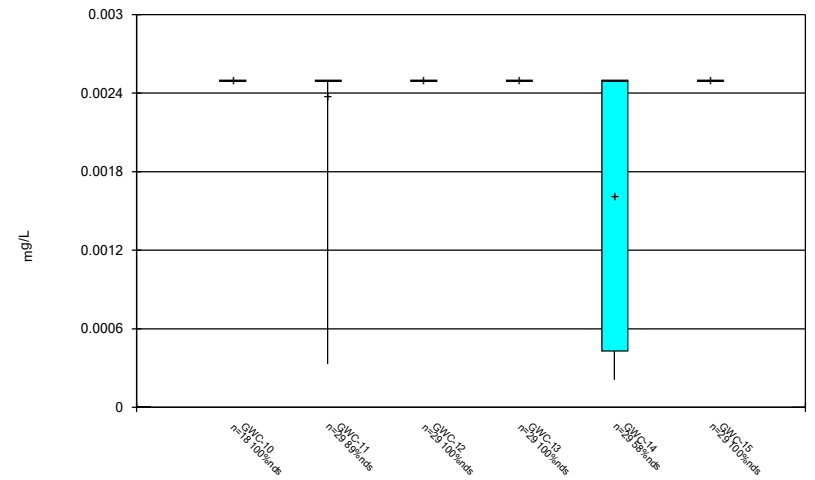
Constituent: Boron, total Analysis Run 4/24/2021 11:51 AM  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



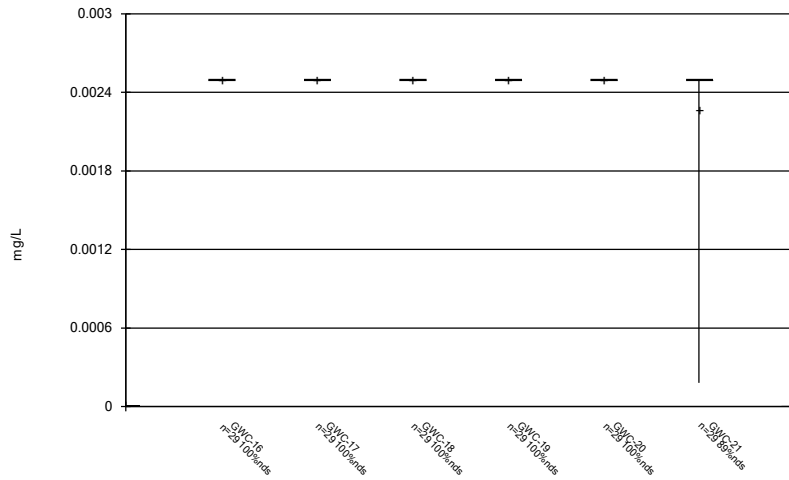
Constituent: Cadmium Analysis Run 4/24/2021 11:51 AM  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



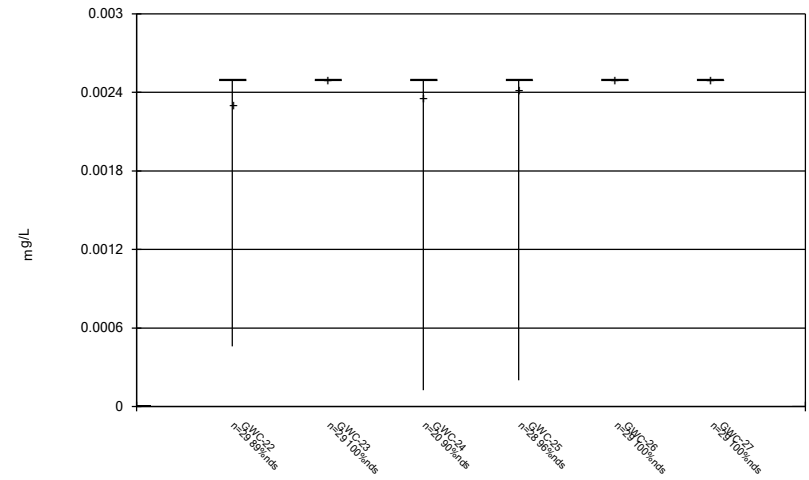
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



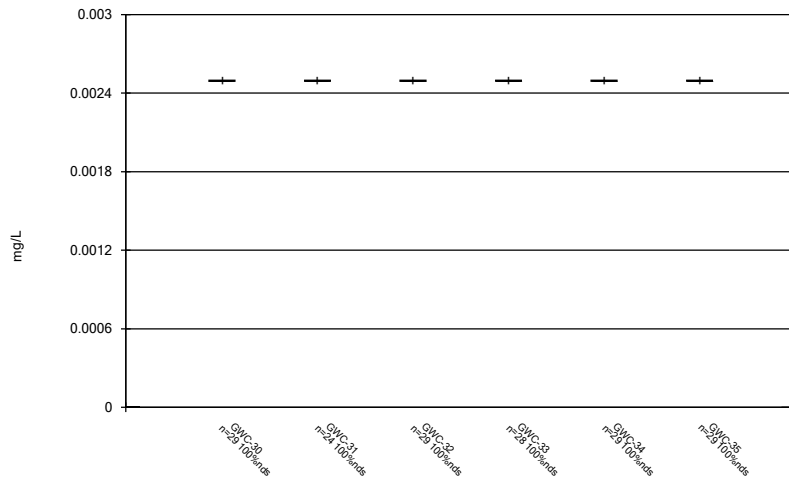
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



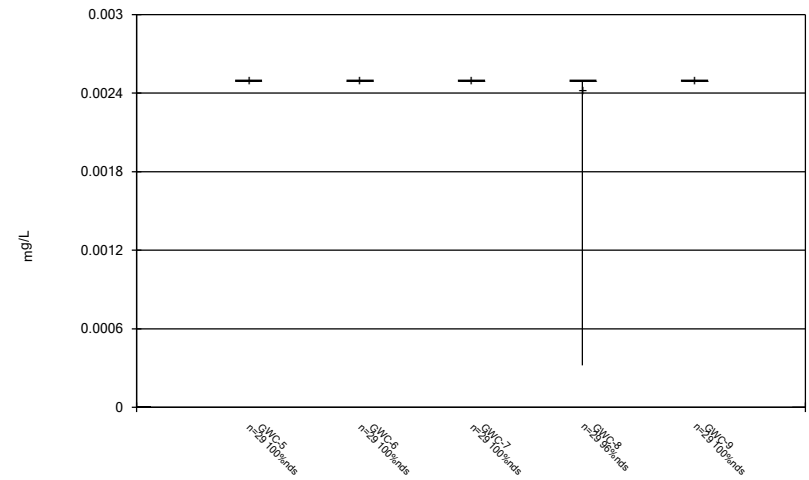
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



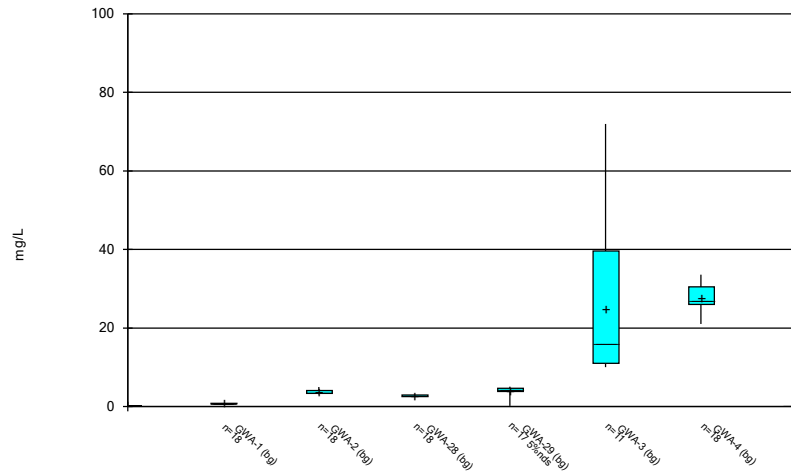
Constituent: Cadmium Analysis Run 4/24/2021 11:51 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



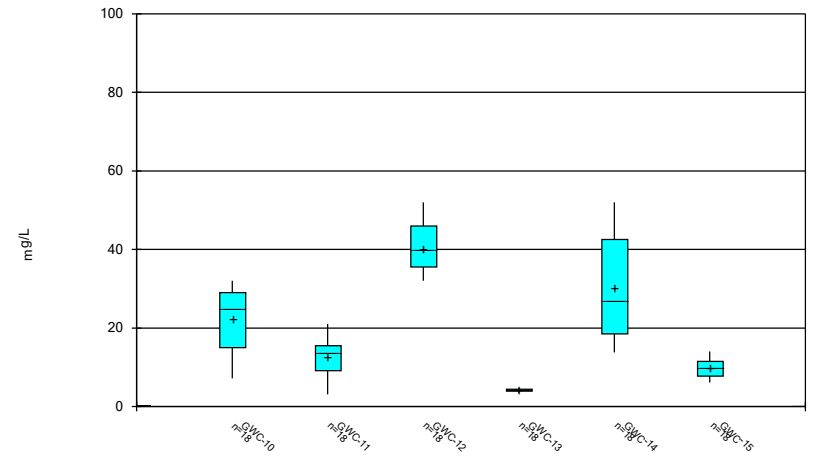
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



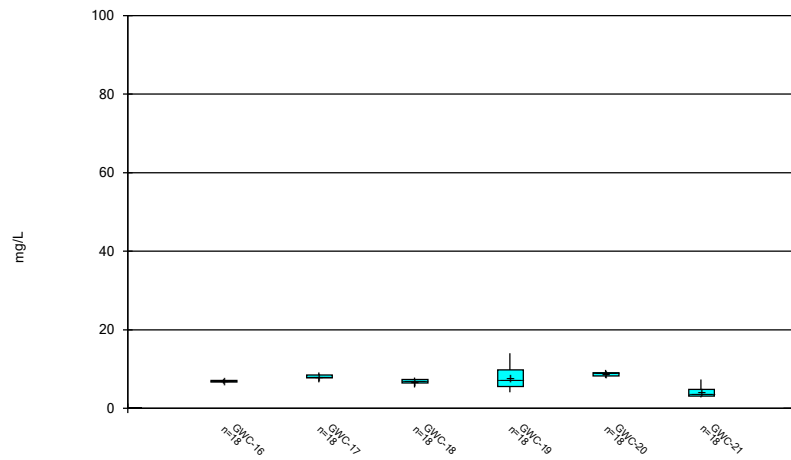
Constituent: Calcium, total Analysis Run 4/24/2021 11:51 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



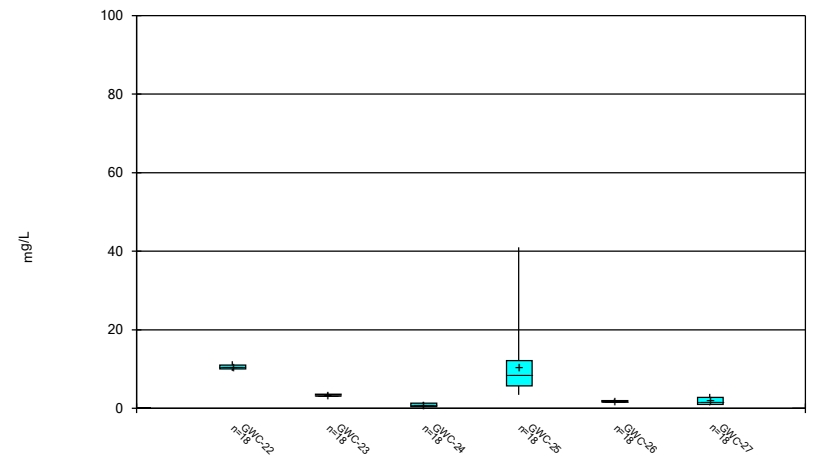
Constituent: Calcium, total Analysis Run 4/24/2021 11:51 AM  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



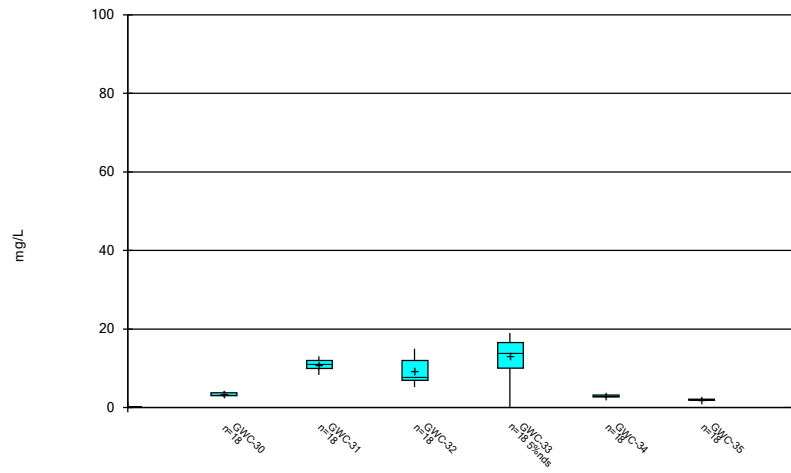
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



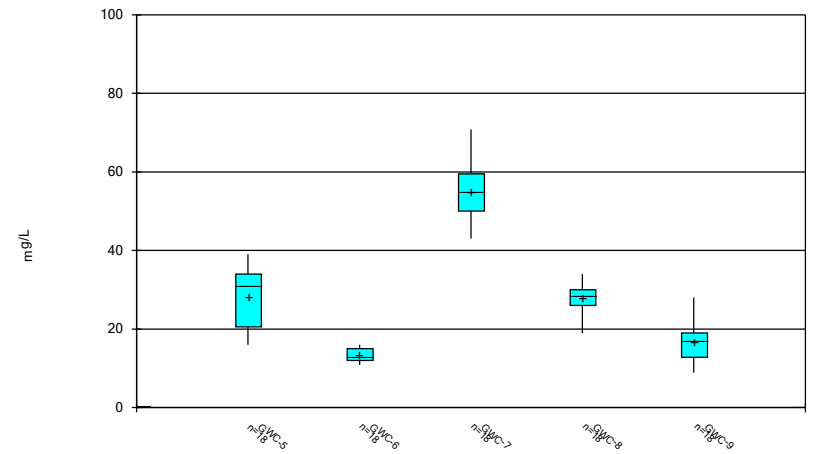
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Box & Whiskers Plot



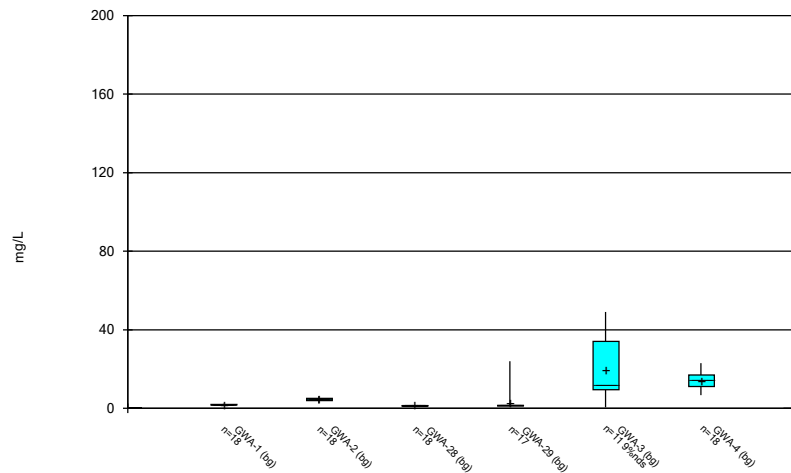
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Box & Whiskers Plot



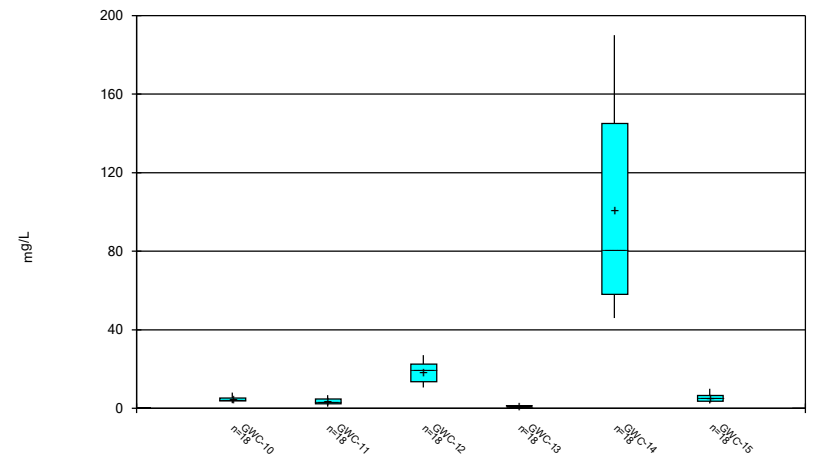
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



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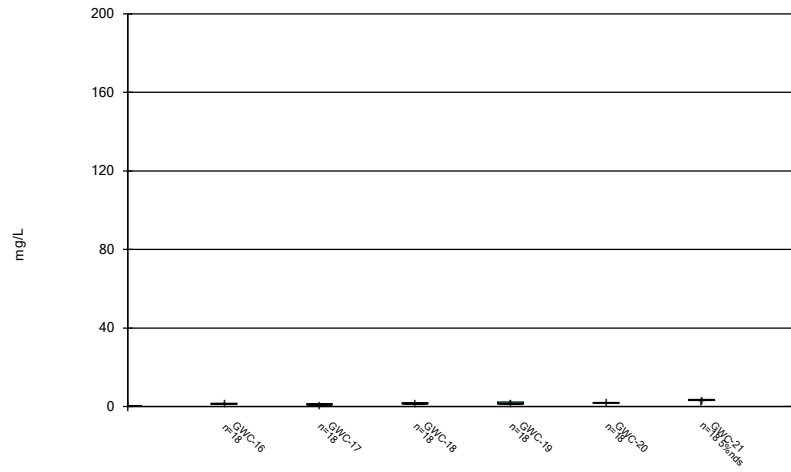
Box & Whiskers Plot



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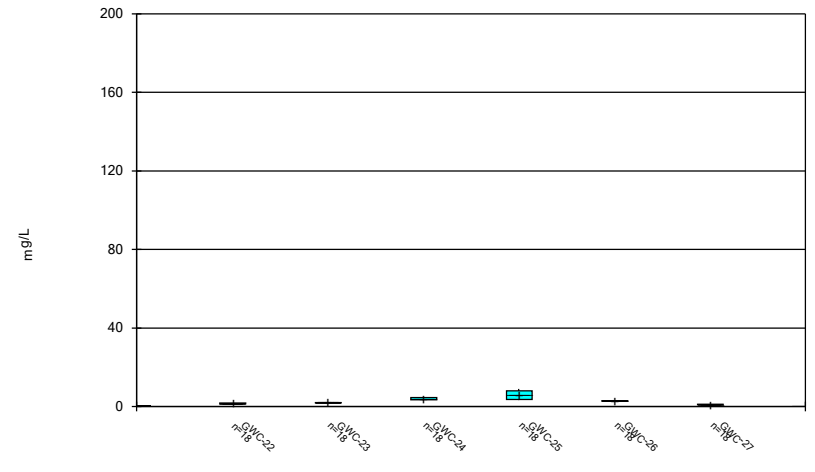


Box & Whiskers Plot



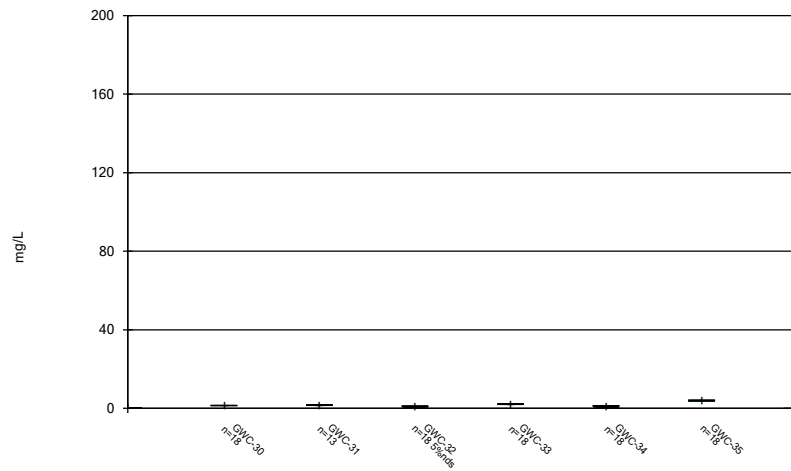
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Box & Whiskers Plot



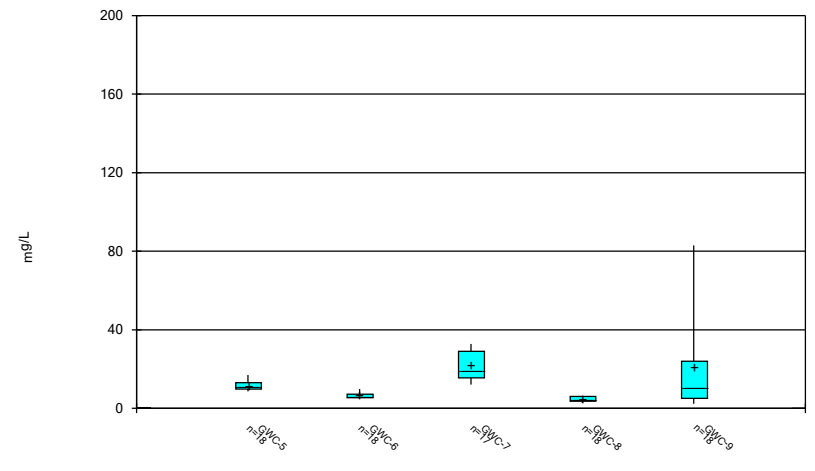
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Box & Whiskers Plot



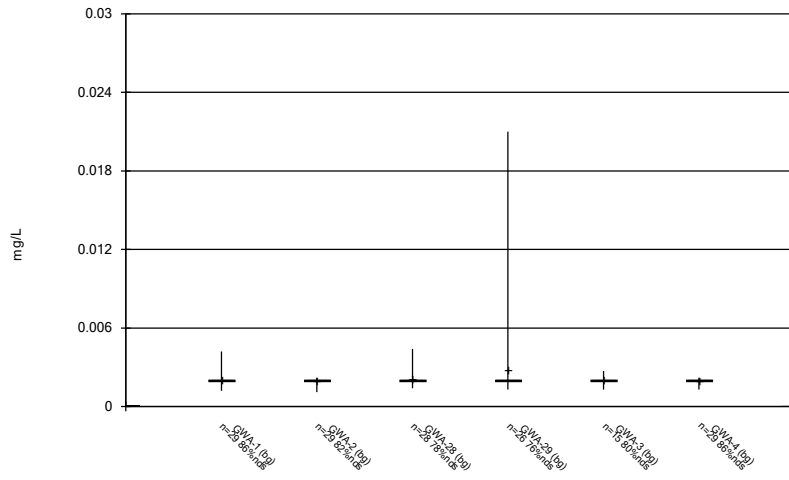
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Box & Whiskers Plot



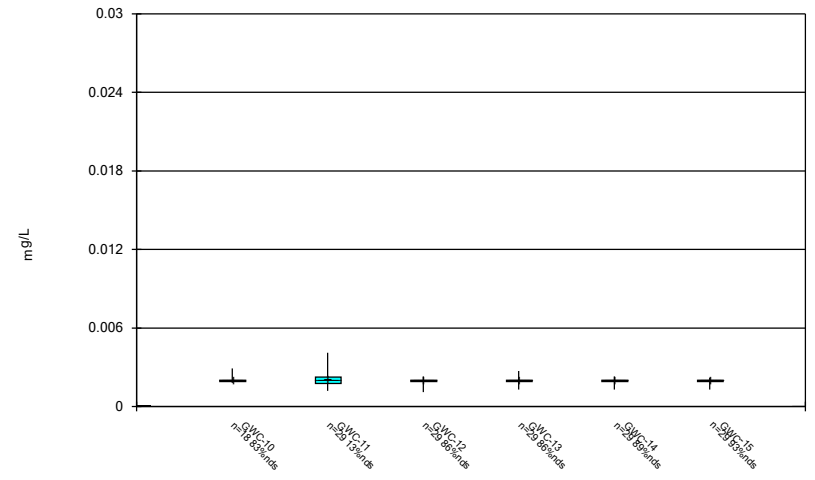
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Box & Whiskers Plot



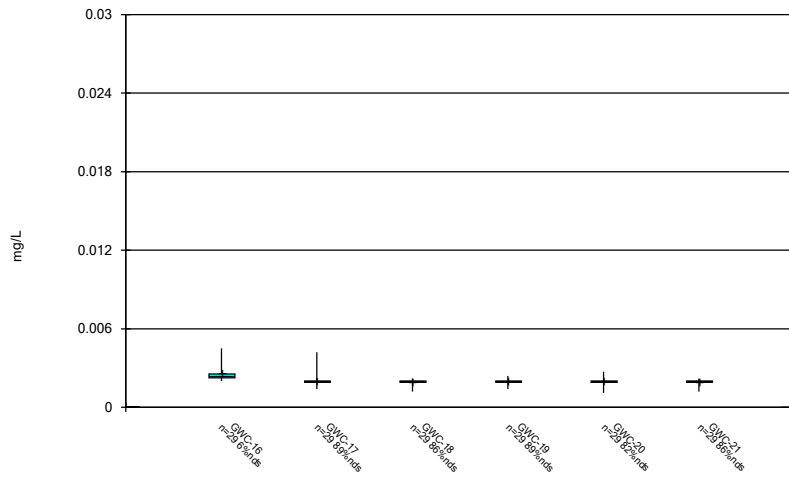
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Box & Whiskers Plot



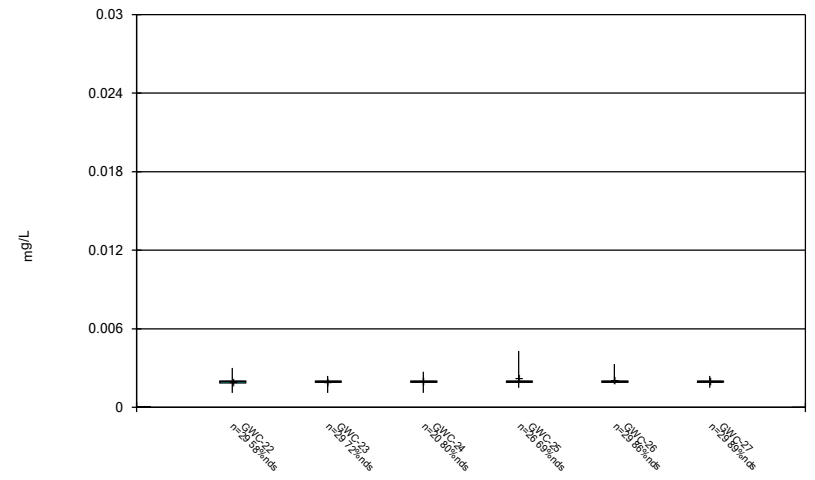
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Box & Whiskers Plot



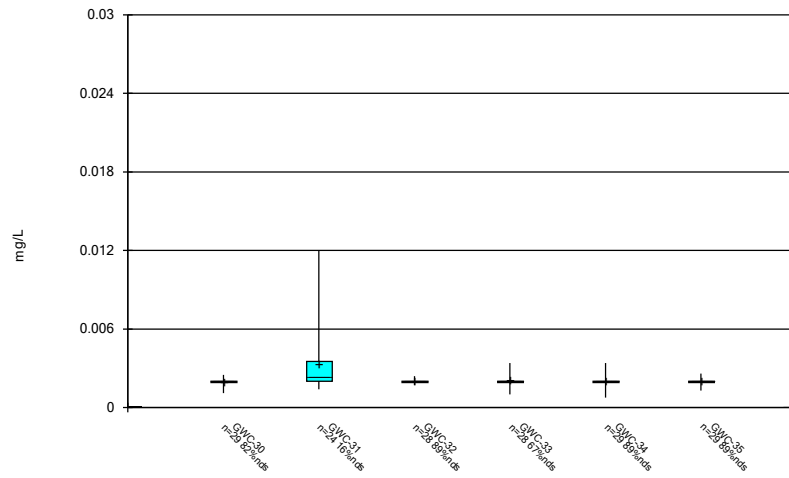
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Box & Whiskers Plot



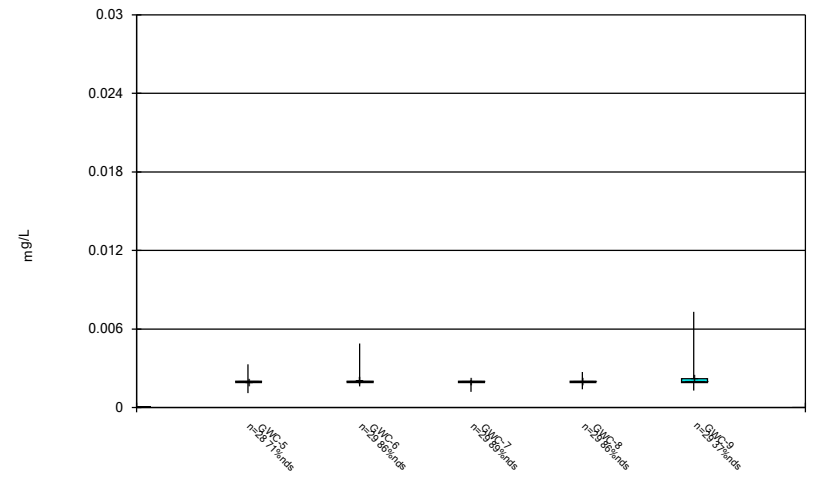
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Box & Whiskers Plot



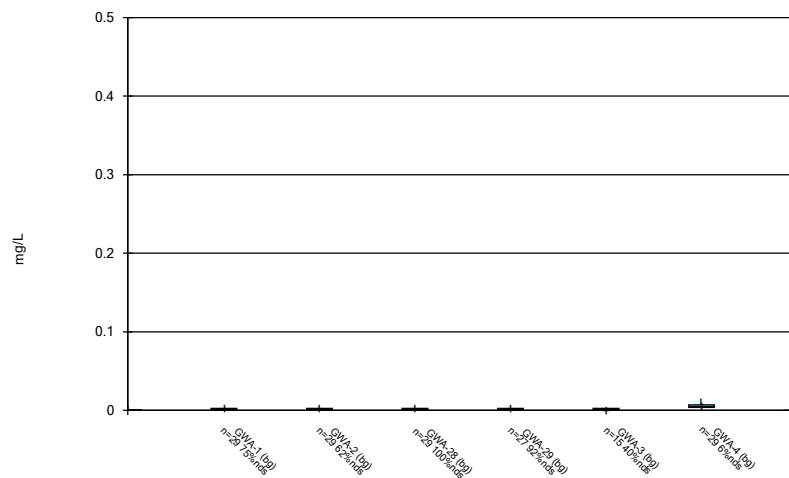
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Box & Whiskers Plot



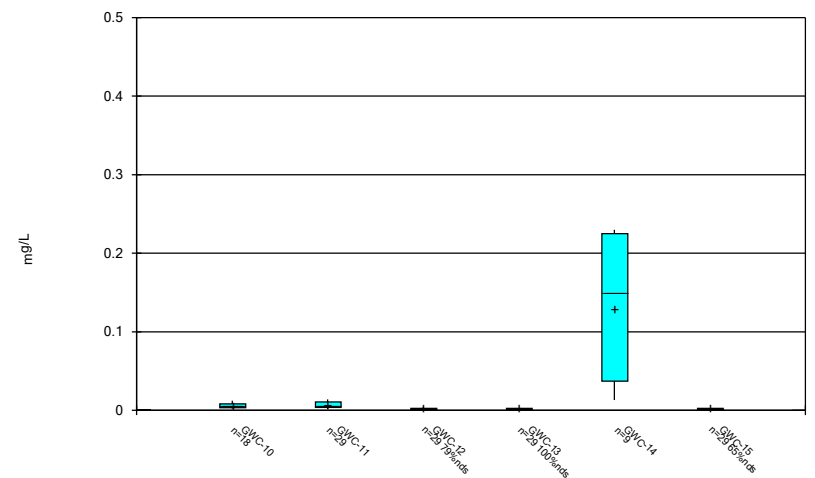
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



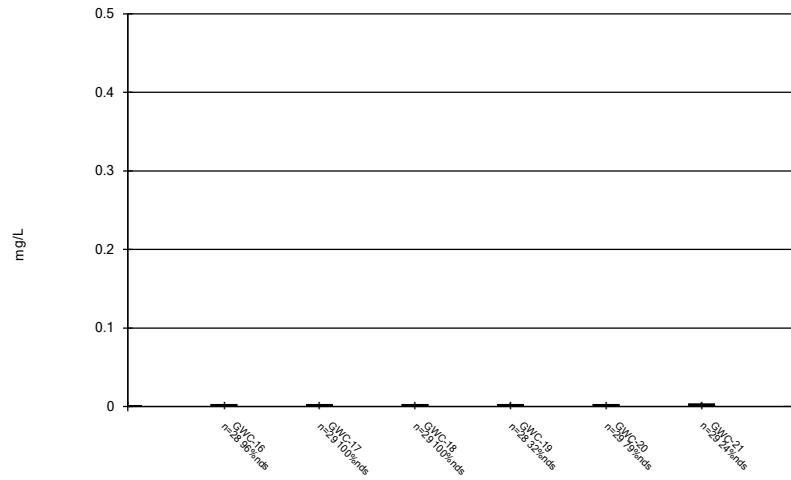
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Box & Whiskers Plot



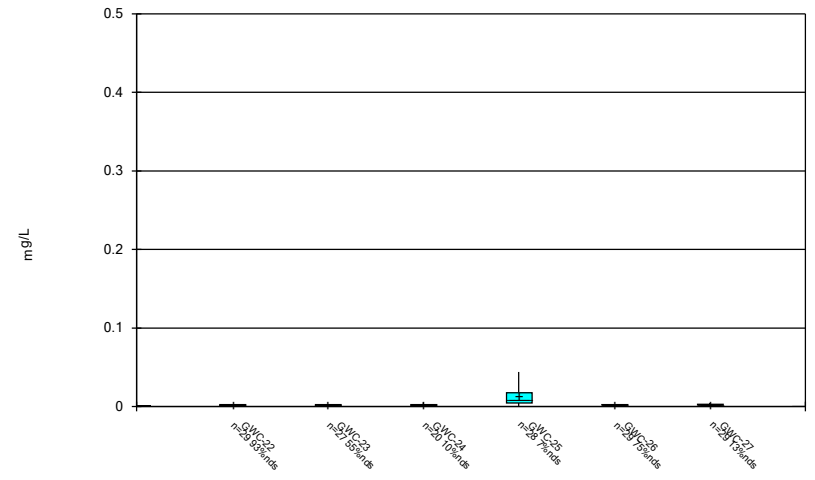
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Box & Whiskers Plot



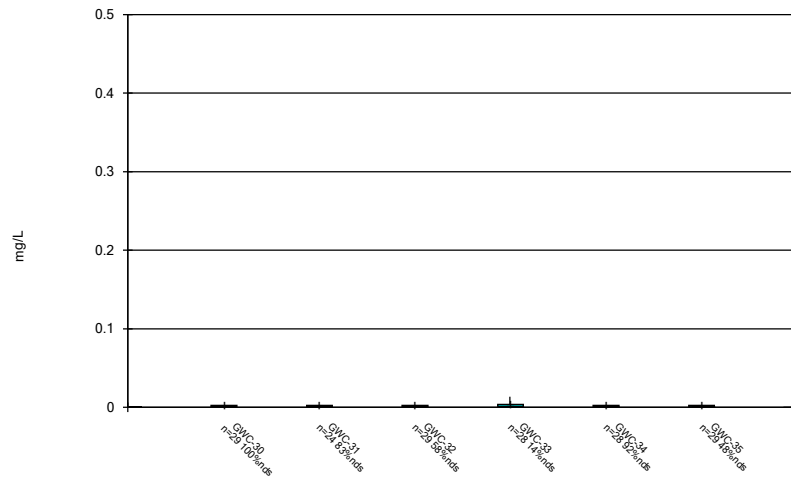
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Box & Whiskers Plot



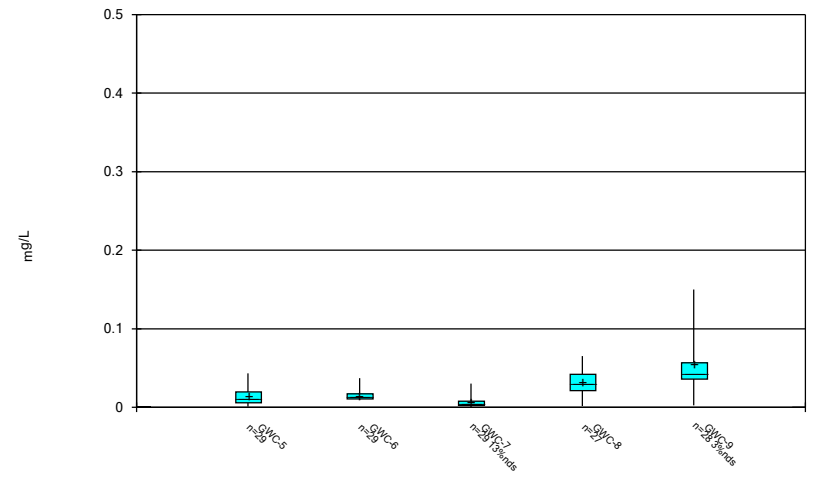
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Box & Whiskers Plot



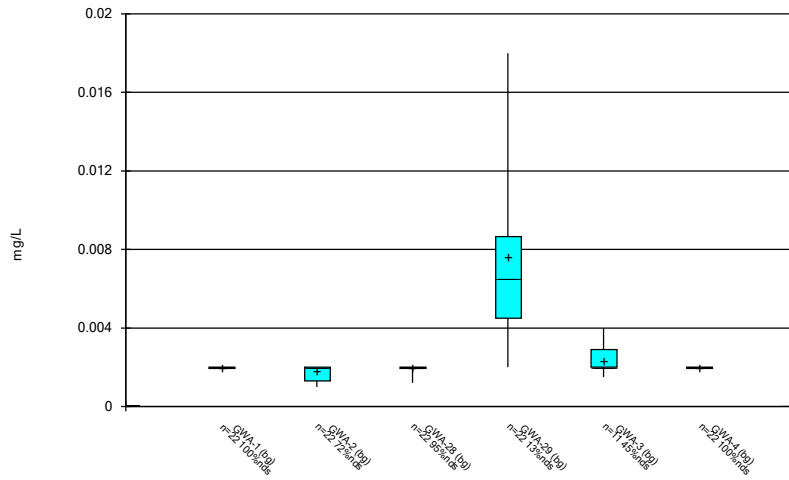
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Box & Whiskers Plot



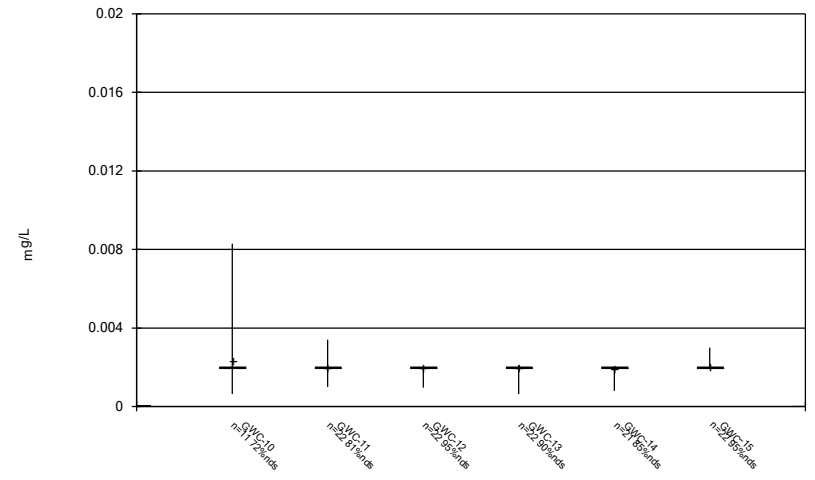
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Box & Whiskers Plot



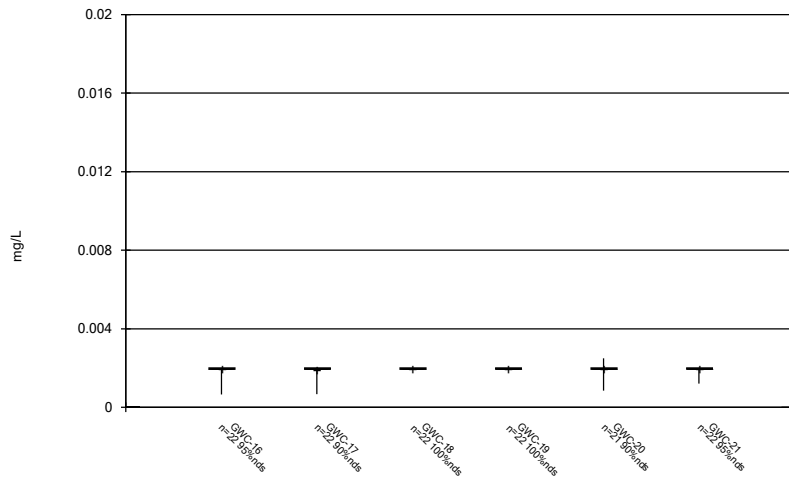
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Box & Whiskers Plot



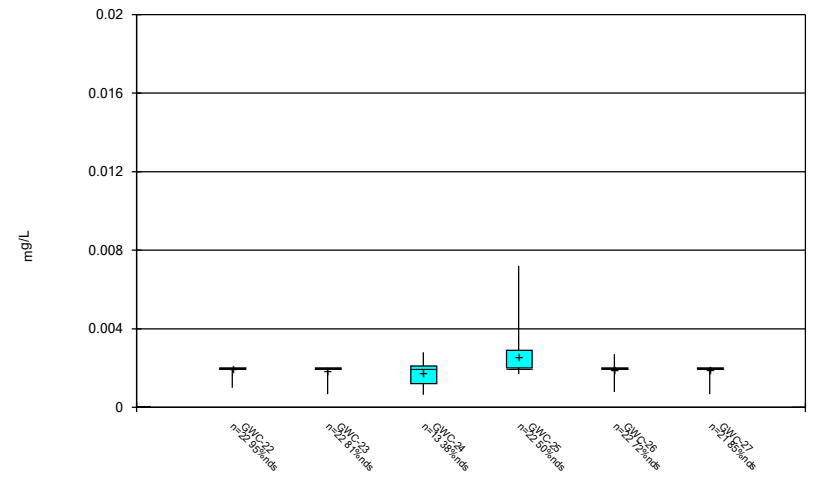
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Box & Whiskers Plot



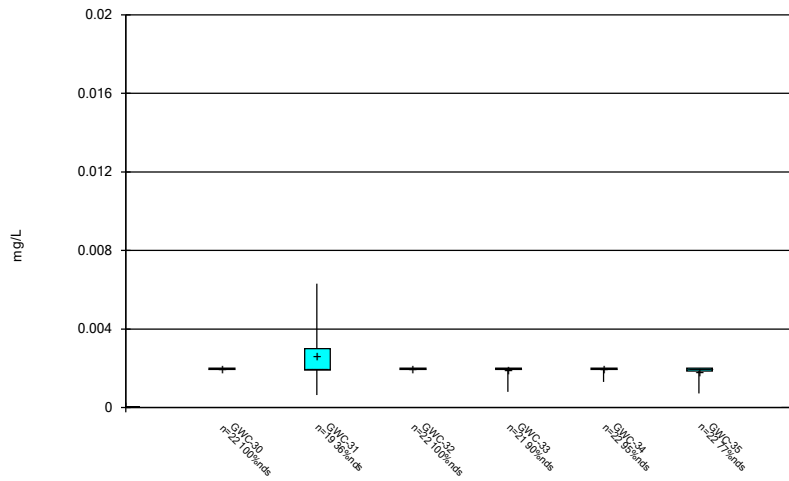
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Box & Whiskers Plot



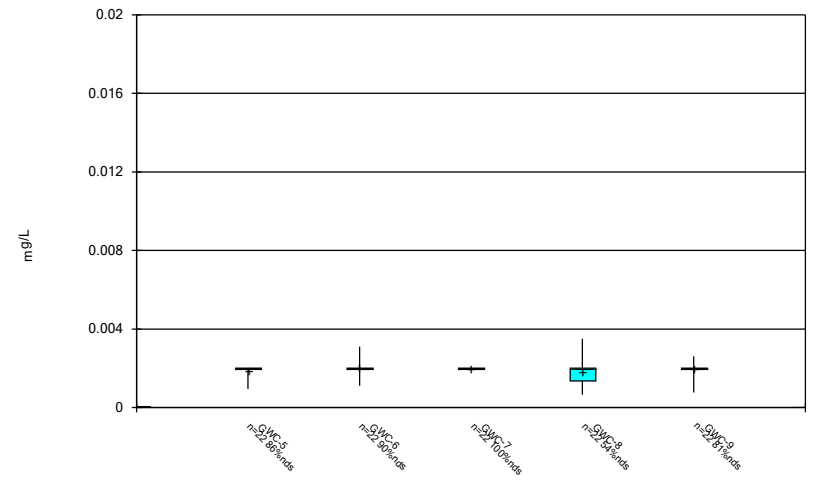
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Box & Whiskers Plot



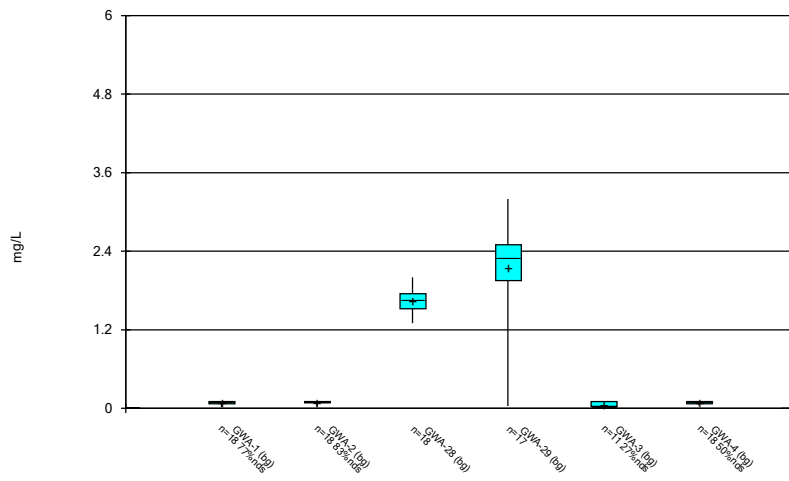
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Box & Whiskers Plot



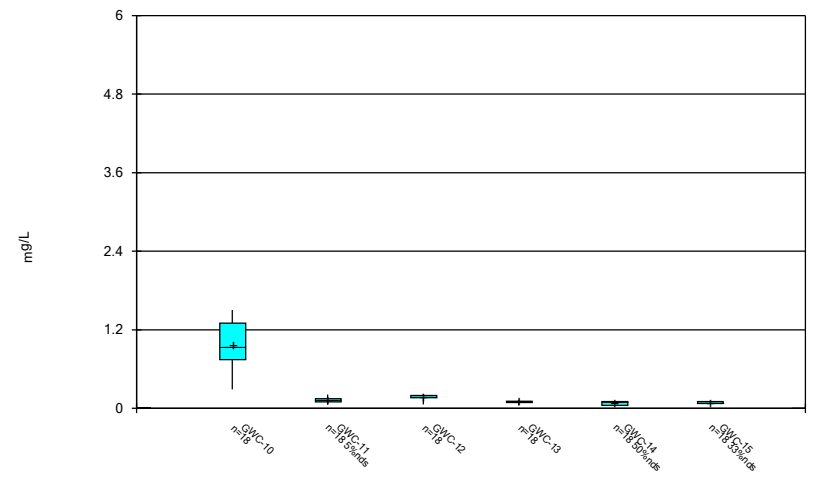
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Box & Whiskers Plot



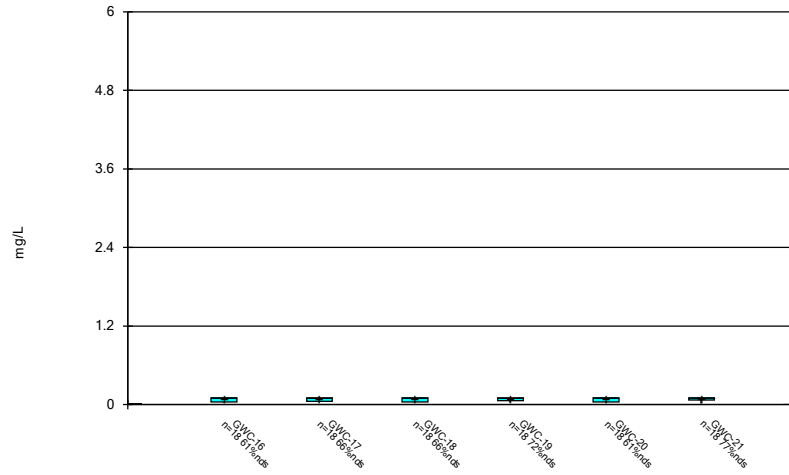
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Box & Whiskers Plot



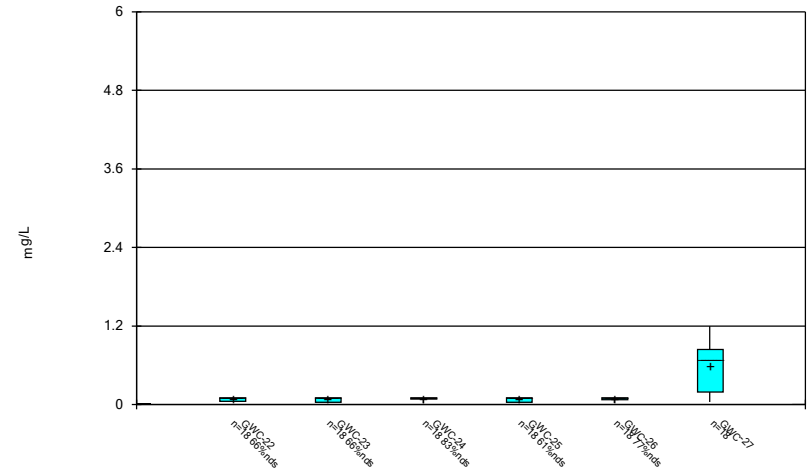
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Box & Whiskers Plot



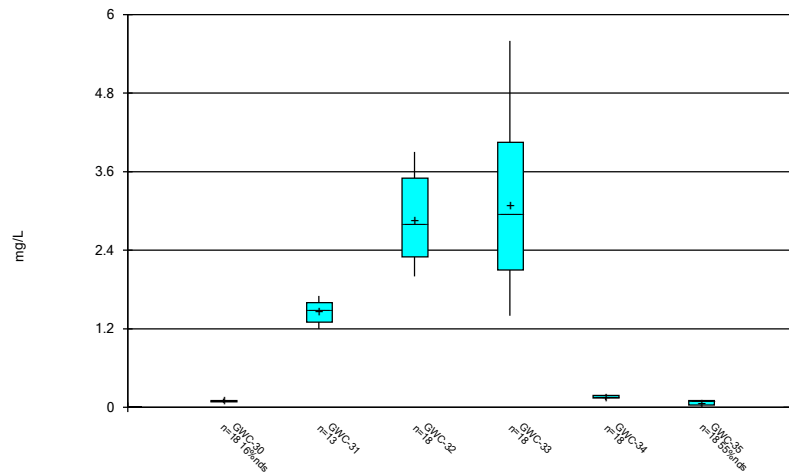
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Box & Whiskers Plot



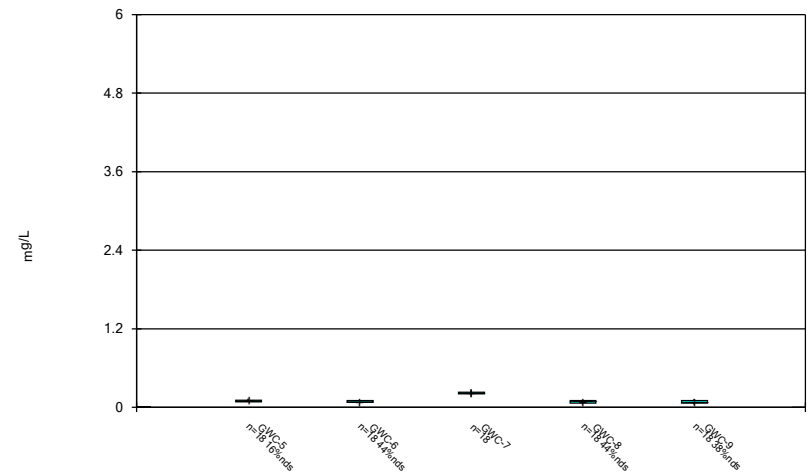
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Box & Whiskers Plot



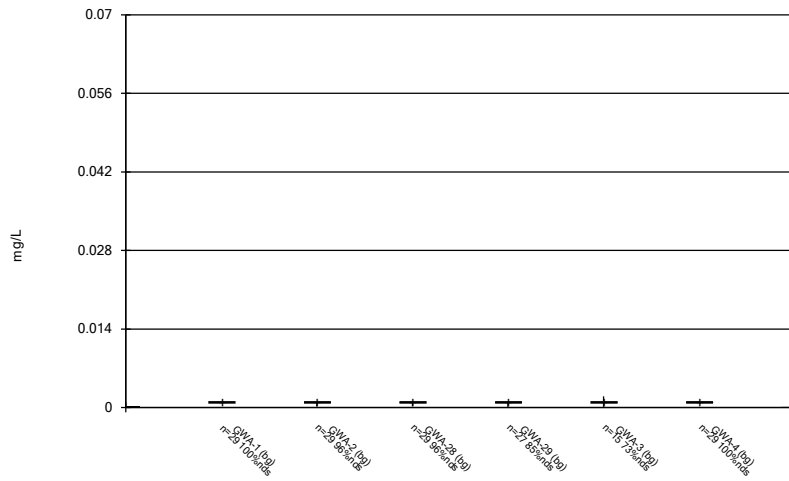
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Box & Whiskers Plot



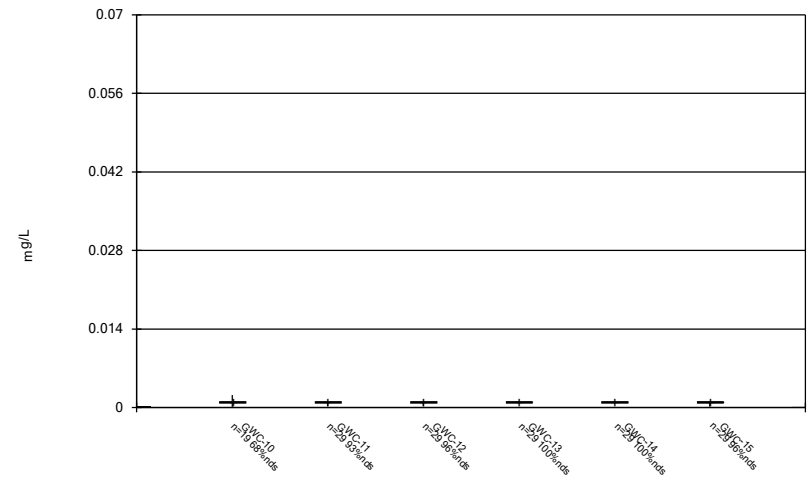
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Box & Whiskers Plot



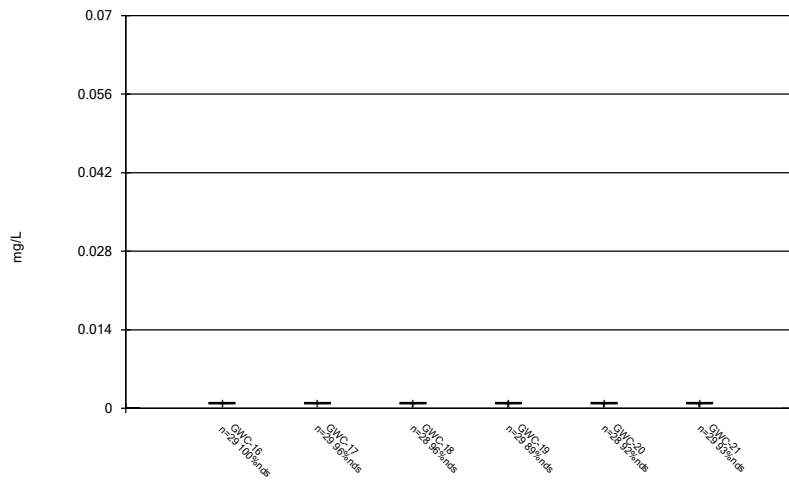
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Box & Whiskers Plot



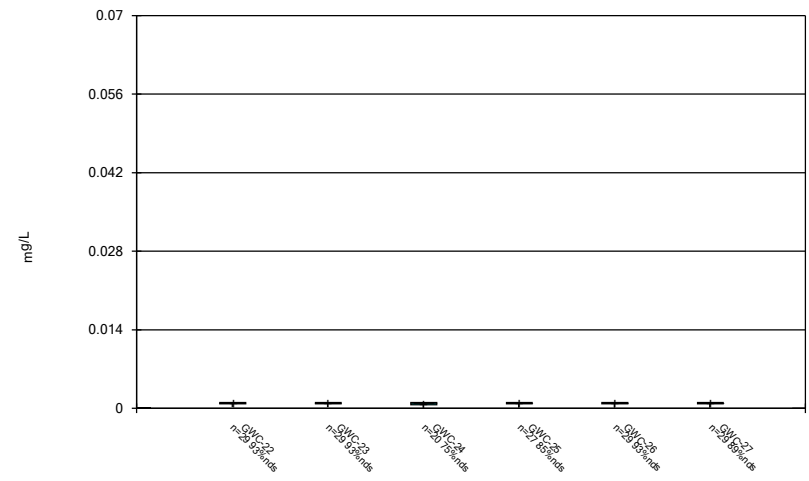
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Box & Whiskers Plot



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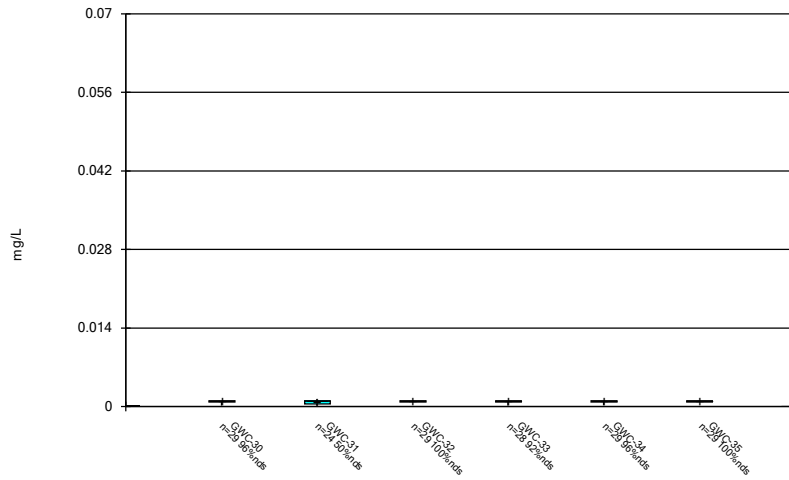
Box & Whiskers Plot



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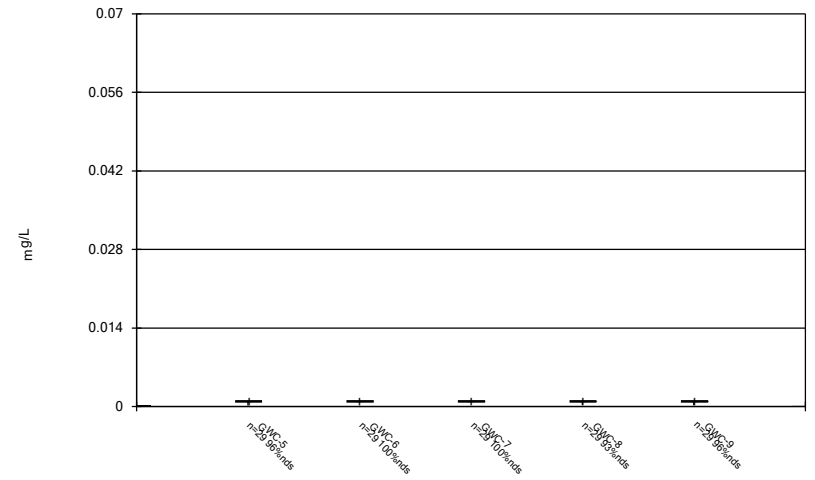


### Box & Whiskers Plot



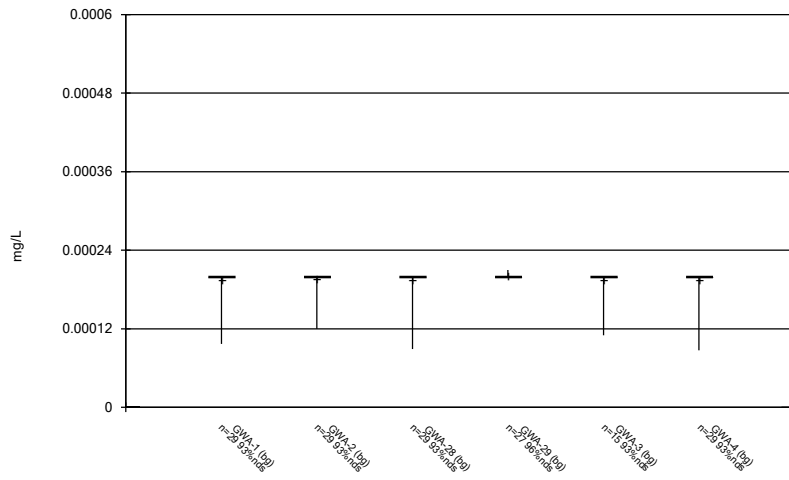
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### Box & Whiskers Plot



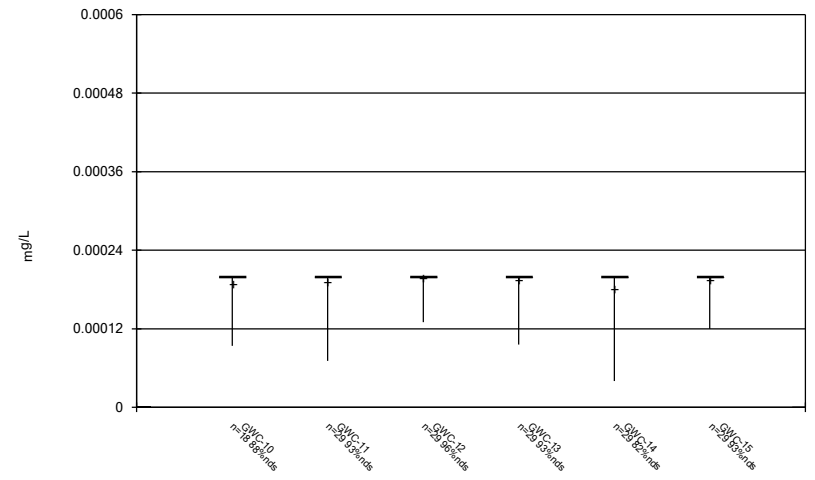
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### Box & Whiskers Plot



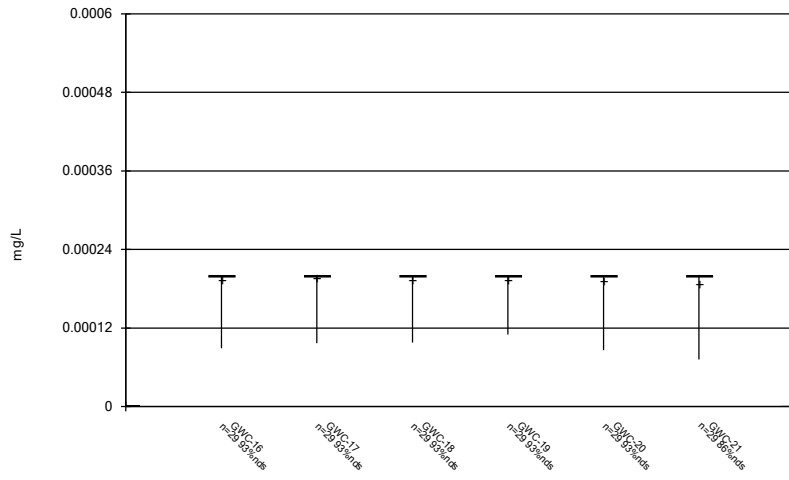
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### Box & Whiskers Plot



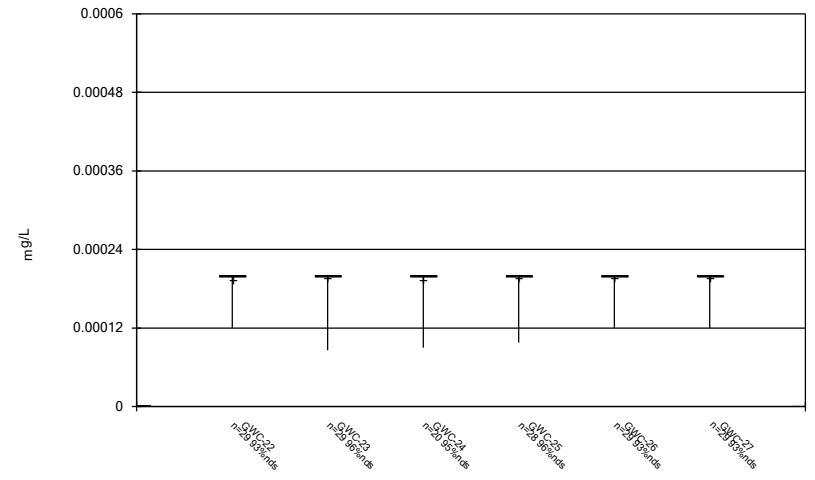
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### Box & Whiskers Plot



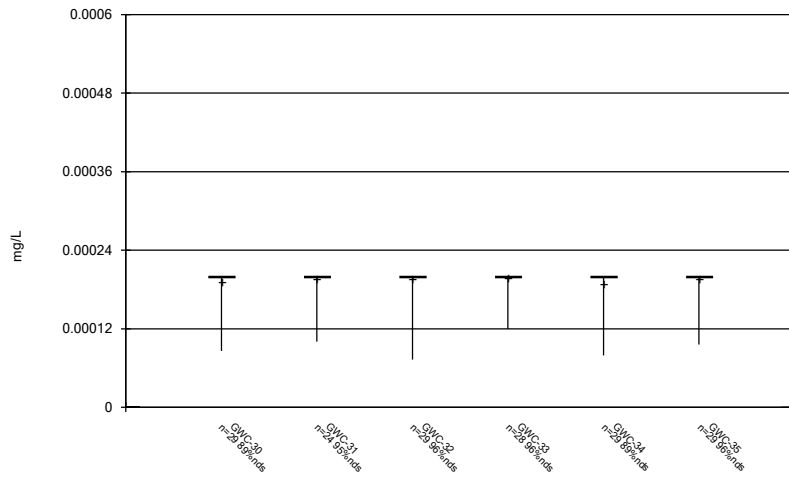
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### Box & Whiskers Plot



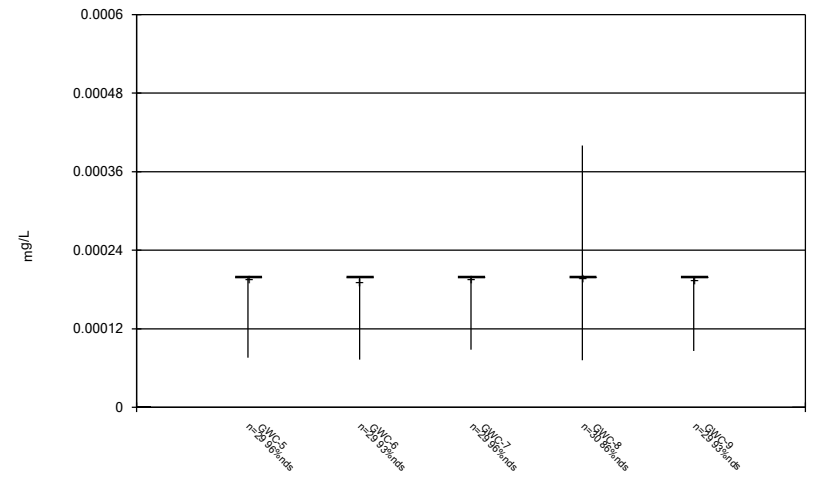
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### Box & Whiskers Plot



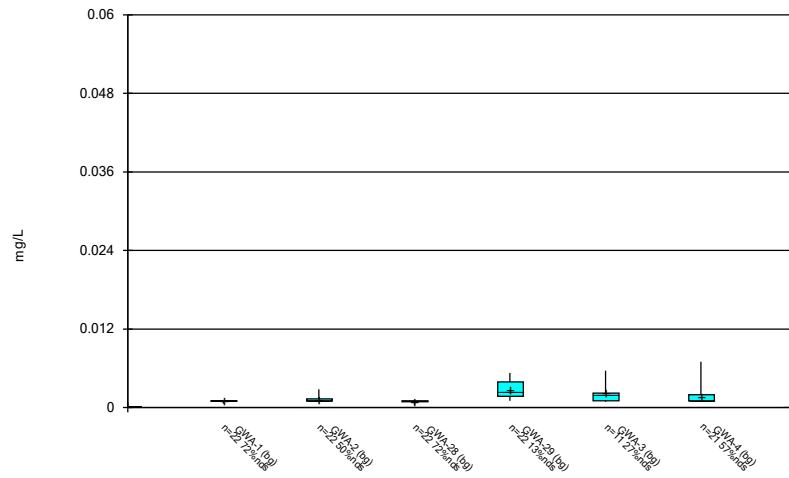
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### Box & Whiskers Plot



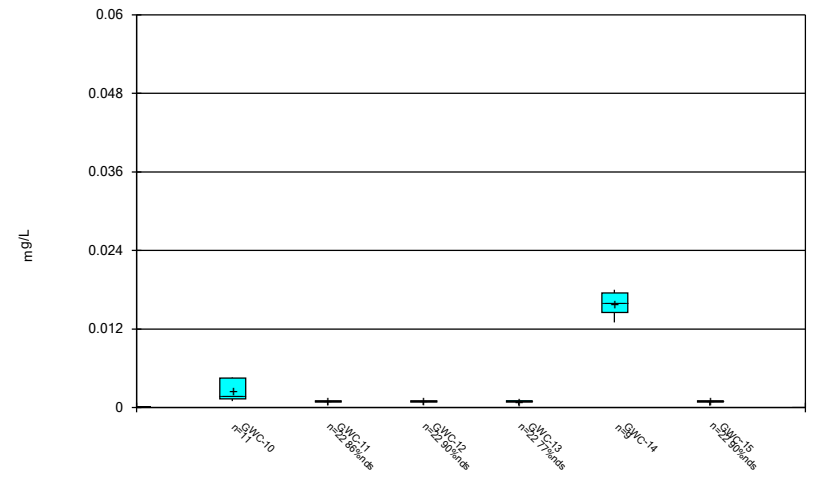
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Box & Whiskers Plot



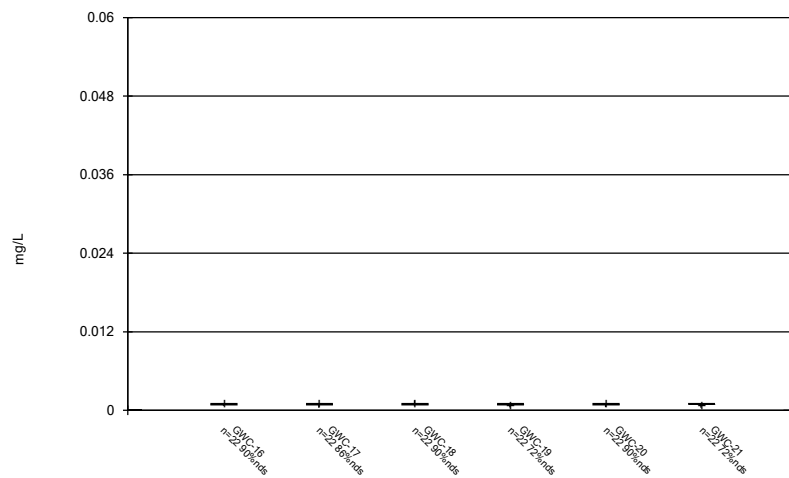
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Box & Whiskers Plot



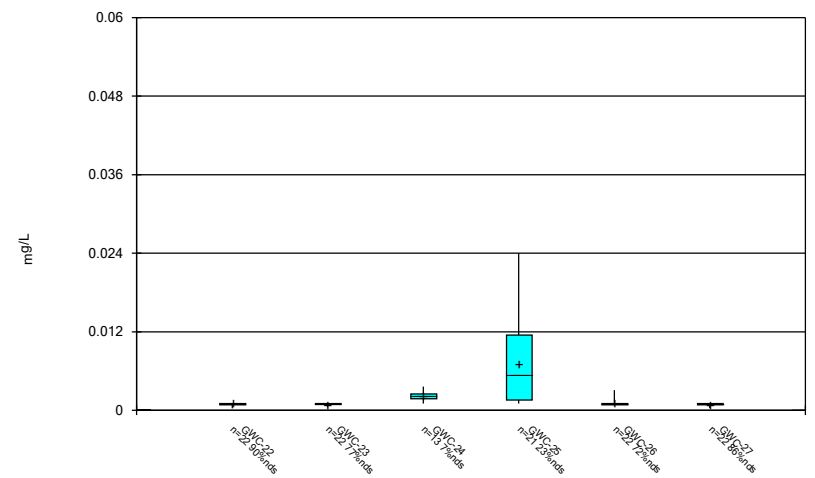
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Box & Whiskers Plot



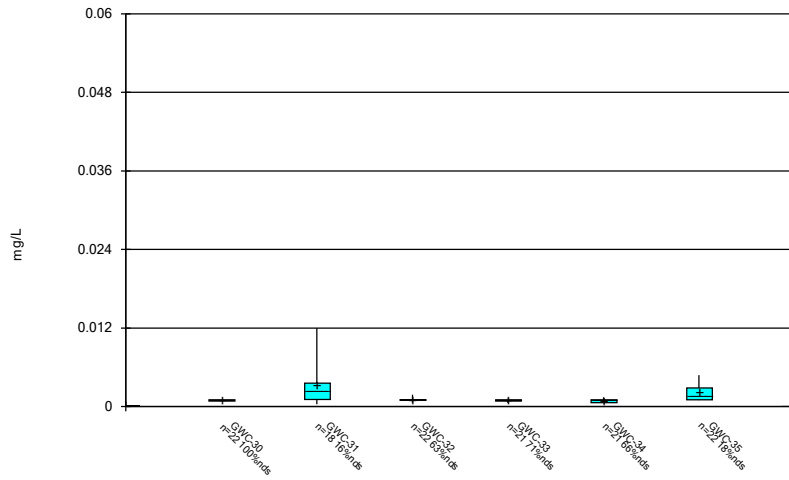
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Box & Whiskers Plot



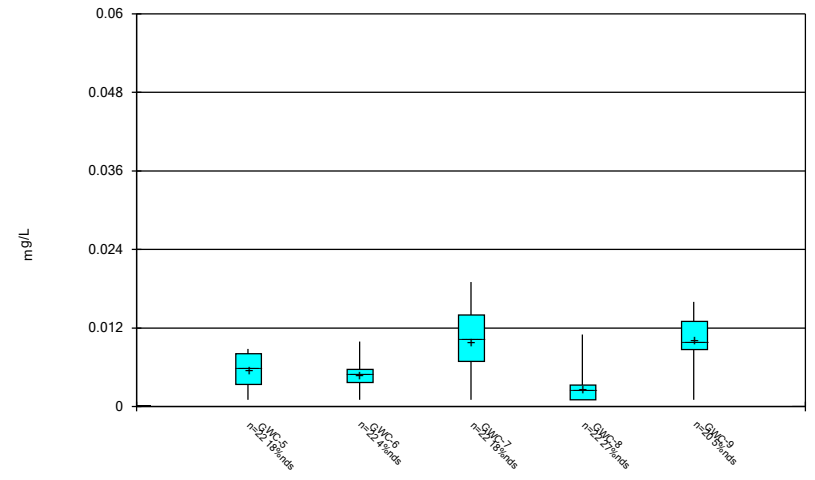
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### Box & Whiskers Plot



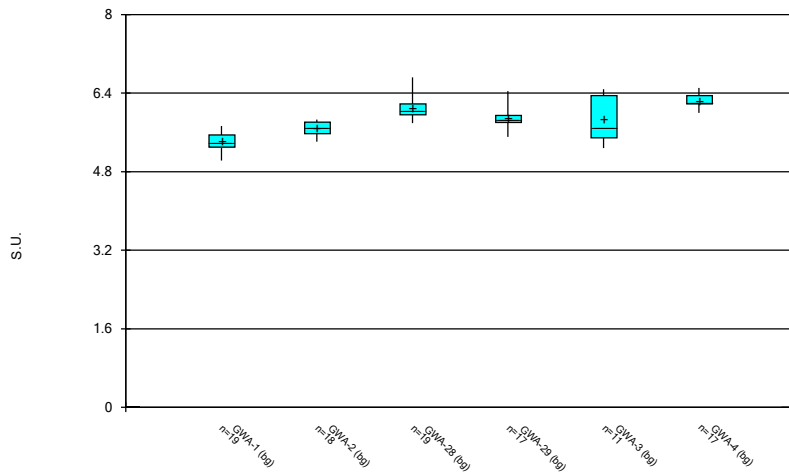
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### Box & Whiskers Plot



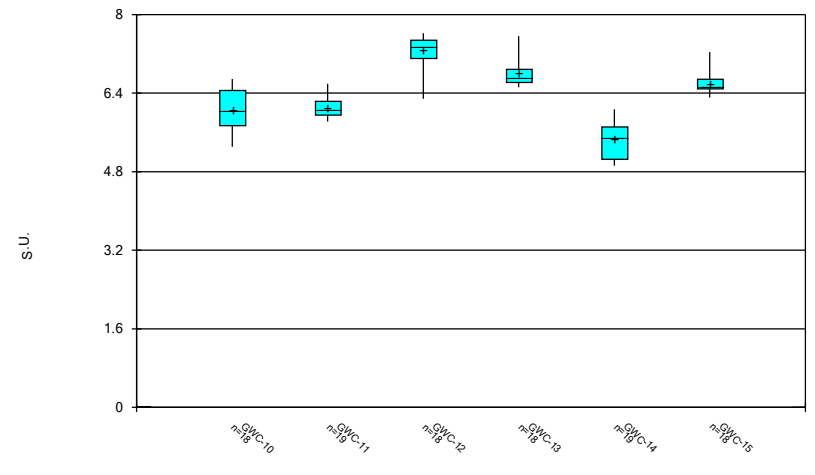
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### Box & Whiskers Plot



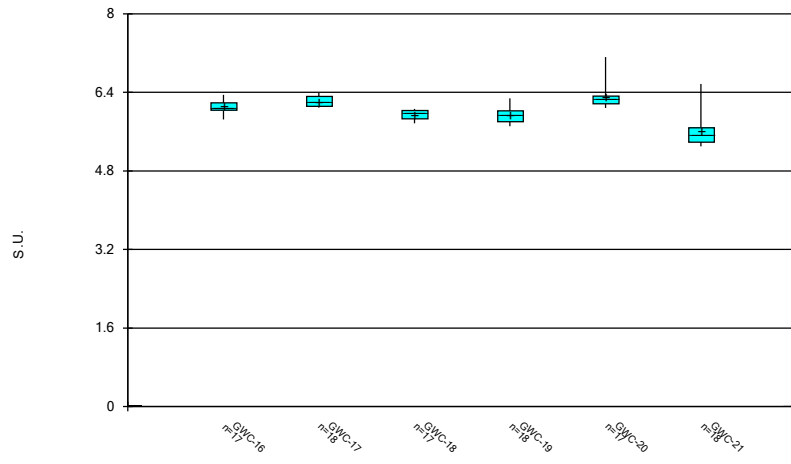
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### Box & Whiskers Plot



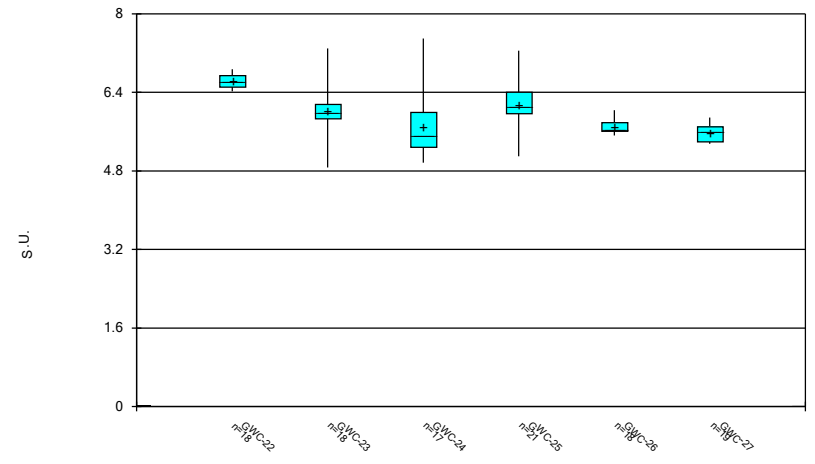
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Box & Whiskers Plot



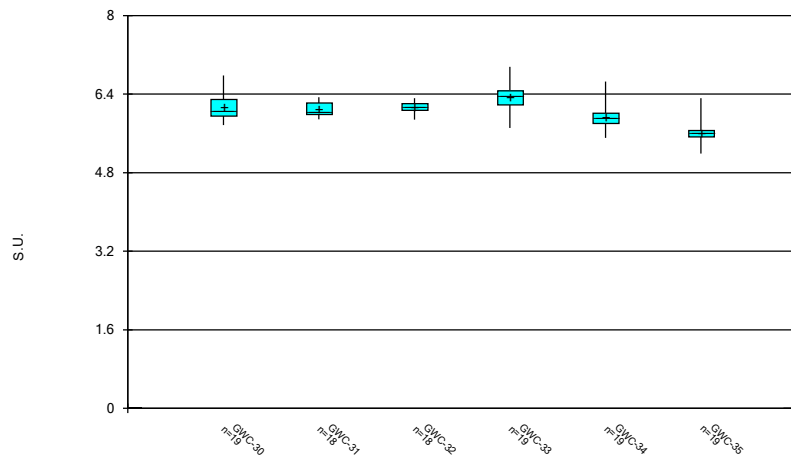
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Box & Whiskers Plot



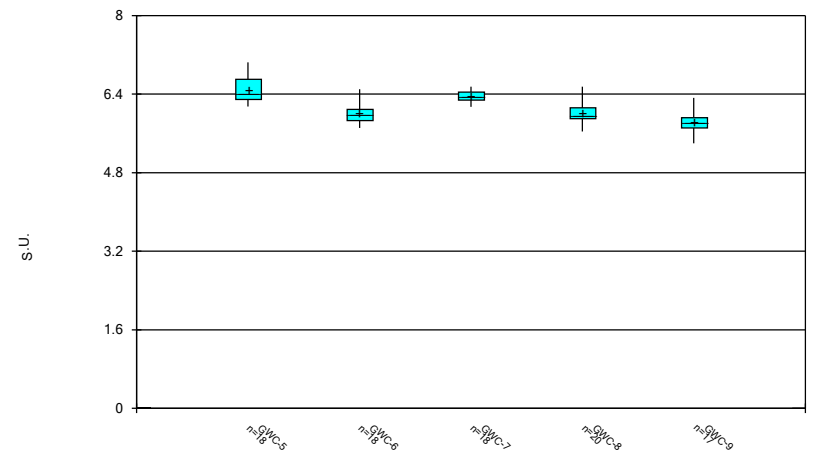
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Box & Whiskers Plot



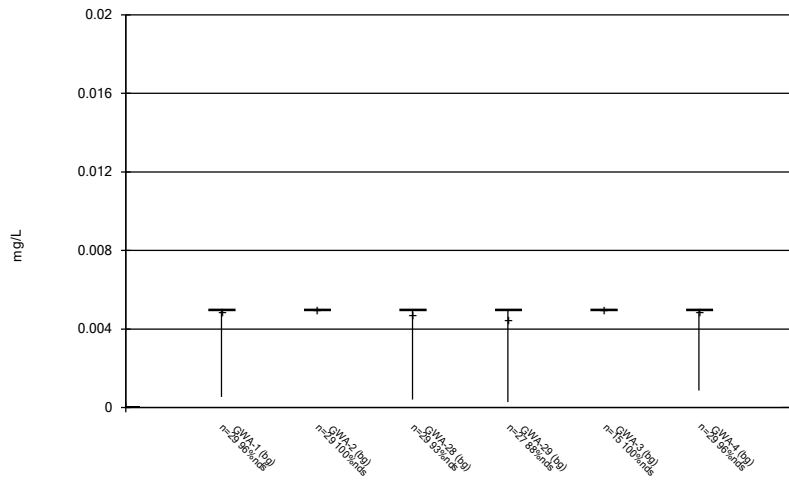
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



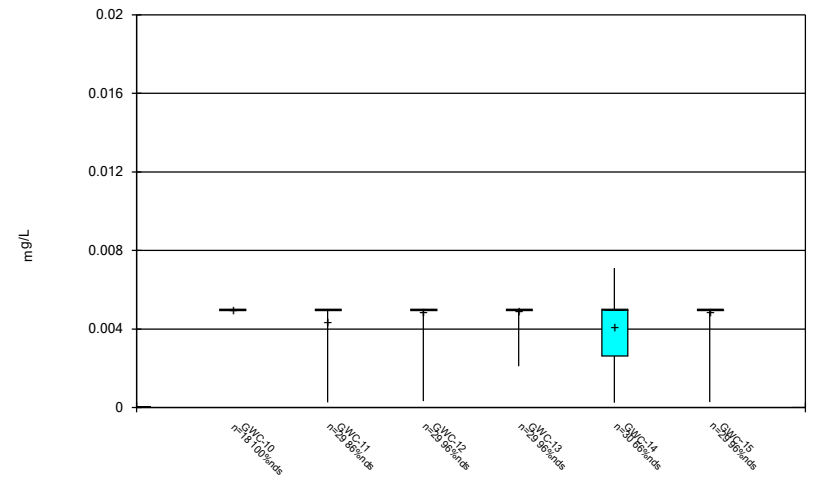
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



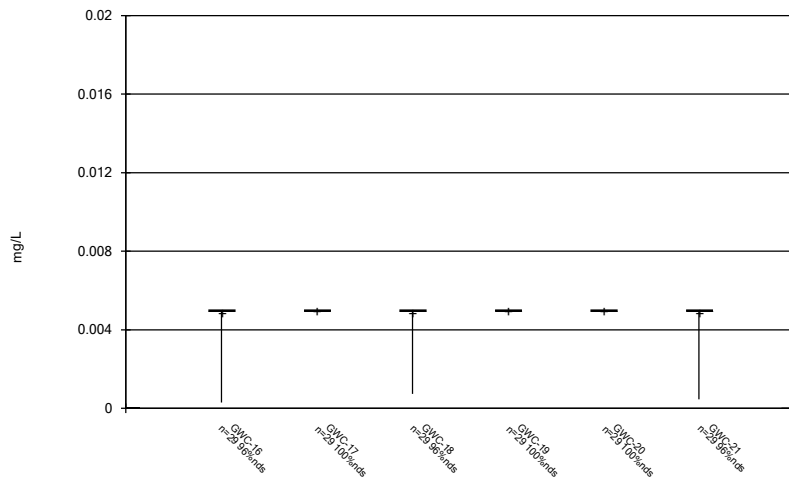
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### Box & Whiskers Plot



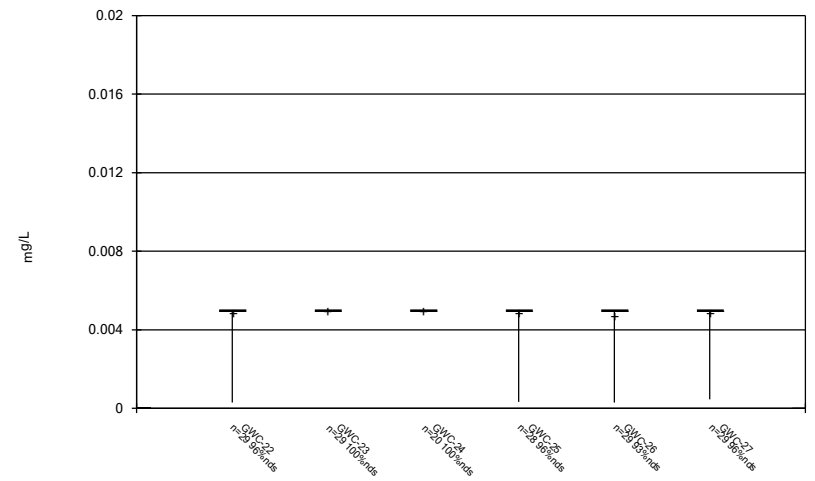
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### Box & Whiskers Plot



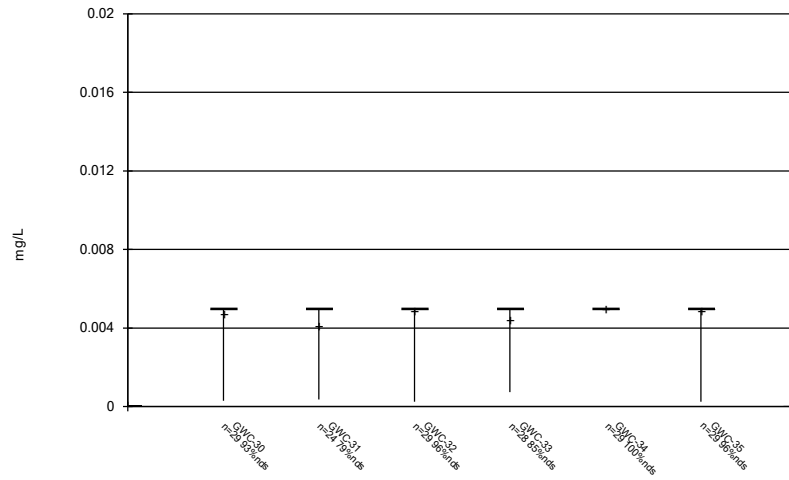
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



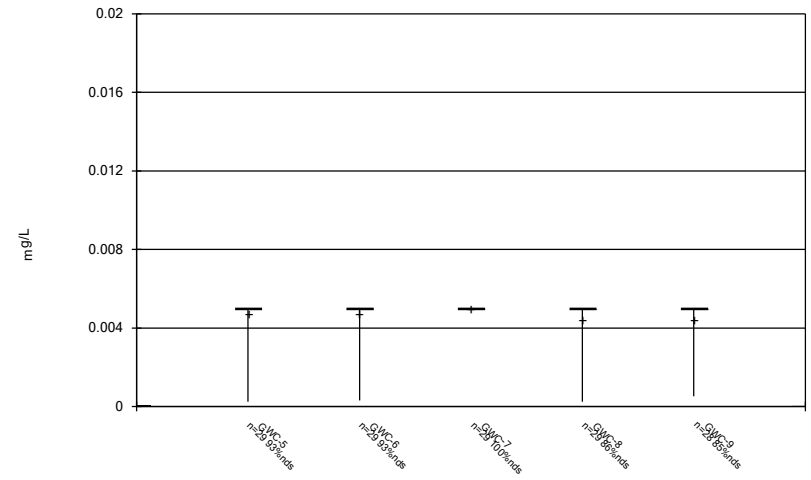
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### Box & Whiskers Plot



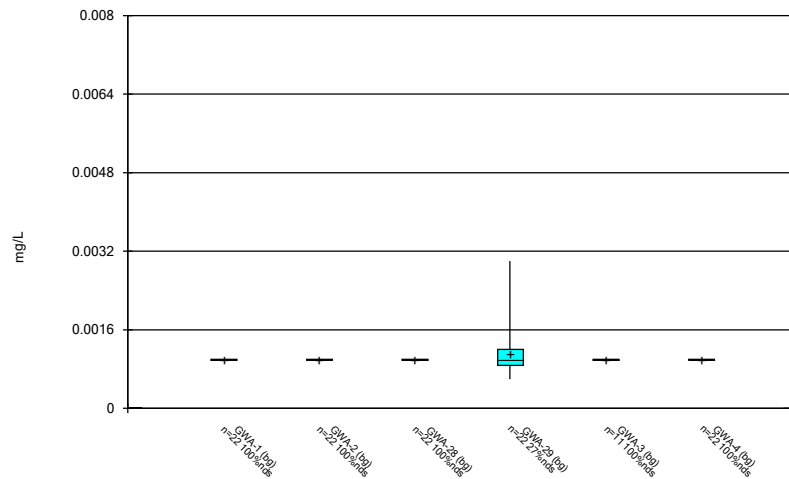
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### Box & Whiskers Plot



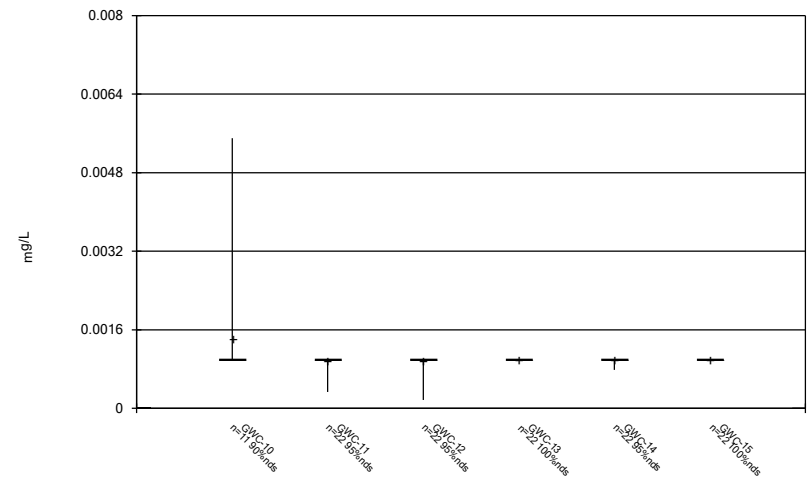
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### Box & Whiskers Plot



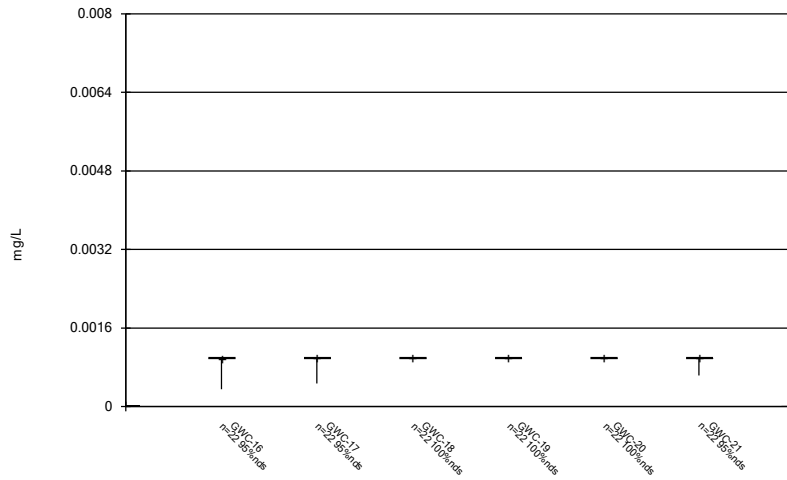
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### Box & Whiskers Plot



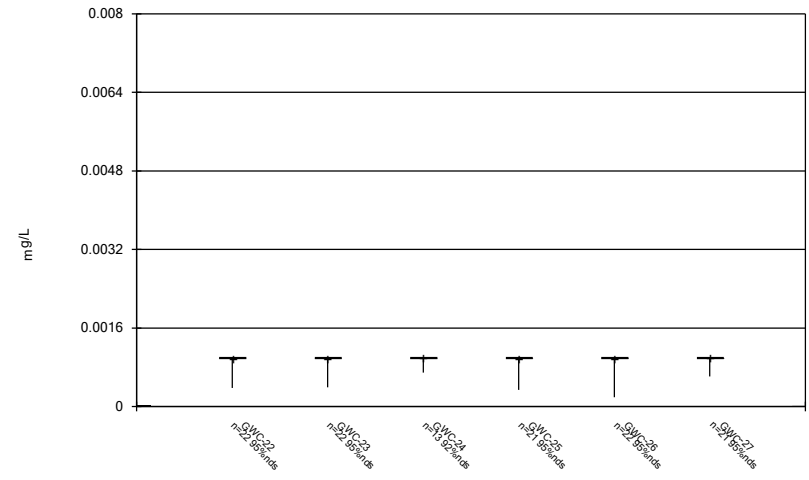
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Box & Whiskers Plot



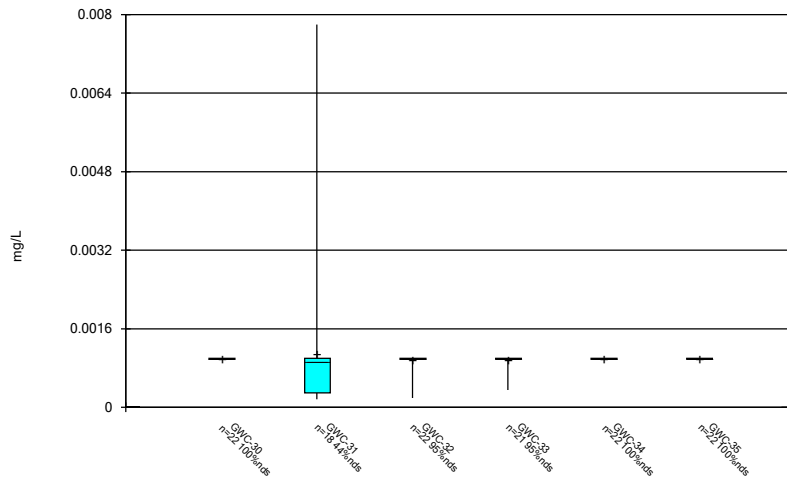
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Box & Whiskers Plot



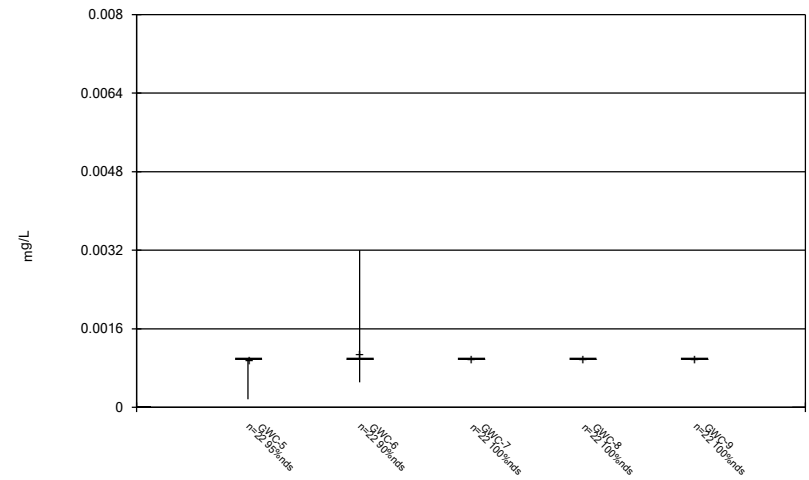
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Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

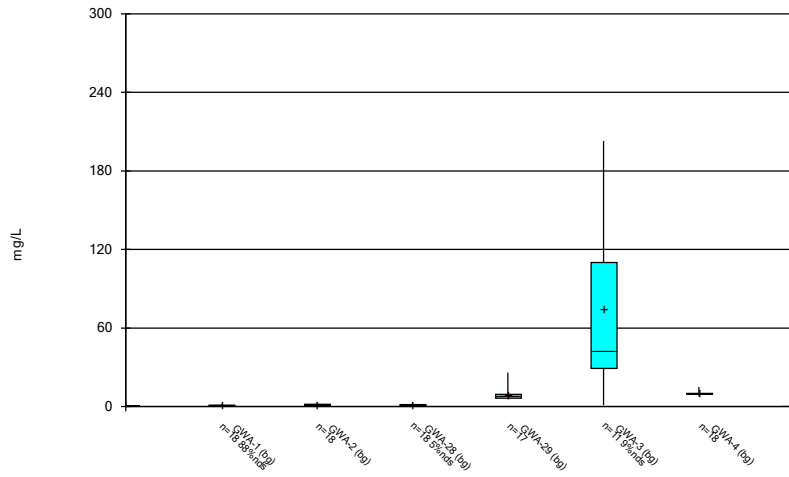
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley Landfill

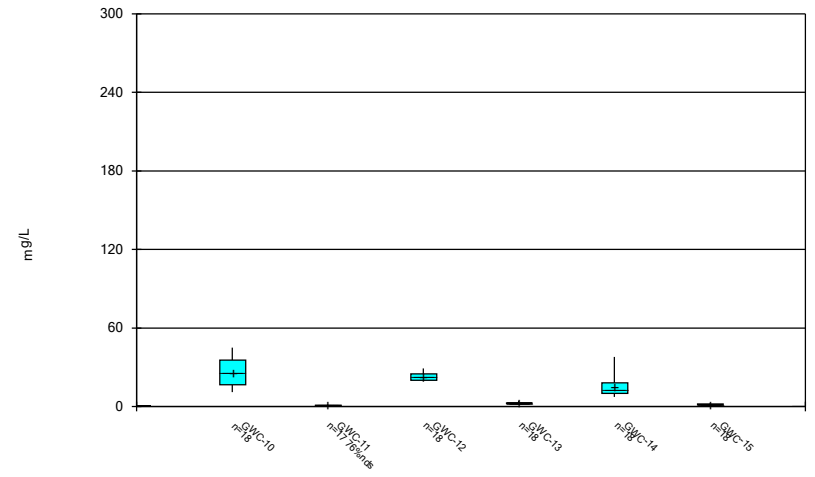


Box & Whiskers Plot



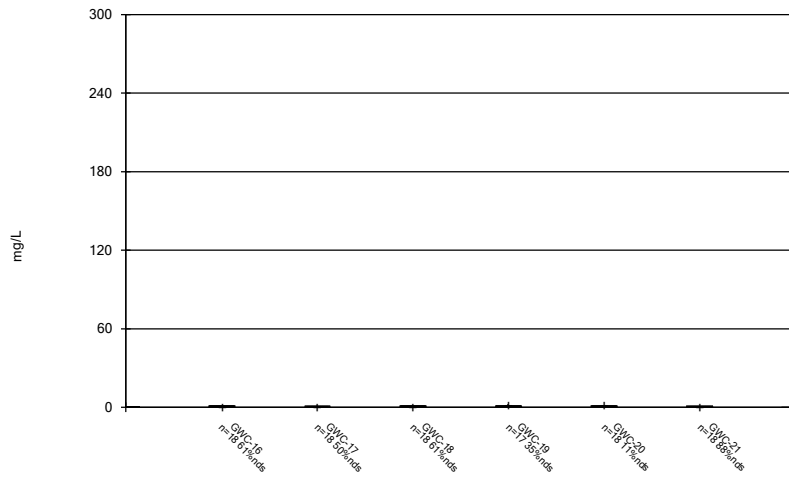
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



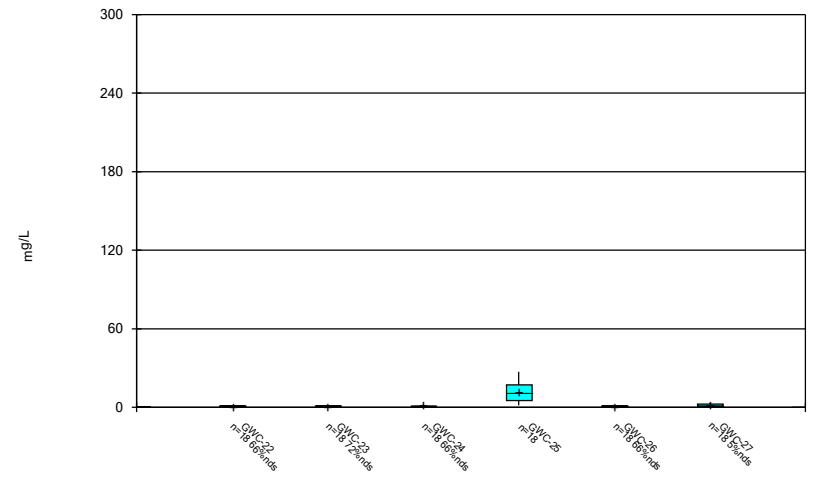
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



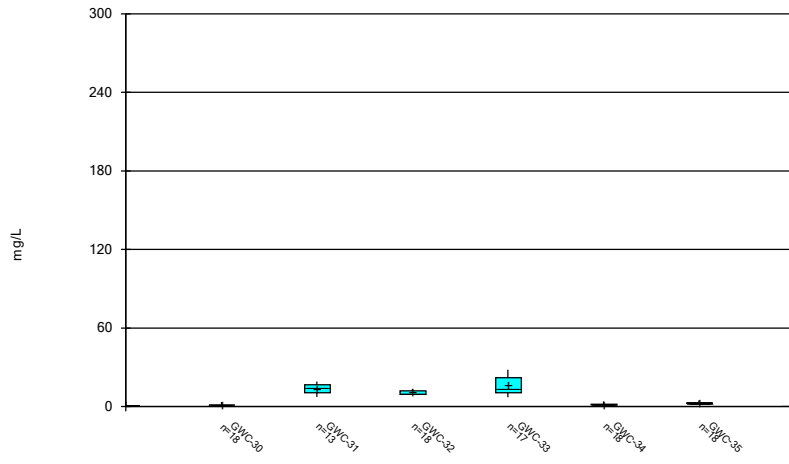
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Box & Whiskers Plot



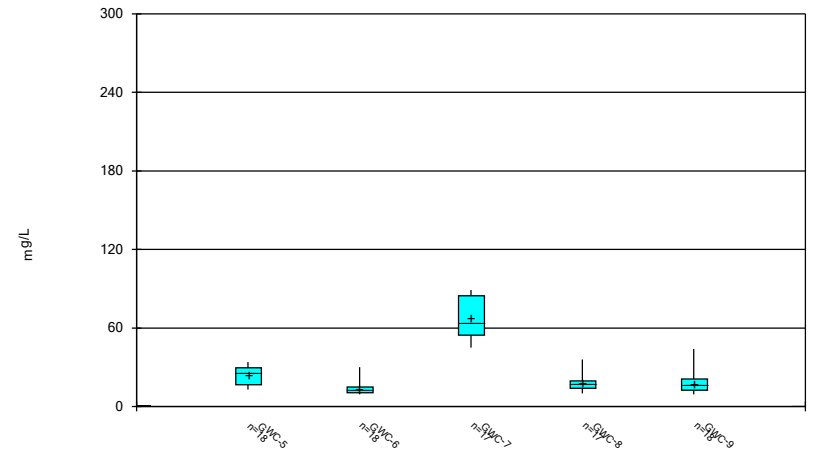
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Box & Whiskers Plot



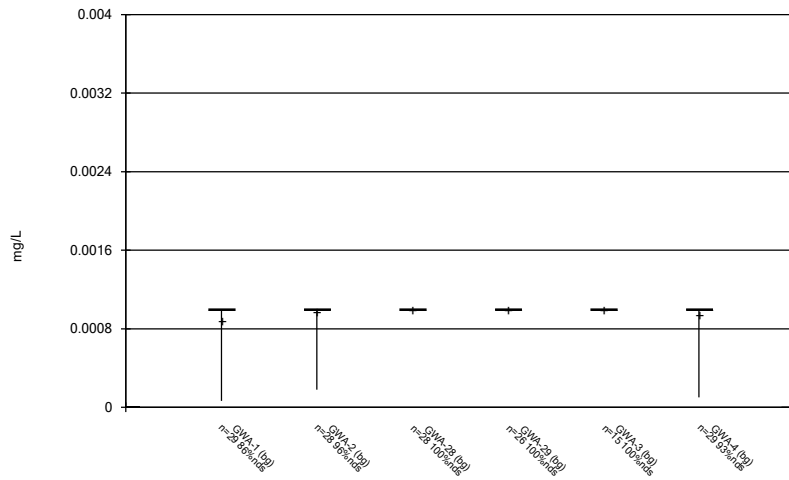
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Box & Whiskers Plot



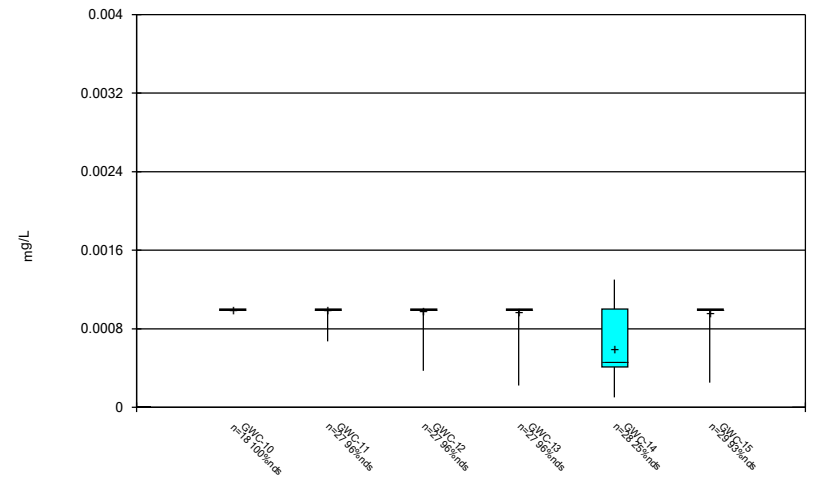
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Box & Whiskers Plot



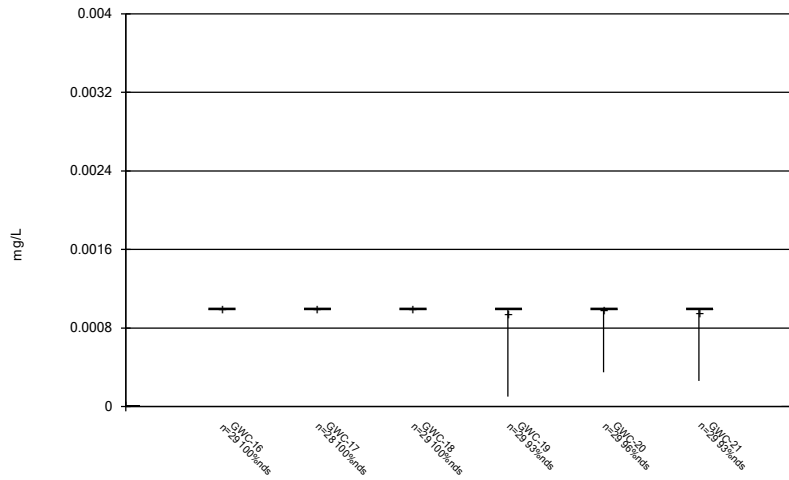
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Box & Whiskers Plot



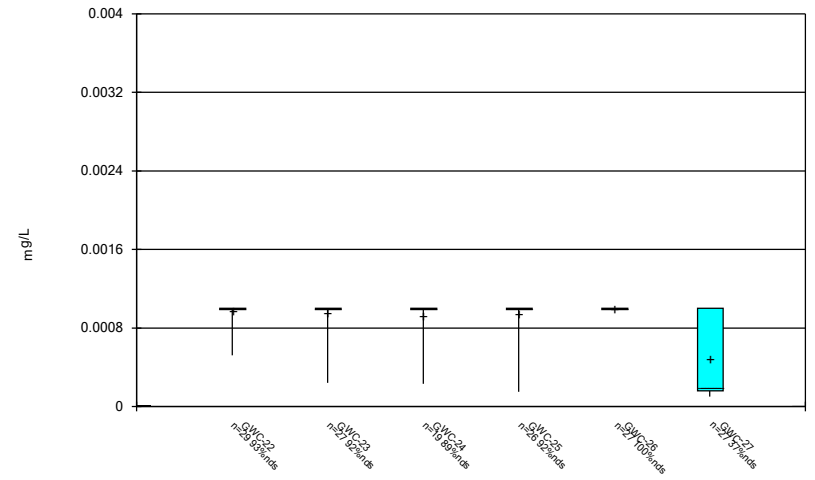
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Box & Whiskers Plot



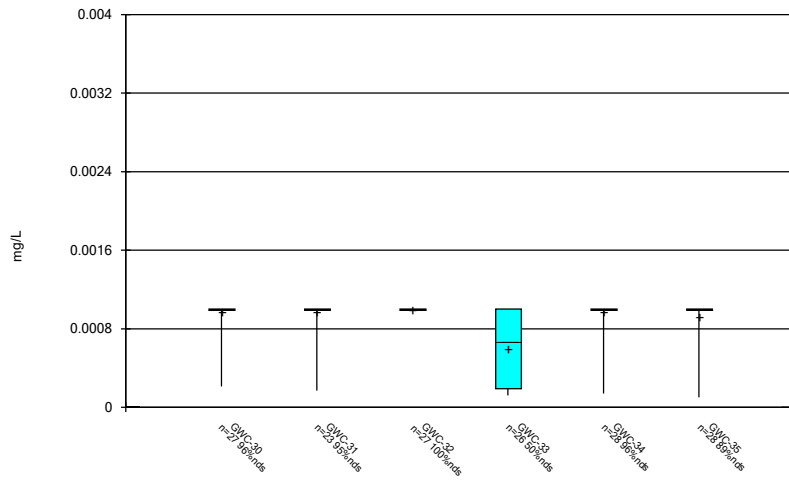
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Box & Whiskers Plot



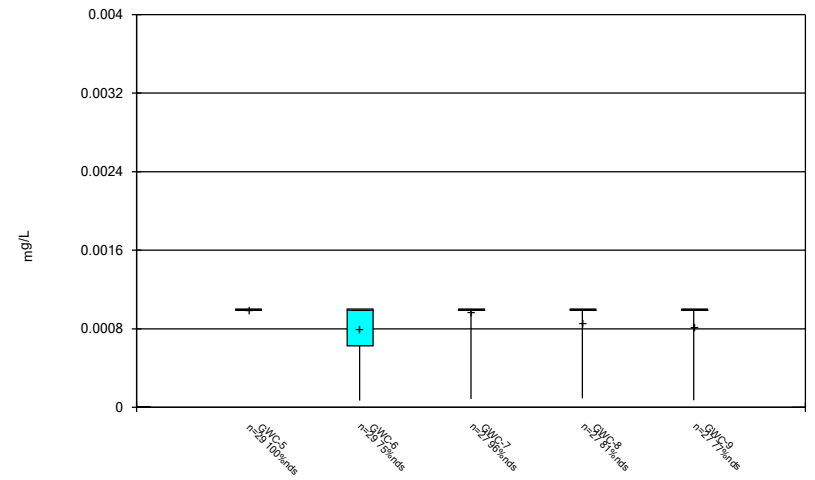
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Box & Whiskers Plot



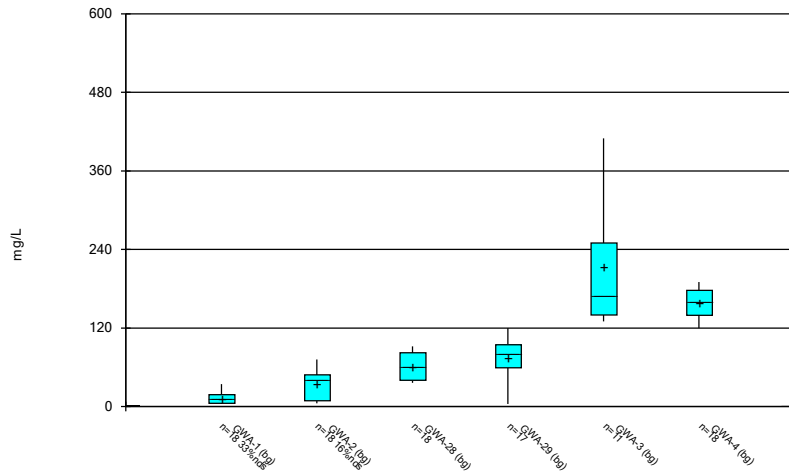
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Box & Whiskers Plot



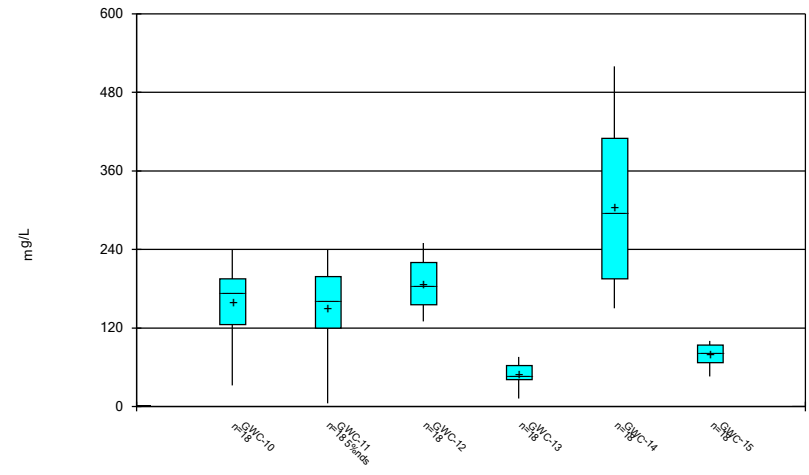
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



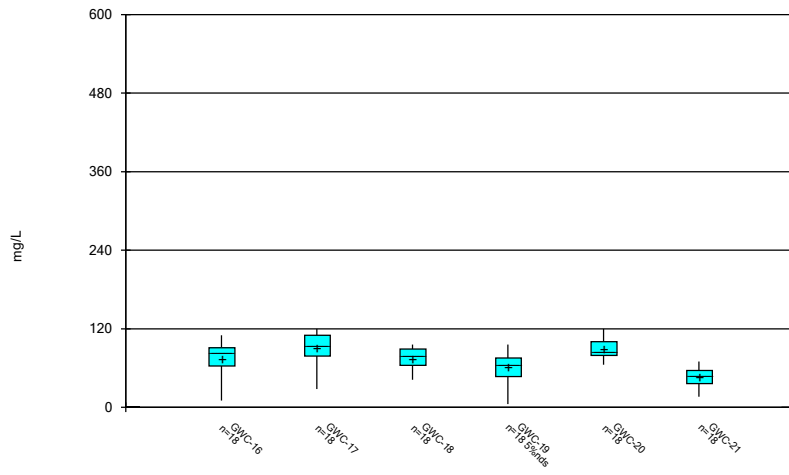
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### Box & Whiskers Plot



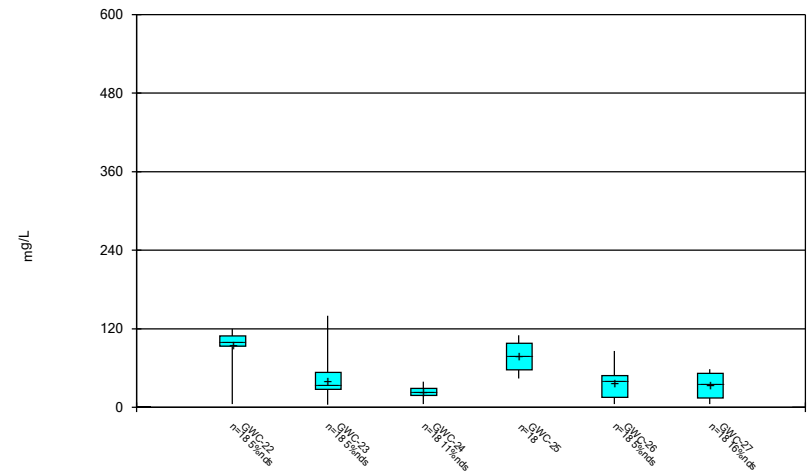
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### Box & Whiskers Plot



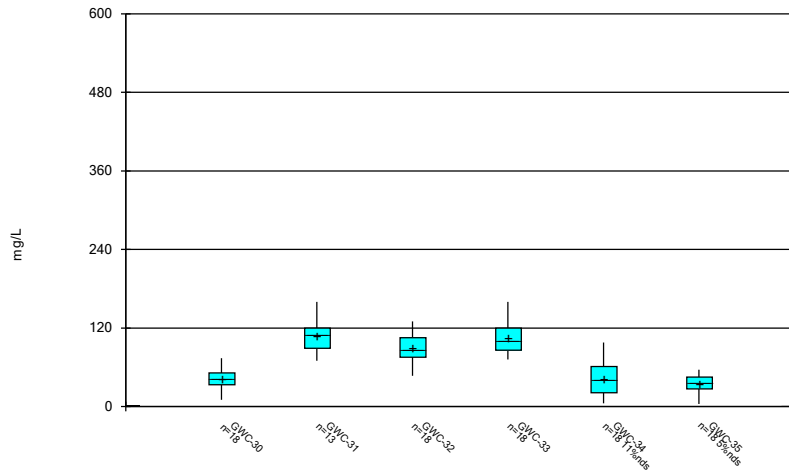
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### Box & Whiskers Plot



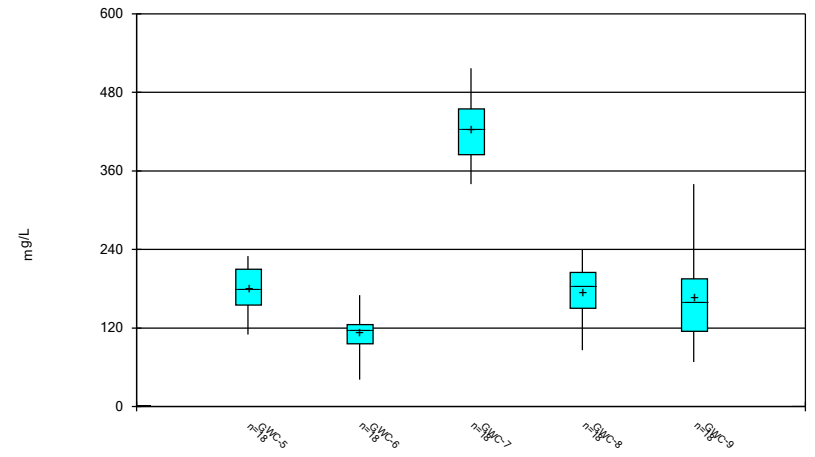
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Box & Whiskers Plot



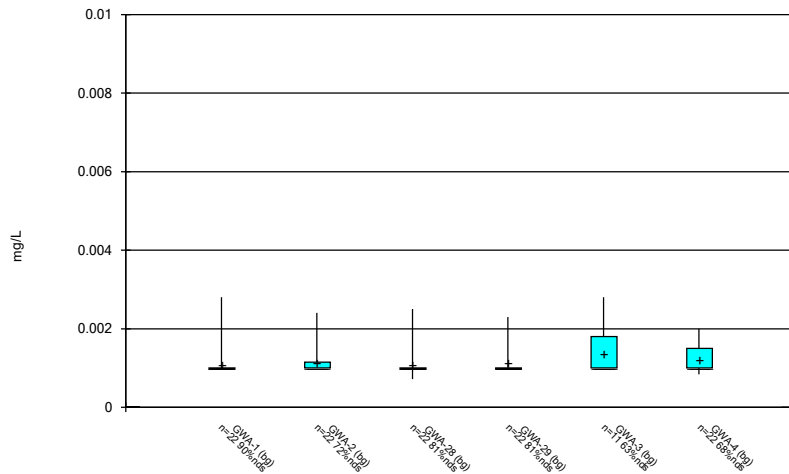
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Box & Whiskers Plot



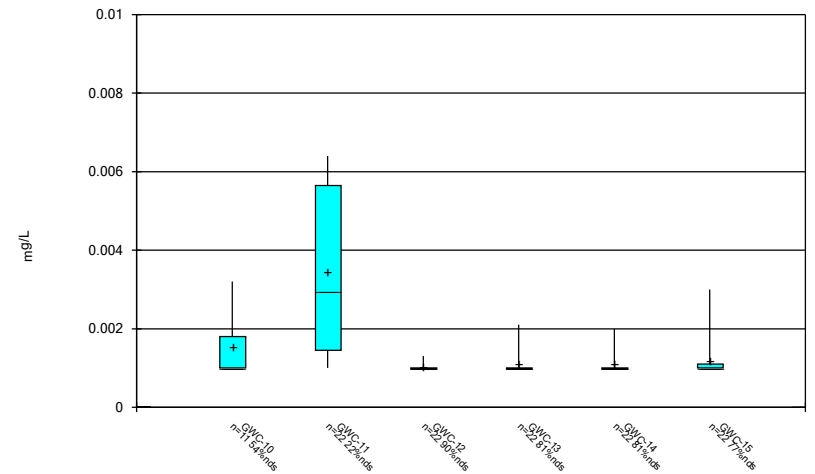
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Box & Whiskers Plot



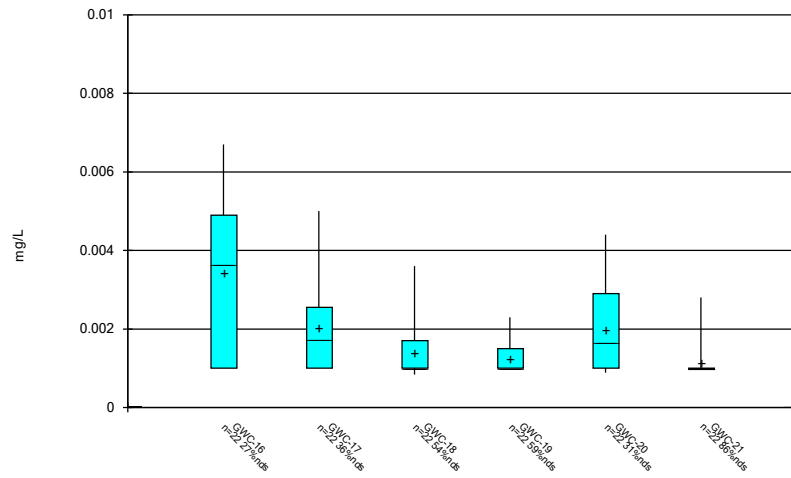
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Box & Whiskers Plot



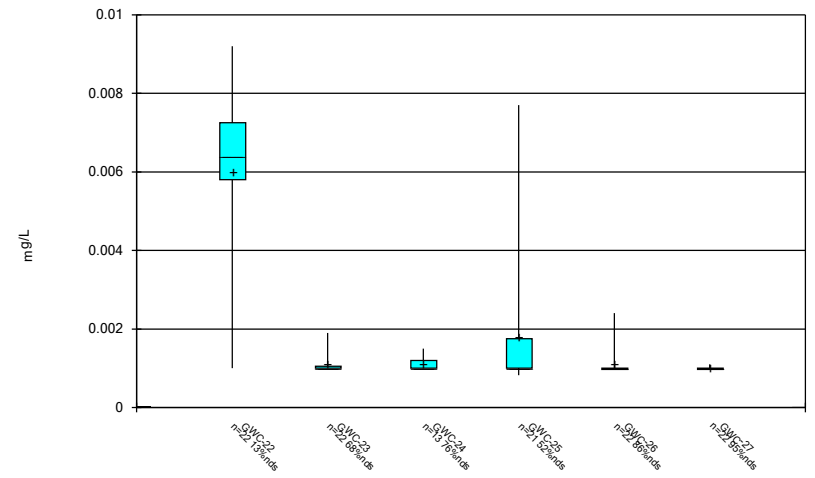
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### Box & Whiskers Plot



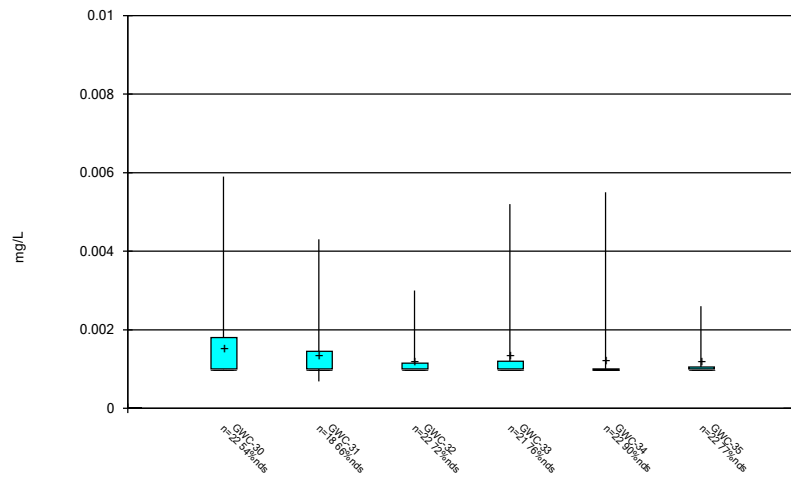
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### Box & Whiskers Plot



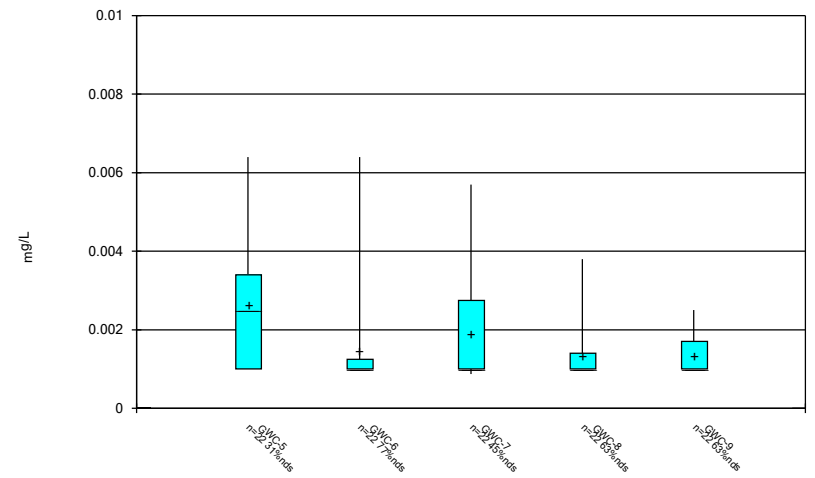
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### Box & Whiskers Plot



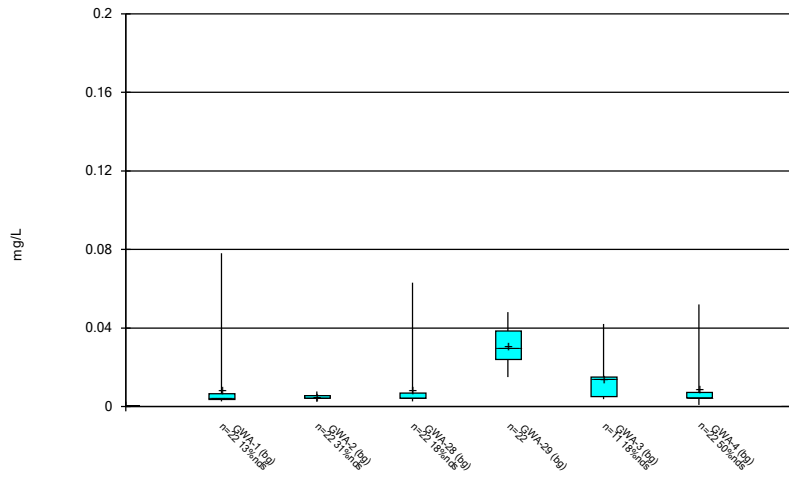
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



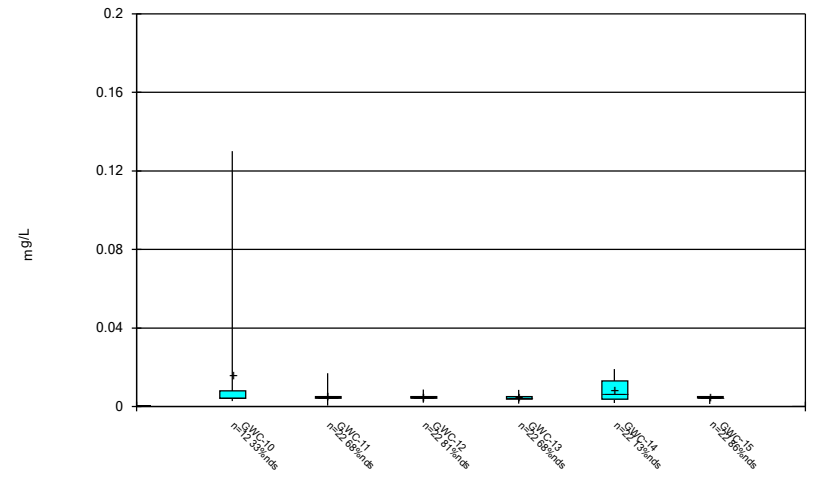
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 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Box & Whiskers Plot



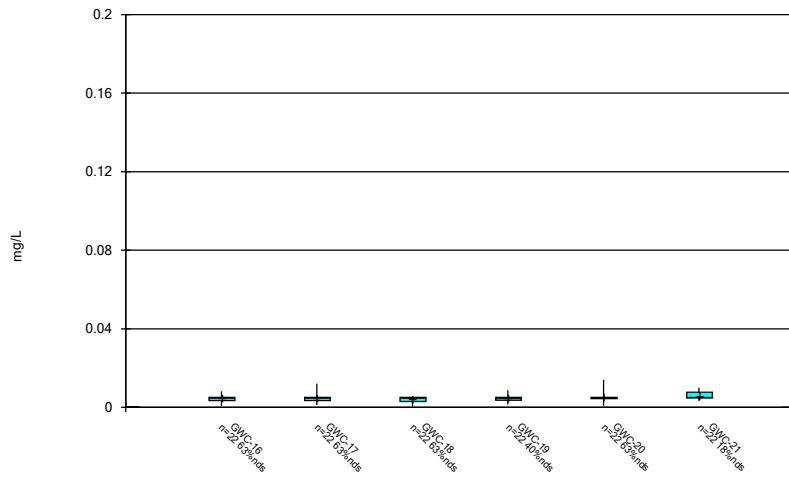
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### Box & Whiskers Plot



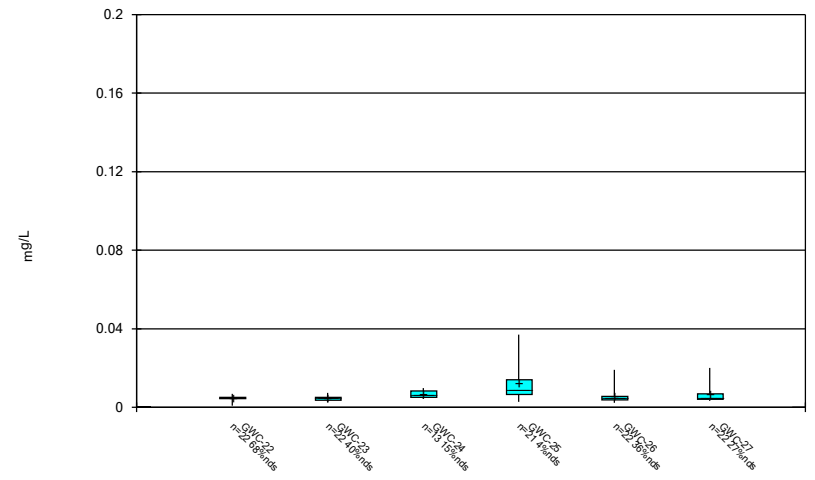
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### Box & Whiskers Plot



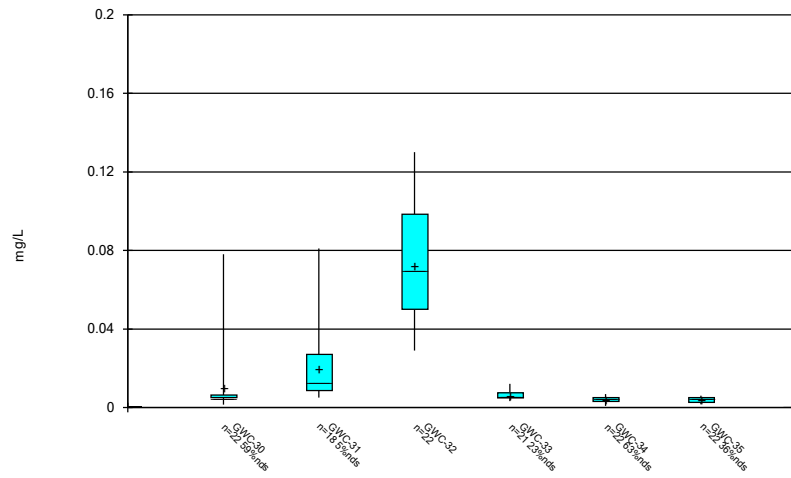
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### Box & Whiskers Plot



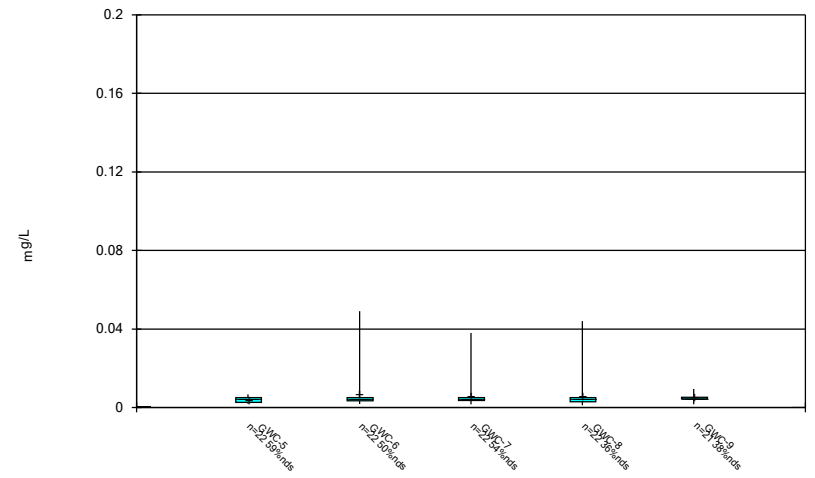
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### Box & Whiskers Plot



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















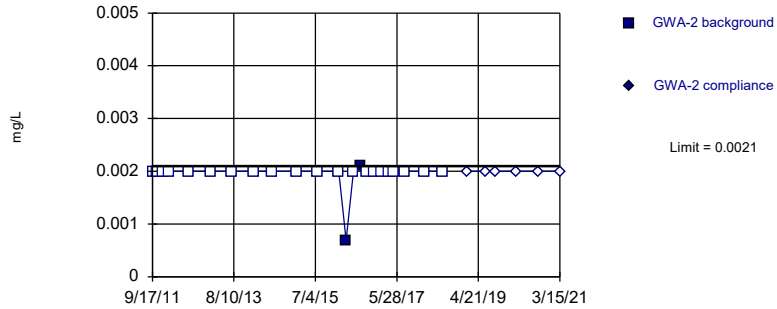
# Appendix I - IntraWell Prediction Limits - All Results

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	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	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	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	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	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	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	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	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	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	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	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	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	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	40	Kaplan-Meier	No	0.0001135	Param Intra 1 of 3
<b>Zinc (mg/L)</b>	<b>GWA-4</b>	<b>0.014</b>	<b>n/a</b>	<b>3/15/2021</b>	<b>0.044</b>	<b>Yes</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>	<b>56.25</b>	<b>n/a</b>	<b>n/a</b>	<b>0.001026</b>	<b>NP Intra (NDs) 1 of 3</b>
Zinc (mg/L)	GWC-10	0.02	n/a	3/18/2021	0.004J	No	5	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	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	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	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
<b>Zinc (mg/L)</b>	<b>GWC-14</b>	<b>0.01302</b>	<b>n/a</b>	<b>3/17/2021</b>	<b>0.014</b>	<b>Yes</b>	<b>16</b>	<b>0.0662</b>	<b>0.02159</b>	<b>18.75</b>	<b>Kaplan-Meier</b>	<b>sqrt(x)</b>	<b>0.0001135</b>	<b>Param Intra 1 of 3</b>
Zinc (mg/L)	GWC-15	0.005	n/a	3/18/2021	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	3/17/2021	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	3/16/2021	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	3/16/2021	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	3/17/2021	0.0056	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	3/16/2021	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	0.01217	n/a	3/16/2021	0.0033J	No	16	0.1885	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	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	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	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	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	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	25	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
<b>Zinc (mg/L)</b>	<b>GWC-30</b>	<b>0.009</b>	<b>n/a</b>	<b>3/18/2021</b>	<b>0.078</b>	<b>Yes</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>	<b>62.5</b>	<b>n/a</b>	<b>n/a</b>	<b>0.001026</b>	<b>NP Intra (NDs) 1 of 3</b>
Zinc (mg/L)	GWC-31	0.03796	n/a	3/16/2021	0.014	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	3/17/2021	0.081	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	3/18/2021	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	3/16/2021	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	3/16/2021	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	3/17/2021	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	3/17/2021	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-7	0.01	n/a	3/16/2021	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	3/16/2021	0.0045J	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	3/16/2021	0.0048J	No	15	0.003756	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

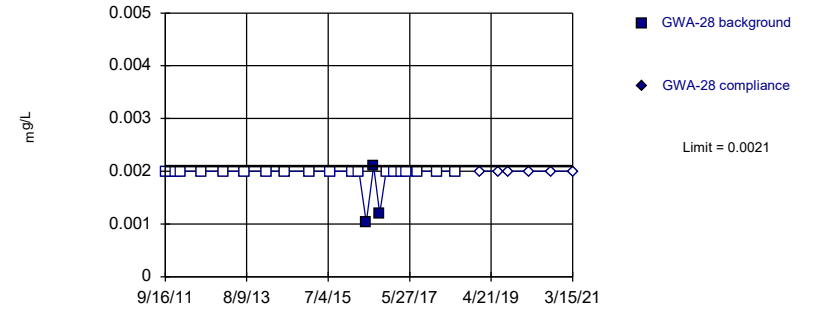


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

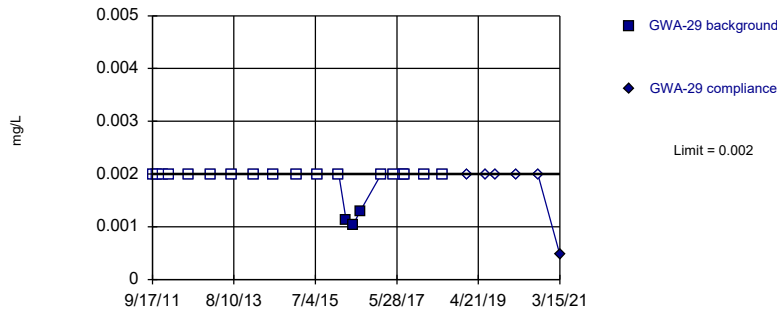


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

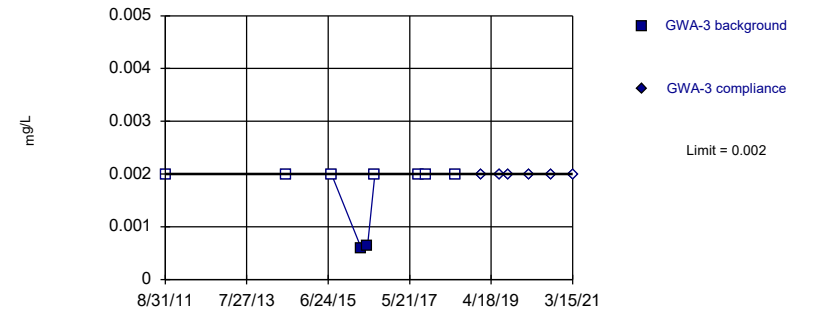


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

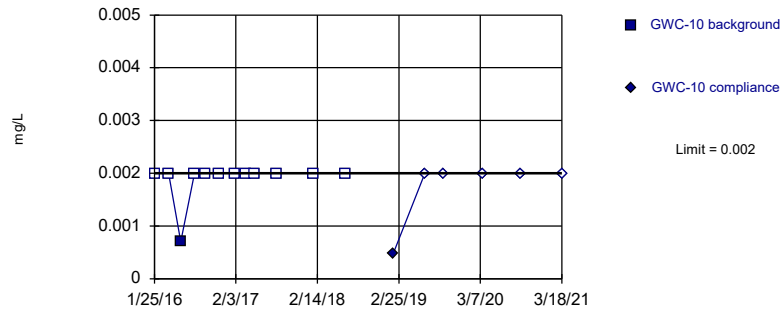


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

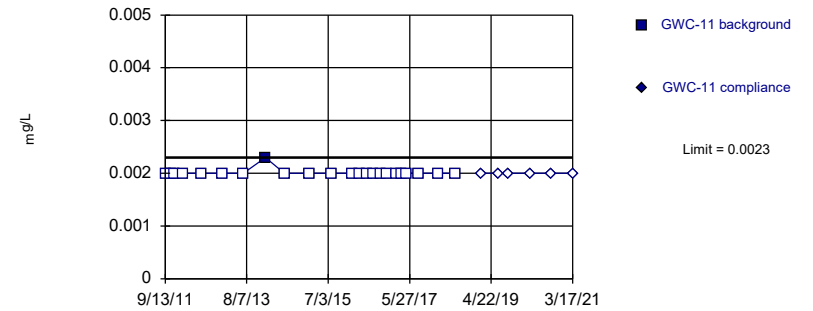


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

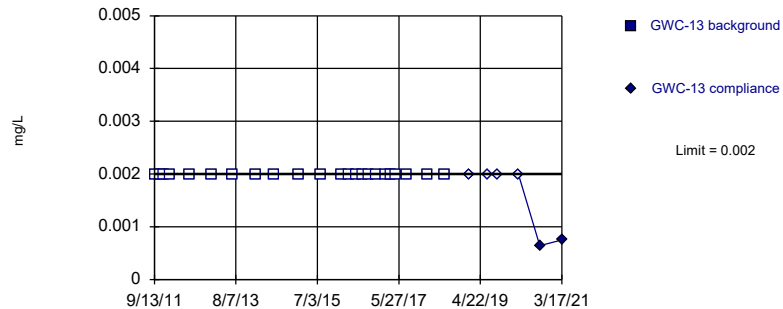


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

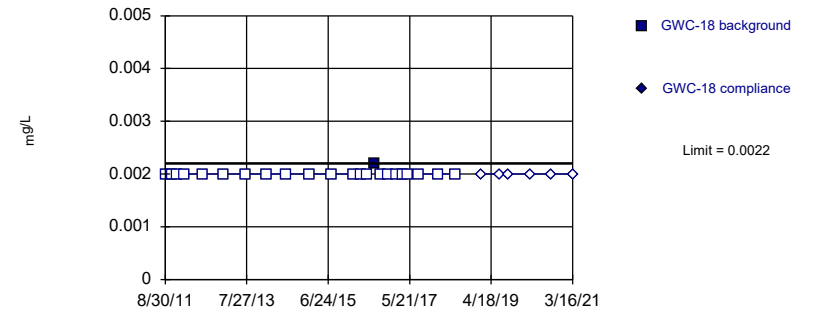


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



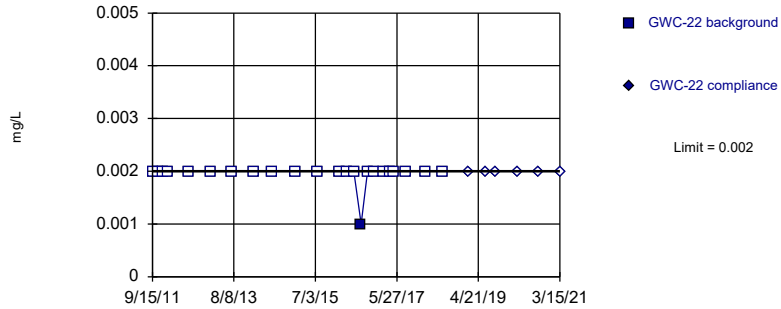
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

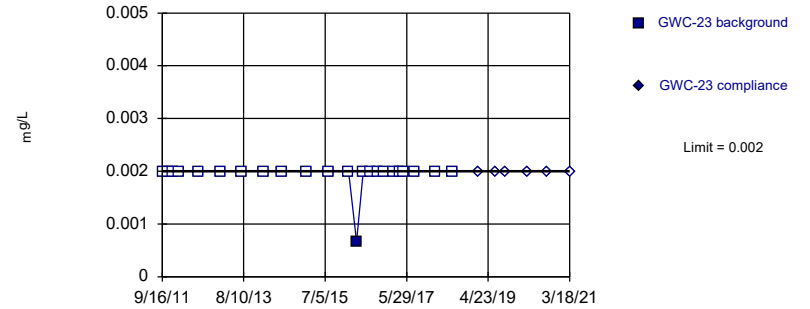


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

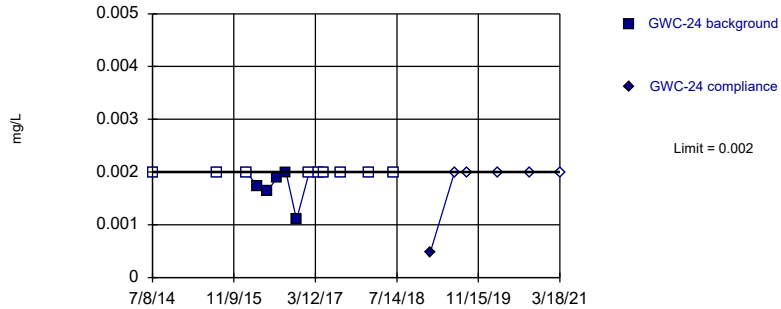


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

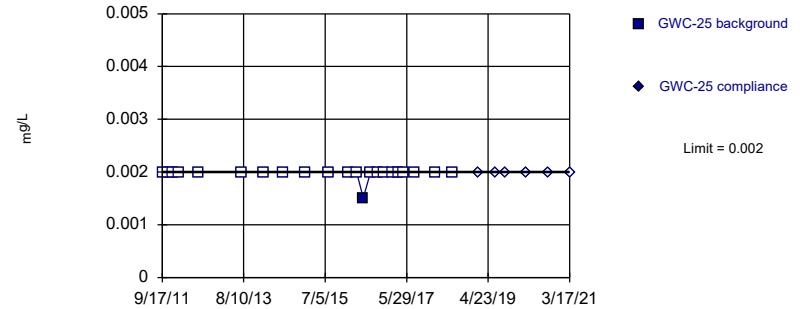


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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

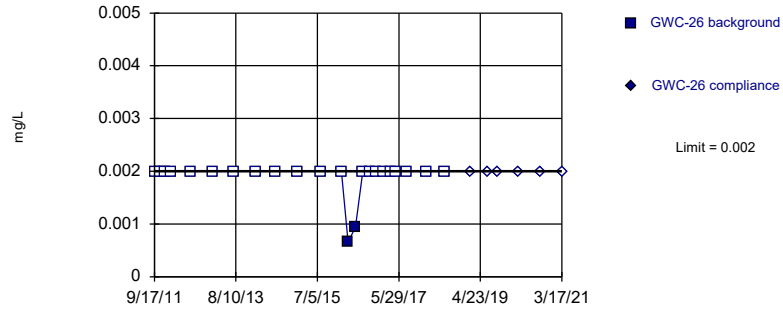


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

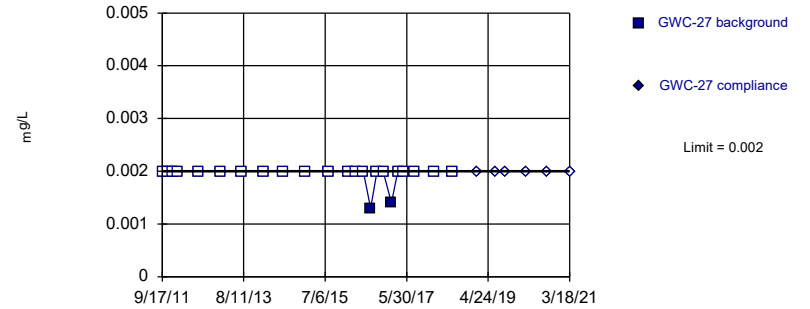


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

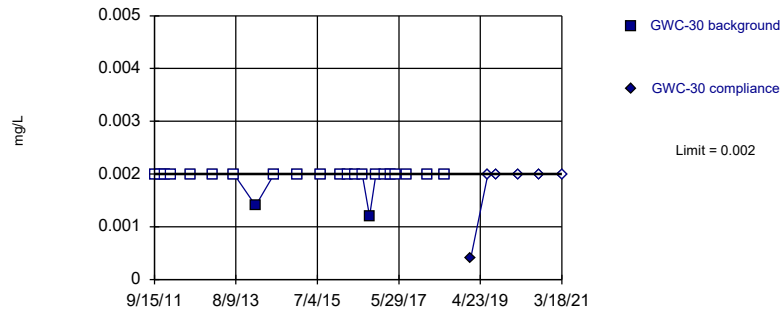


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

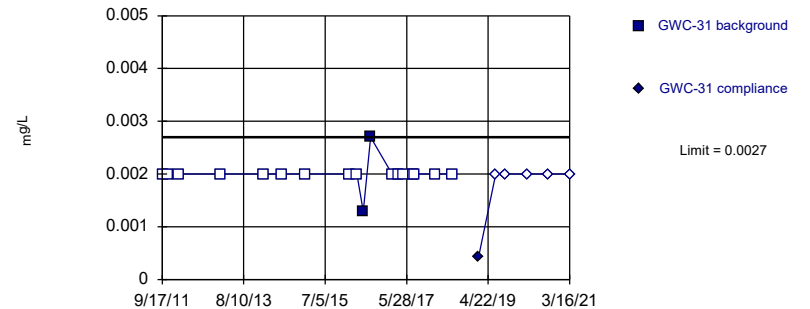


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

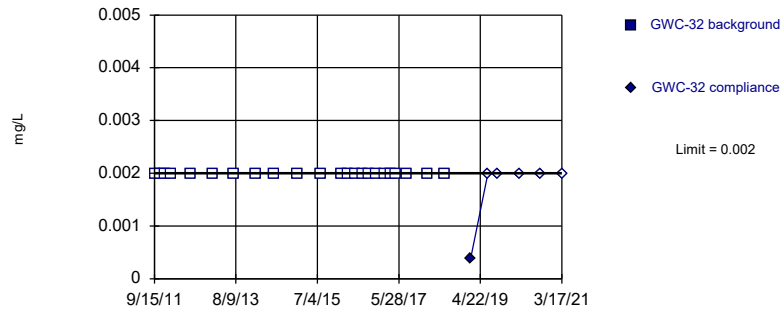


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

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

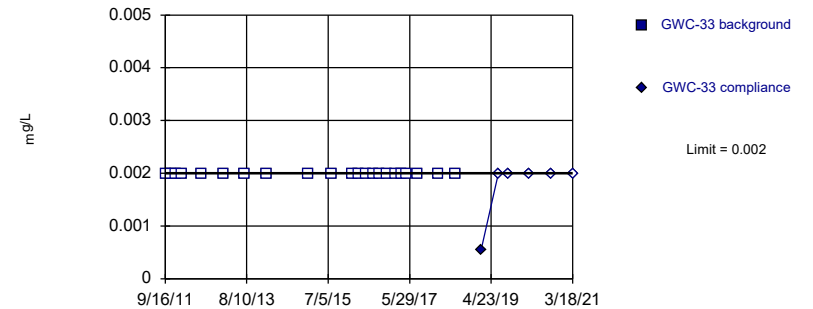


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

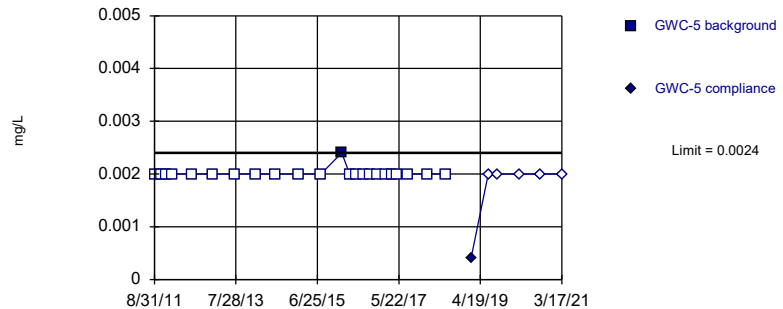


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

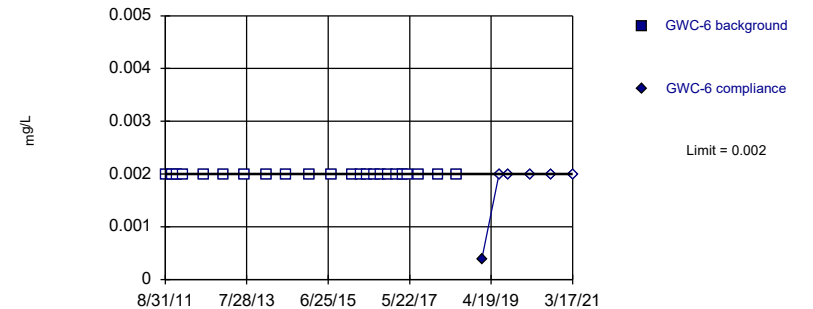


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

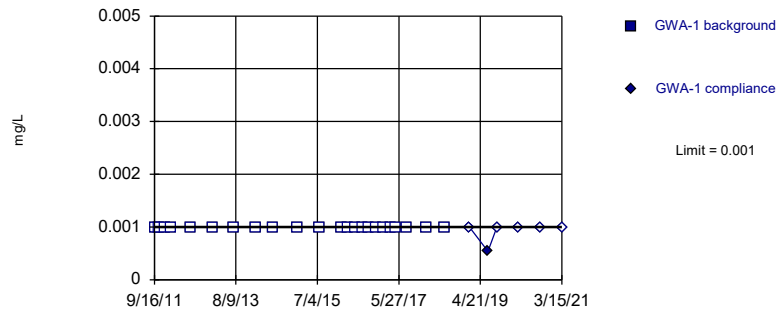


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

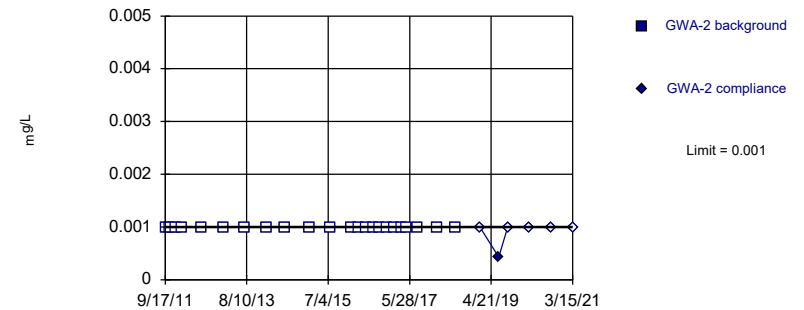


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

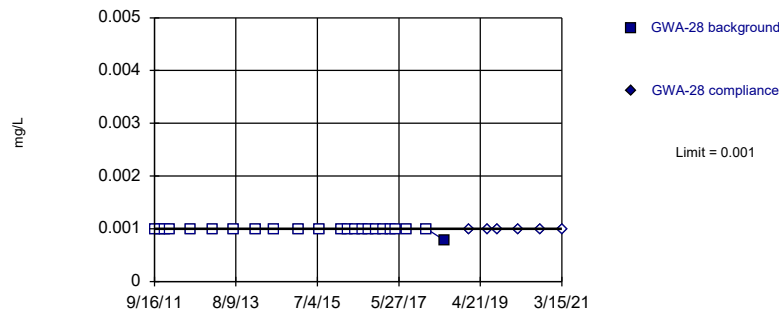


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

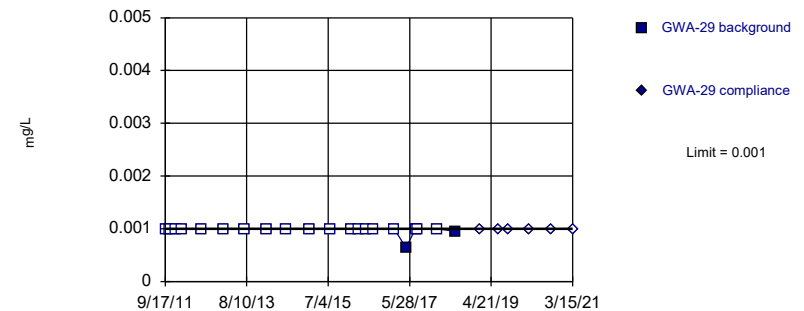


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

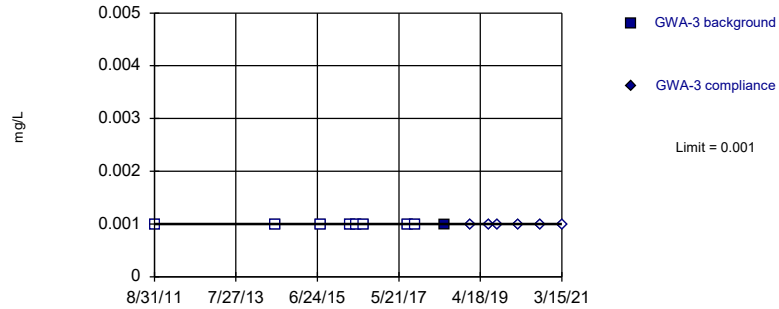


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

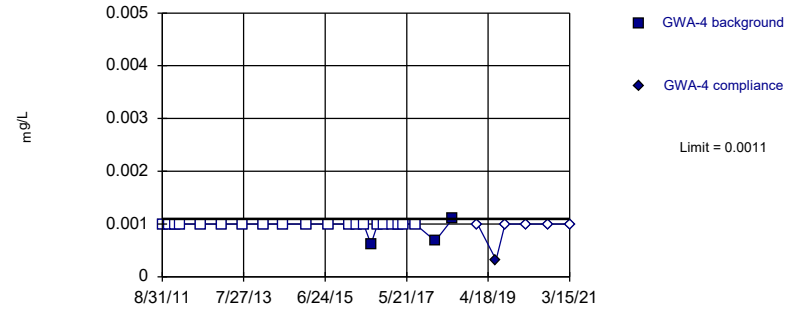


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

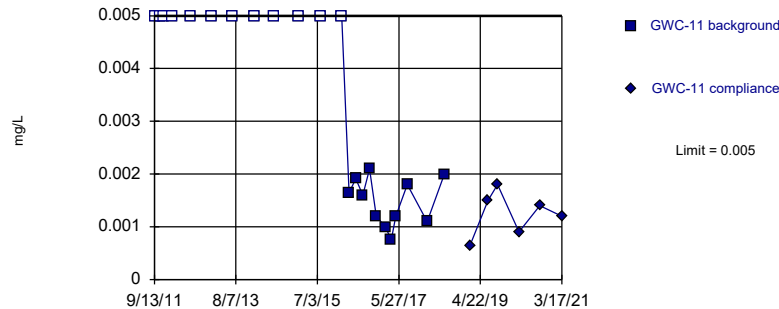


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

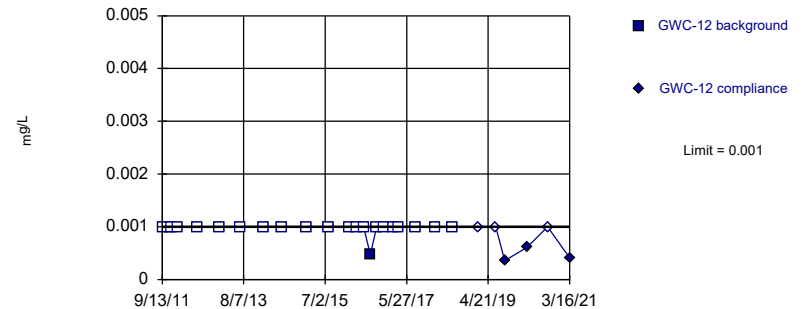


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

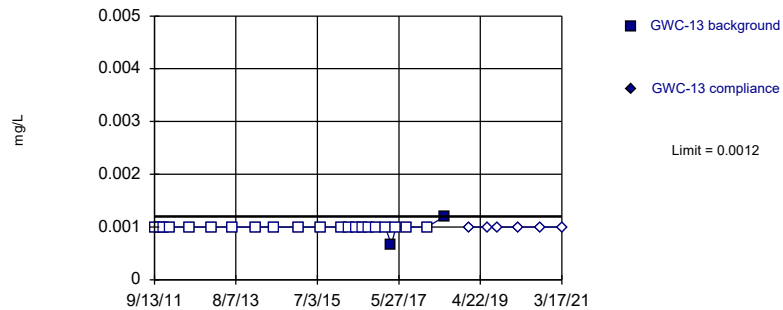


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

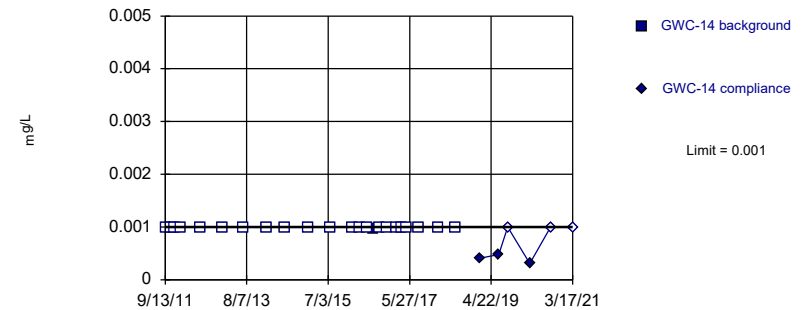


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

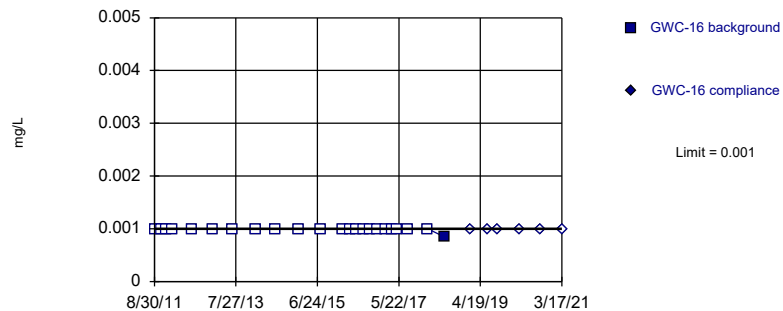


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

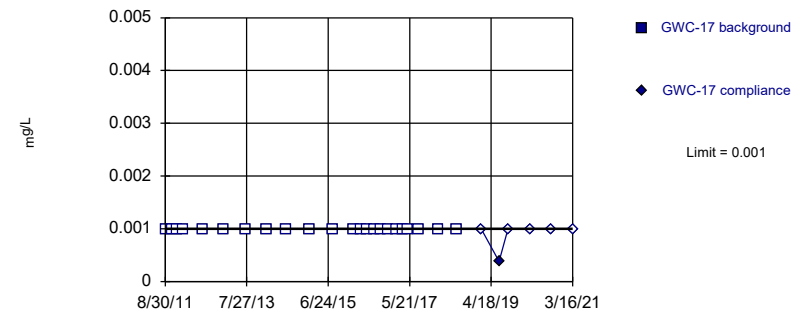


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

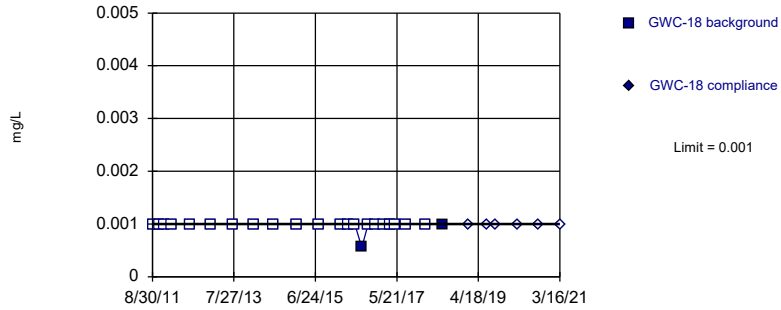


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

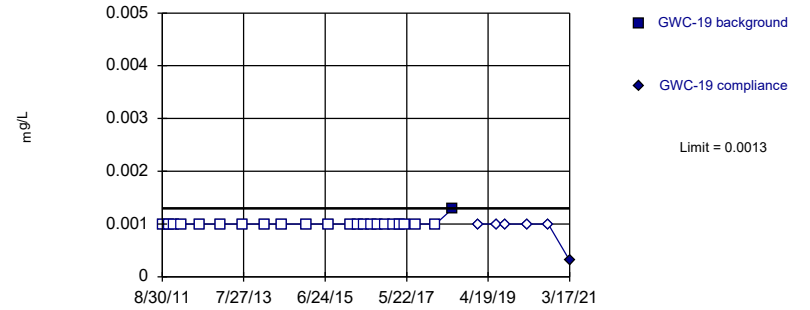


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

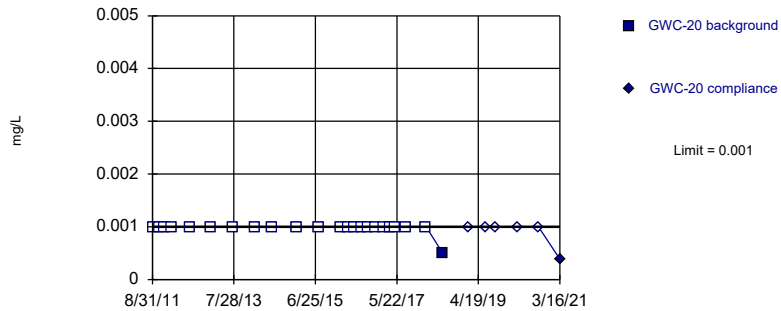


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

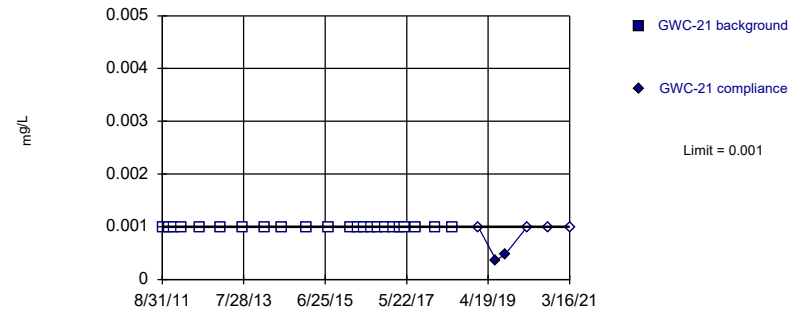


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

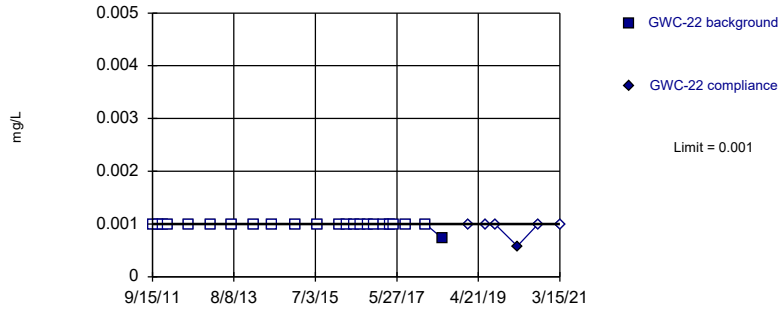


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

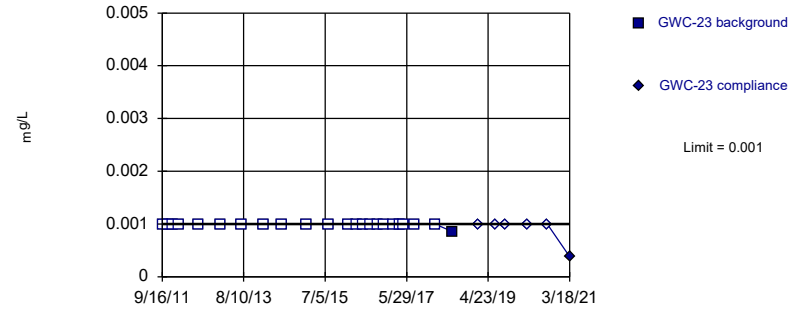


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

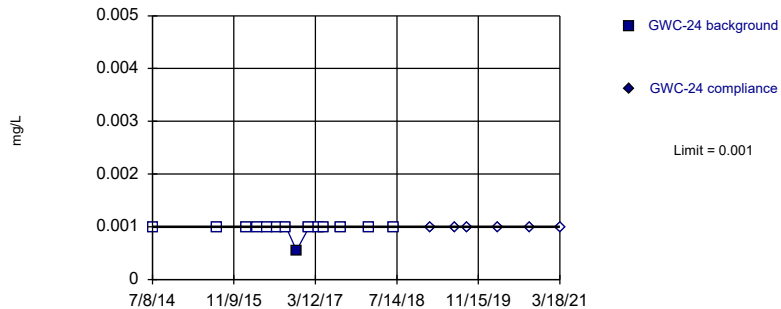


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

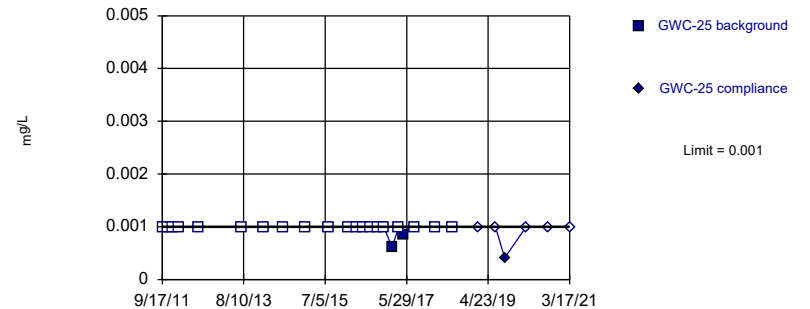


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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



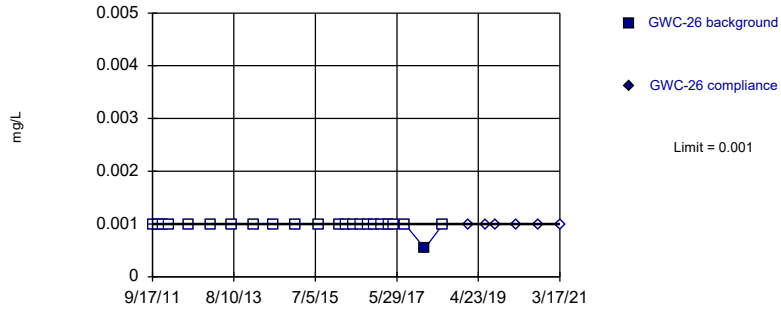
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

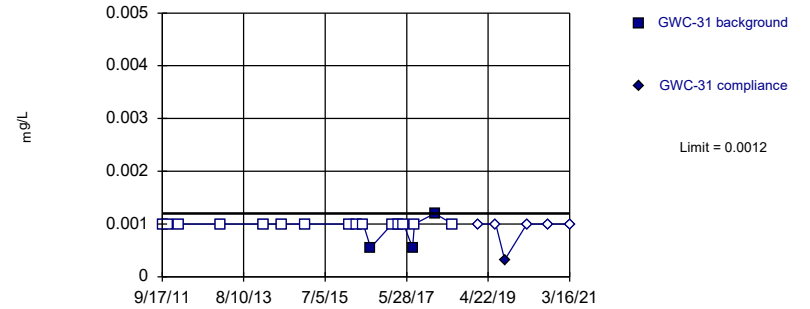


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

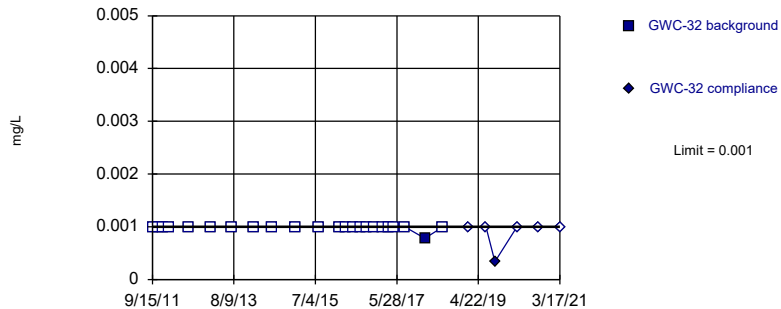


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

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

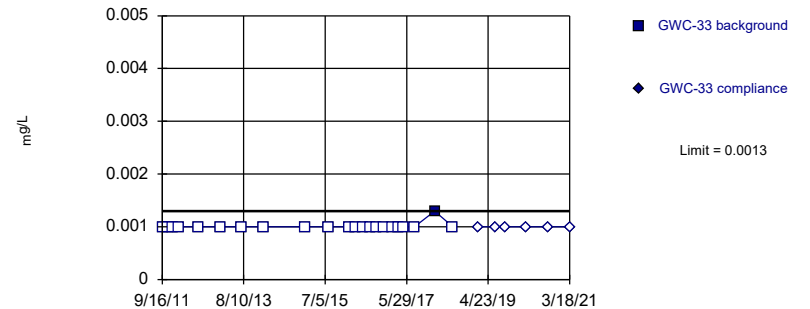


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



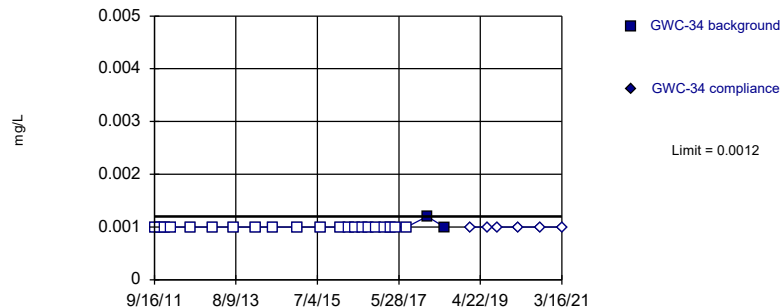
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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



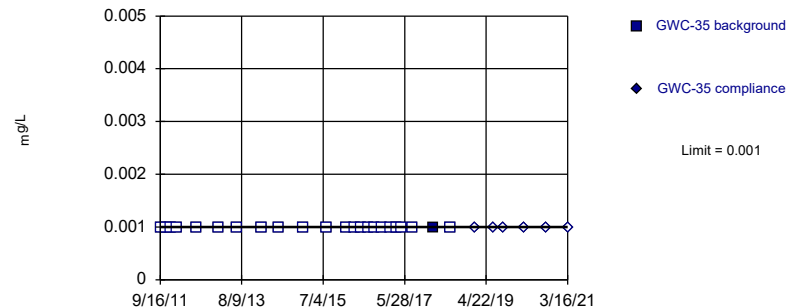
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



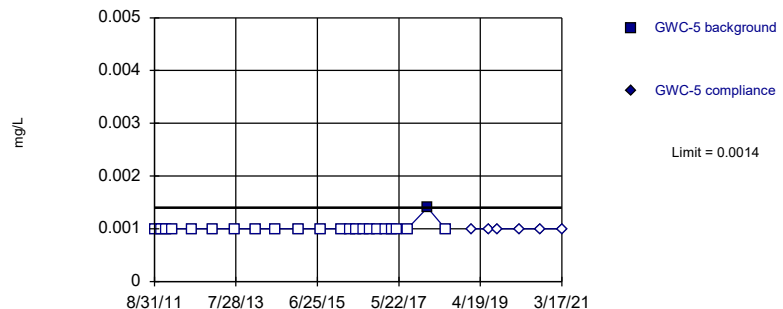
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



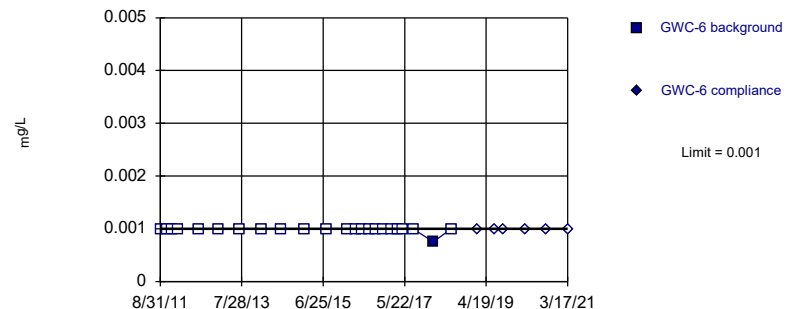
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

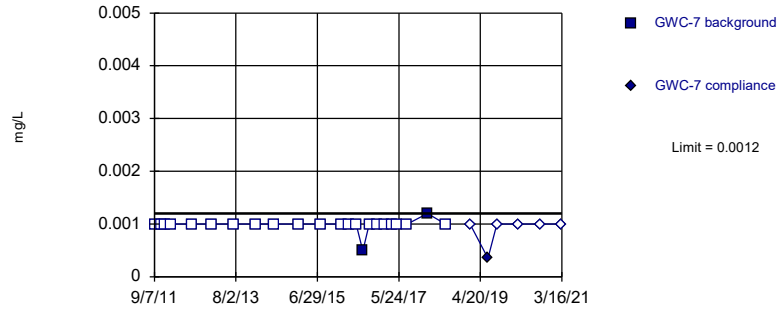


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

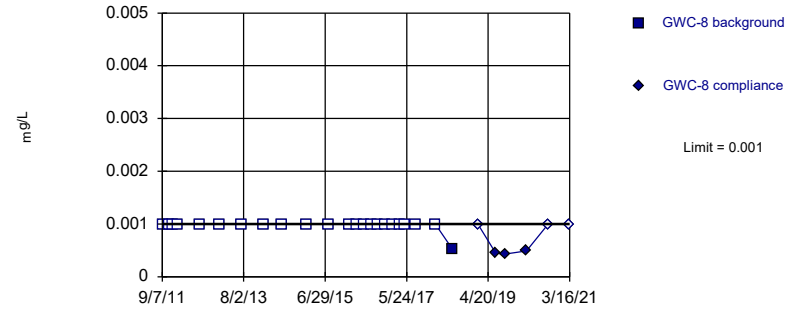


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

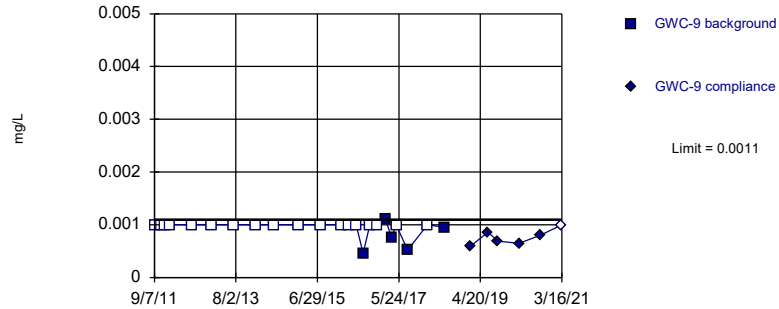


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

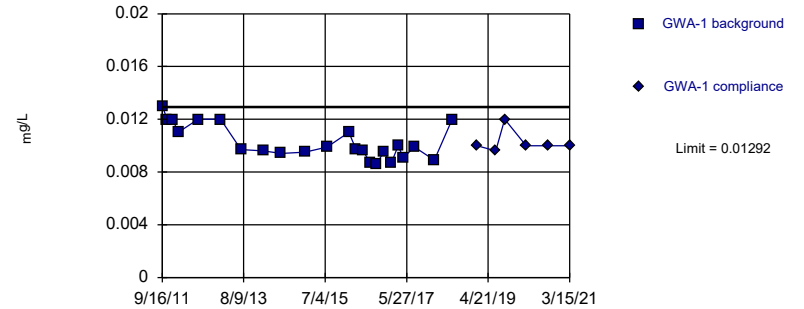


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

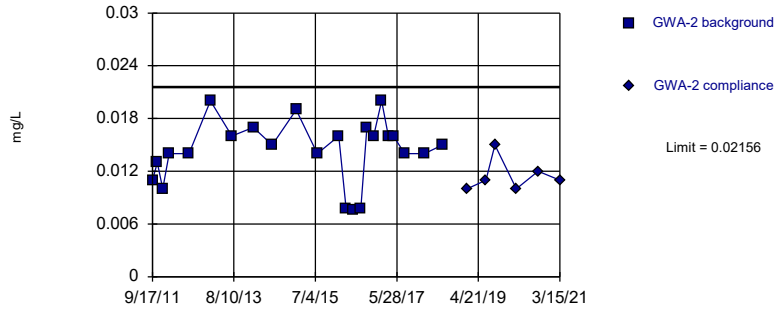


Background Data Summary: Mean=0.01025, Std. Dev.=0.001319, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8813, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



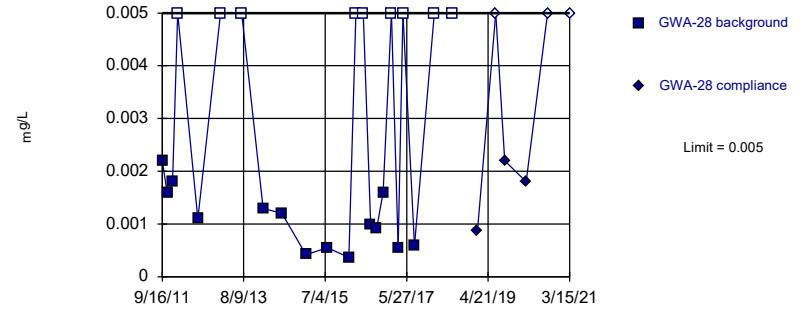
Background Data Summary: Mean=0.01435, Std. Dev.=0.003559, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



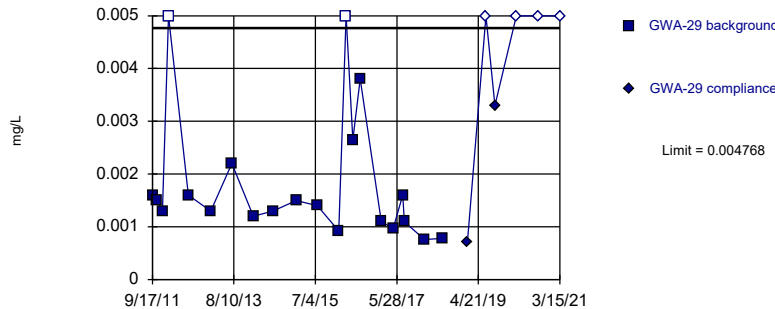
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (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

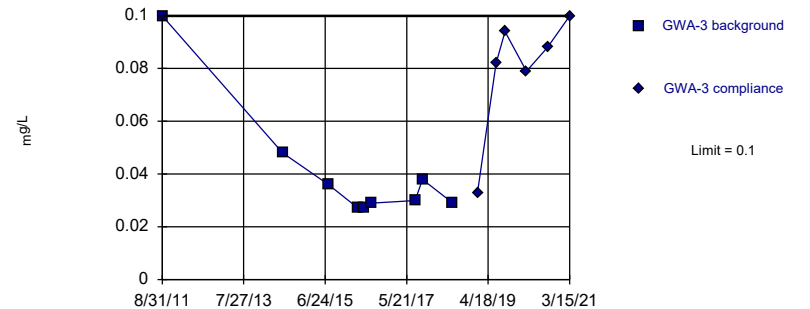


Background Data Summary (based on natural log transformation): Mean=-6.46, Std. Dev.=0.5402, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8886, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

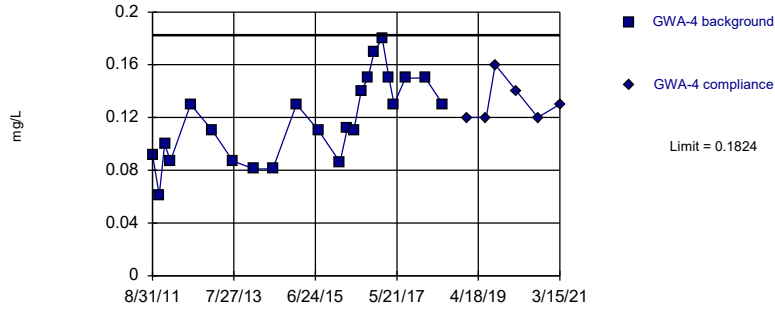


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

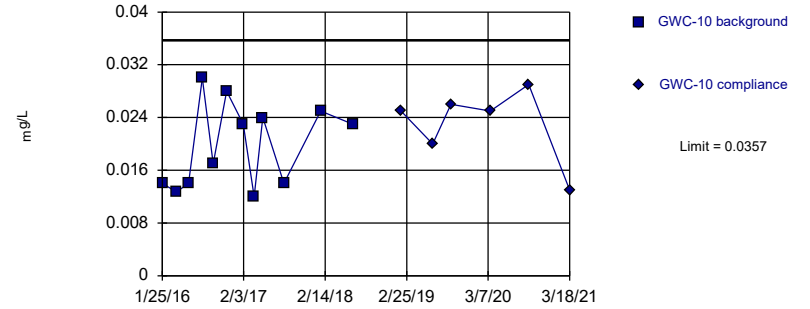


Background Data Summary: Mean=0.1186, Std. Dev.=0.03152, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

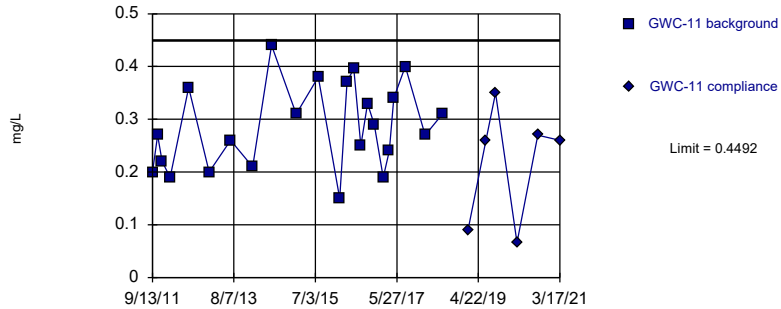


Background Data Summary: Mean=0.01973, Std. Dev.=0.006441, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

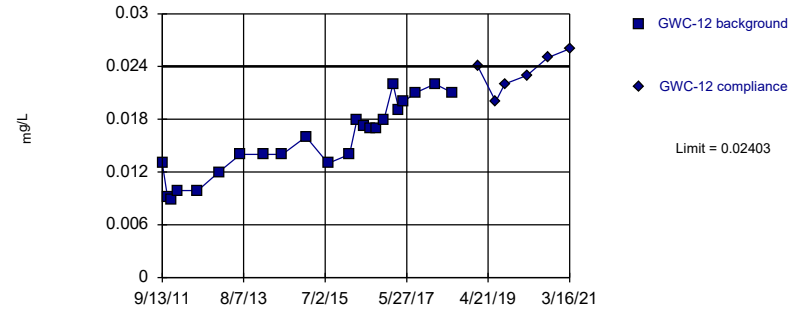


Background Data Summary: Mean=0.286, Std. Dev.=0.08062, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

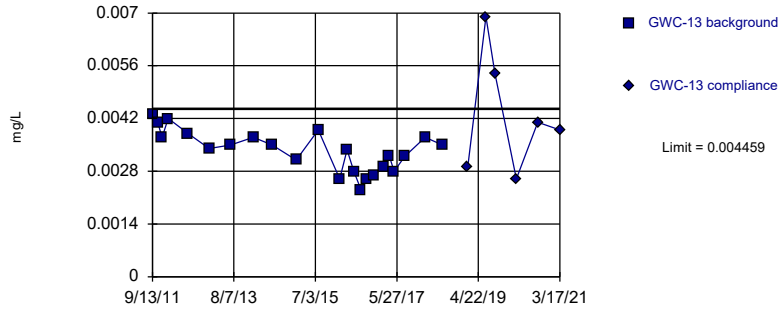


Background Data Summary: Mean=0.01566, Std. Dev.=0.004138, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



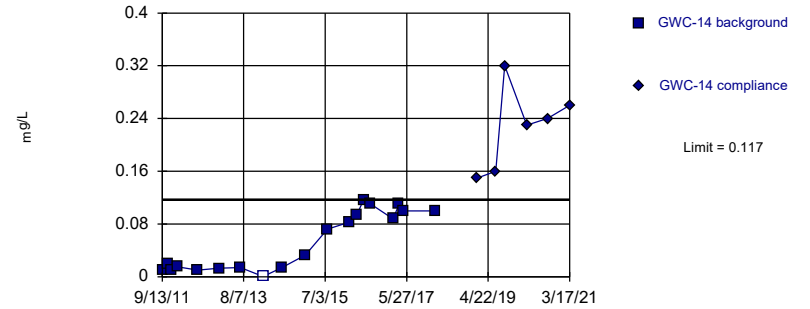
Background Data Summary: Mean=0.003342, Std. Dev.=0.0005516, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9727, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:45 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit  
Intrawell Non-parametric

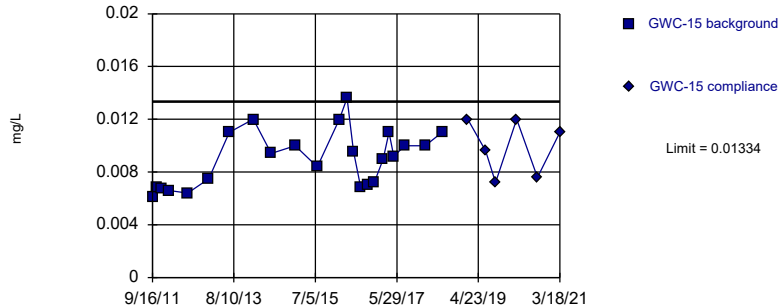


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. 5.263% NDs. Well-constituent pair annual alpha = 0.001357. Individual comparison alpha = 0.0006785 (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

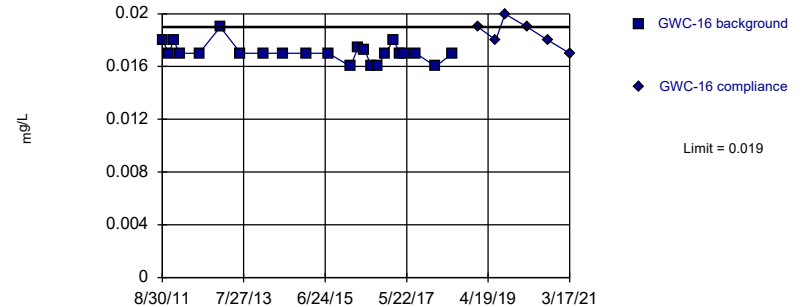


Background Data Summary: Mean=0.009012, Std. Dev.=0.002137, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9356, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

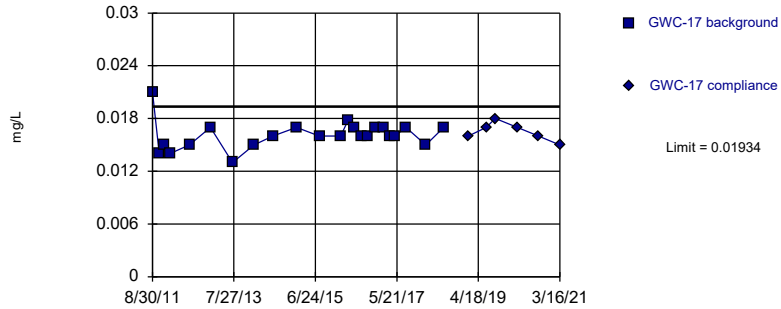


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

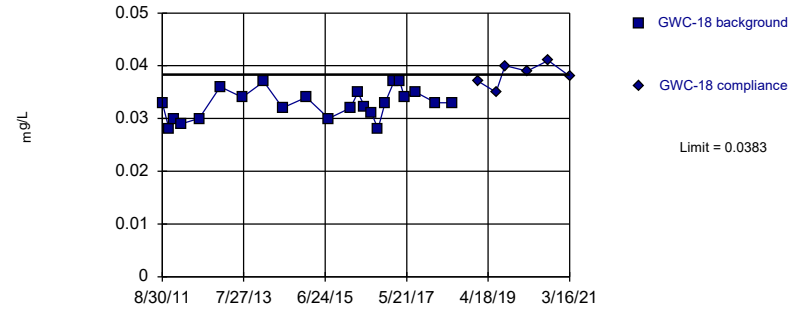


Background Data Summary: Mean=0.01612, Std. Dev.=0.001592, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8965, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



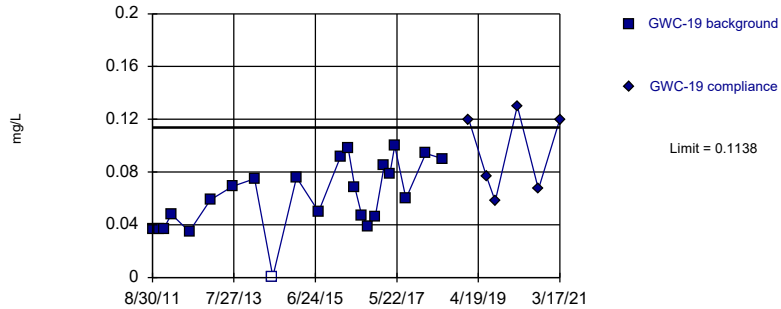
Background Data Summary: Mean=0.03275, Std. Dev.=0.002744, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

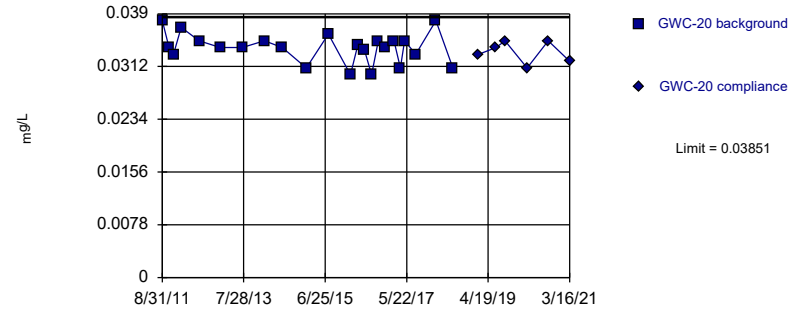


Background Data Summary: Mean=0.06187, Std. Dev.=0.02567, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

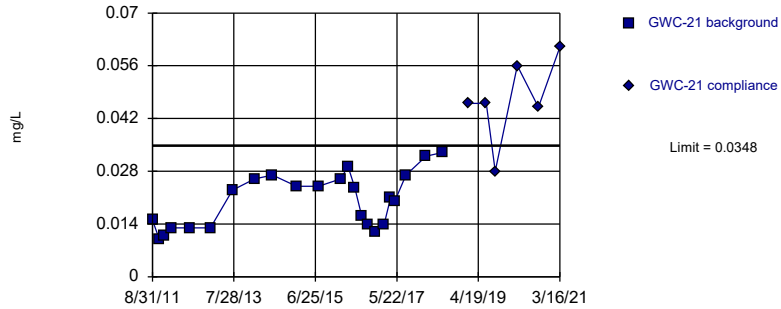


Background Data Summary: Mean=0.03396, Std. Dev.=0.002249, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

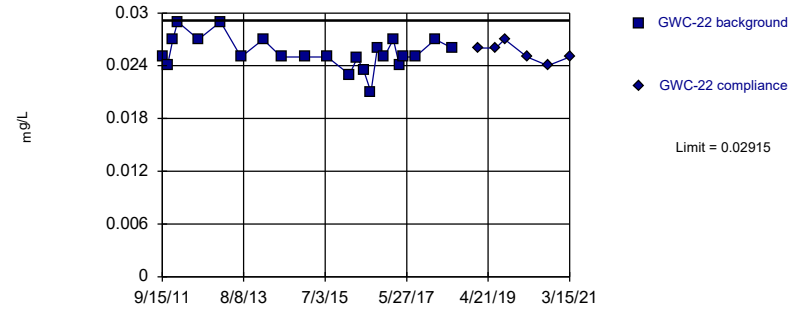


Background Data Summary: Mean=0.0203, Std. Dev.=0.007161, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9246, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

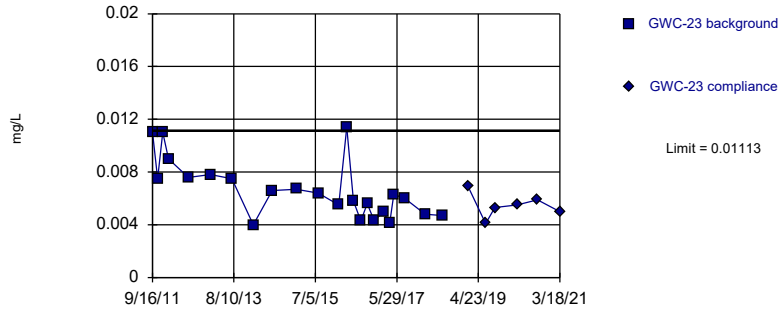


Background Data Summary: Mean=0.02545, Std. Dev.=0.001829, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

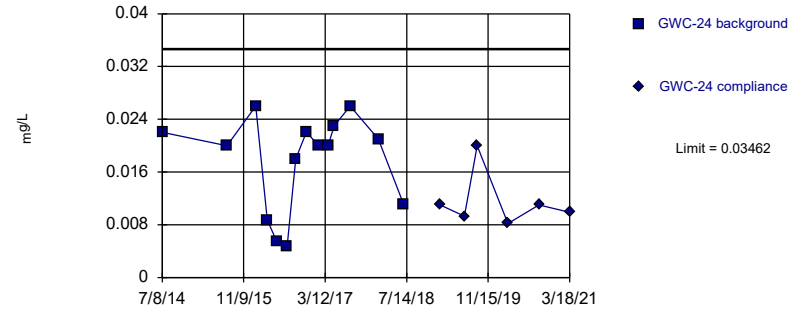


Background Data Summary: Mean=0.006647, Std. Dev.=0.002215, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



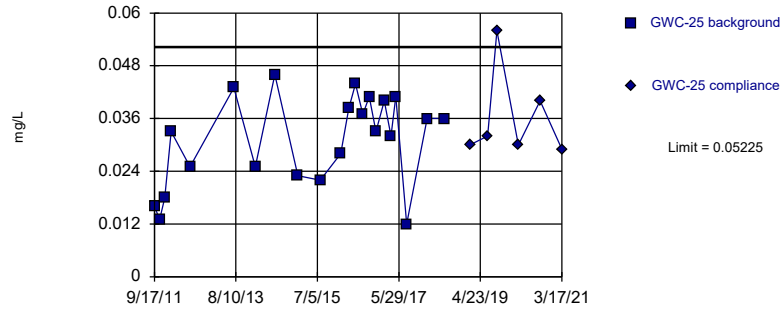
Background Data Summary: Mean=0.01771, Std. Dev.=0.0072, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8591, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

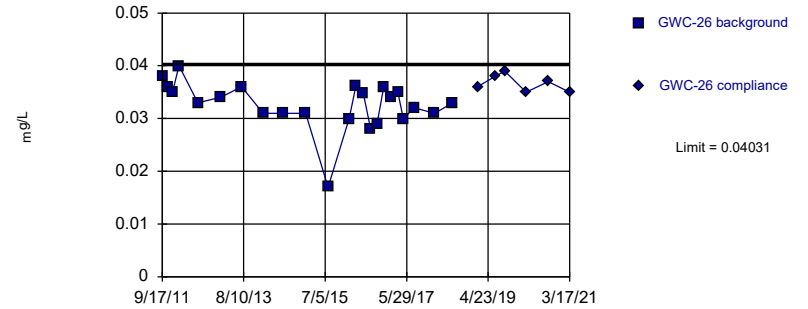


Background Data Summary: Mean=0.03101, Std. Dev.=0.0104, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9416, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

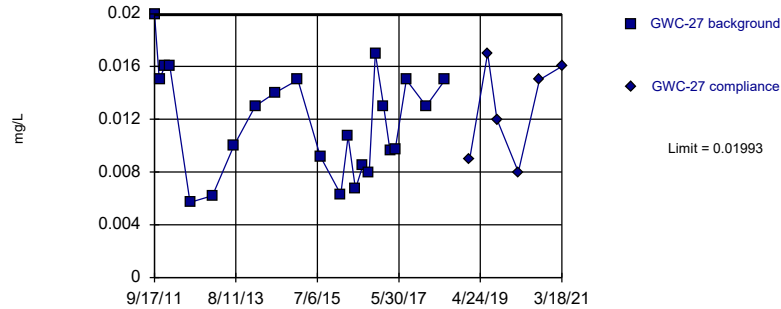


Background Data Summary (based on square transformation): Mean=0.001086, Std. Dev.=0.0002664, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9358, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

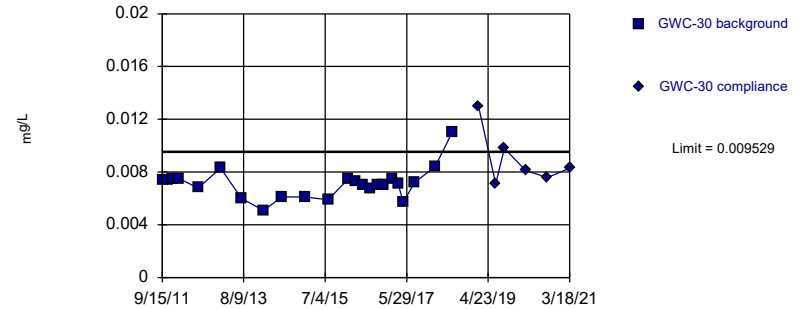


Background Data Summary: Mean=0.01185, Std. Dev.=0.003989, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



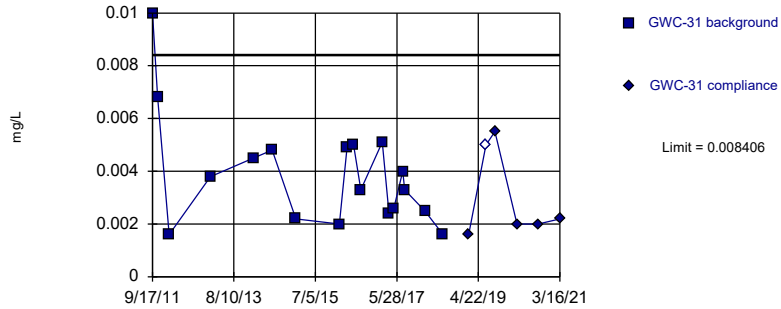
Background Data Summary (based on square root transformation): Mean=0.08407, Std. Dev.=0.006692, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9028, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



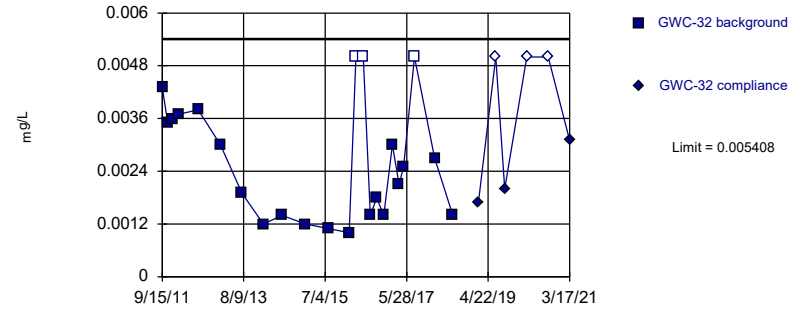
Background Data Summary: Mean=0.003913, Std. Dev.=0.002089, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8697, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



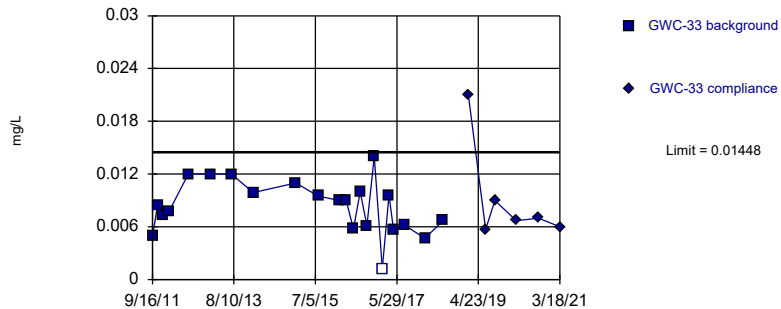
Background Data Summary: Mean=0.002652, Std. Dev.=0.001361, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



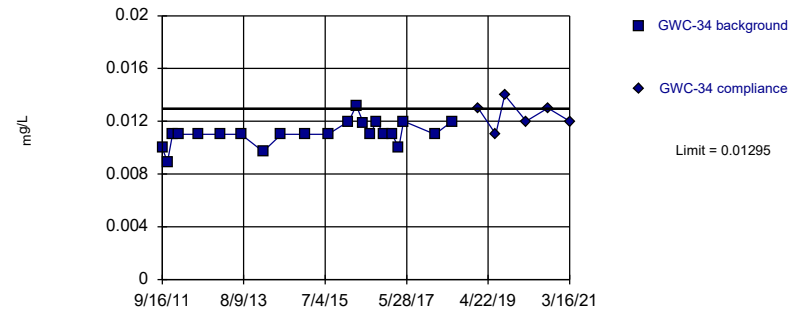
Background Data Summary: Mean=0.008309, Std. Dev.=0.003018, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9796, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

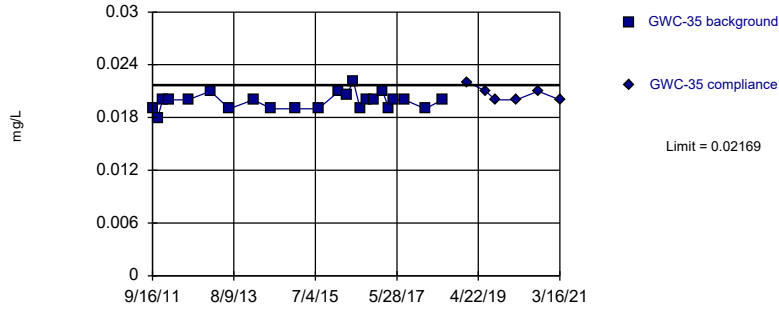


Background Data Summary: Mean=0.011108, Std. Dev.=0.000916, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8839, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

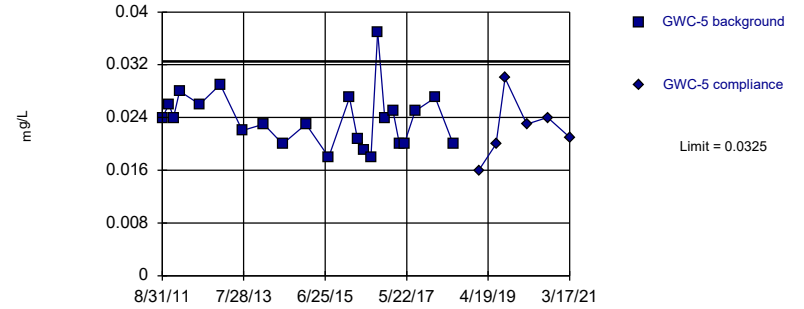


Background Data Summary: Mean=0.01981, Std. Dev.=0.0009285, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9061, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

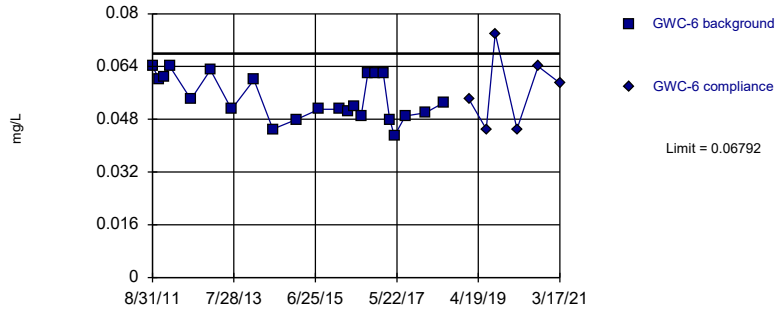


Background Data Summary: Mean=0.02373, Std. Dev.=0.004334, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9097, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

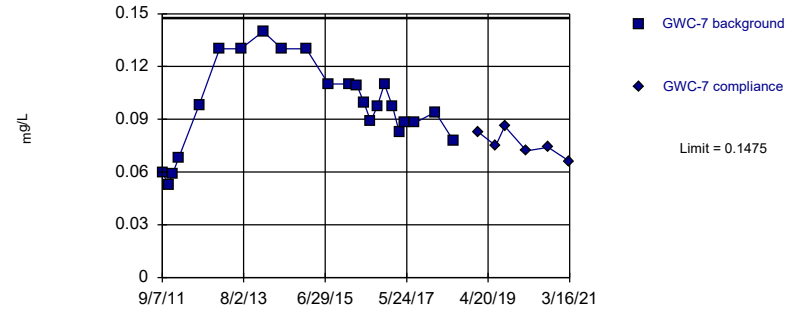


Background Data Summary: Mean=0.05446, Std. Dev.=0.006649, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8995, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

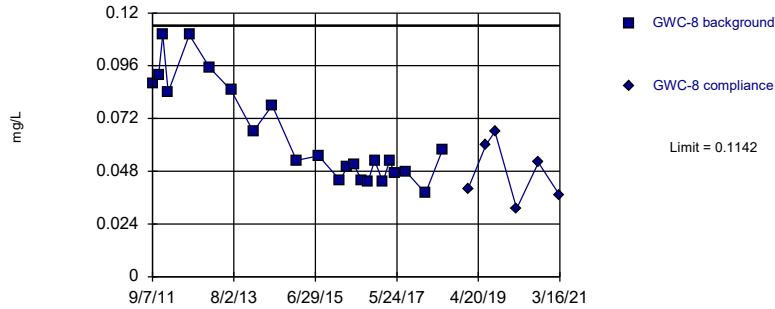


Background Data Summary: Mean=0.09785, Std. Dev.=0.02452, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9582, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

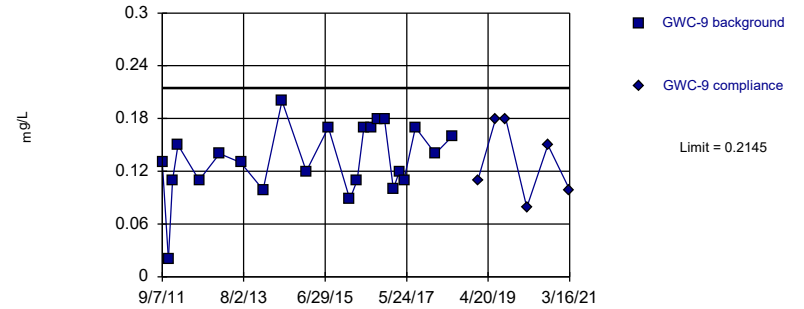


Background Data Summary (based on square root transformation): Mean=0.2509, Std. Dev.=0.04301, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8862, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

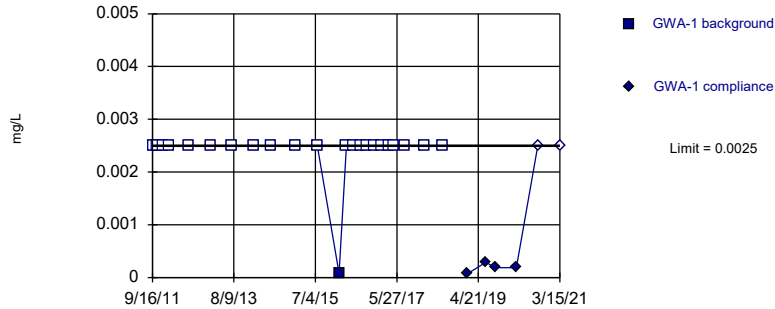


Background Data Summary: Mean=0.1338, Std. Dev.=0.03988, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9361, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Barium Analysis Run 4/27/2021 10:46 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

### Prediction Limit Intrawell Non-parametric

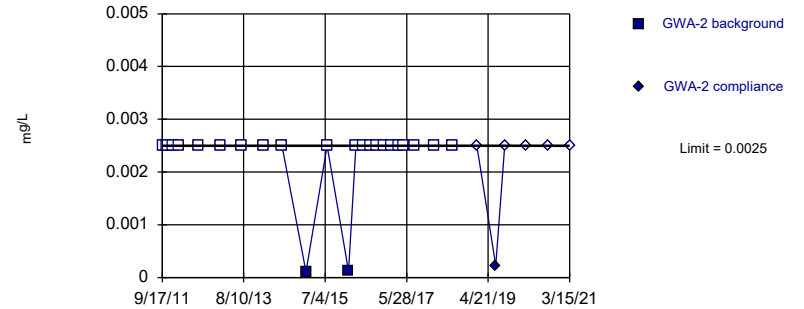


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

### Prediction Limit Intrawell Non-parametric

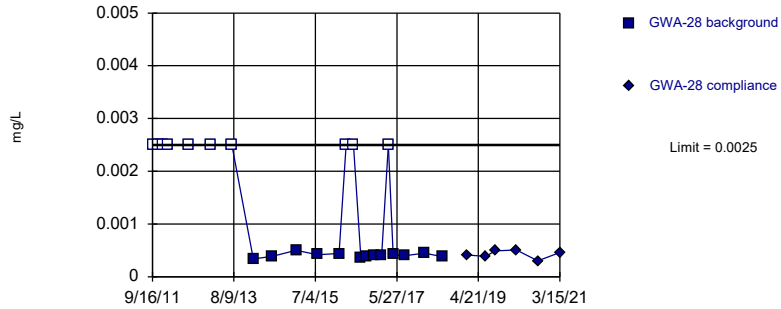


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

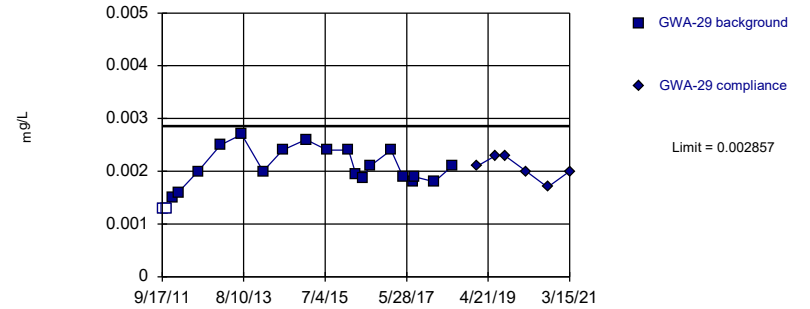


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: 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

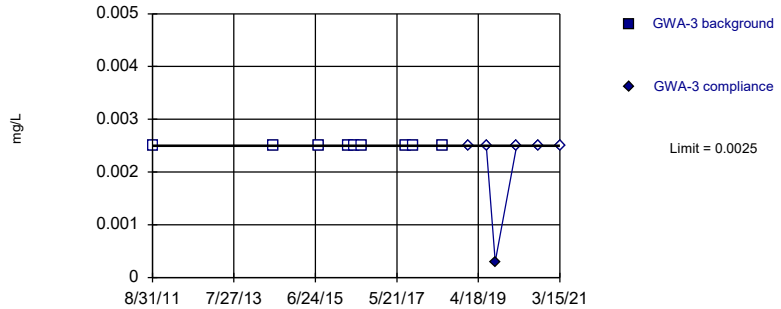


Background Data Summary: Mean=0.002025, Std. Dev.=0.0004034, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: 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

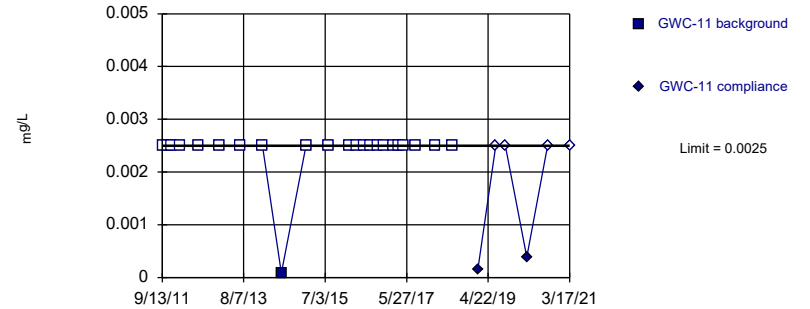


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: 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

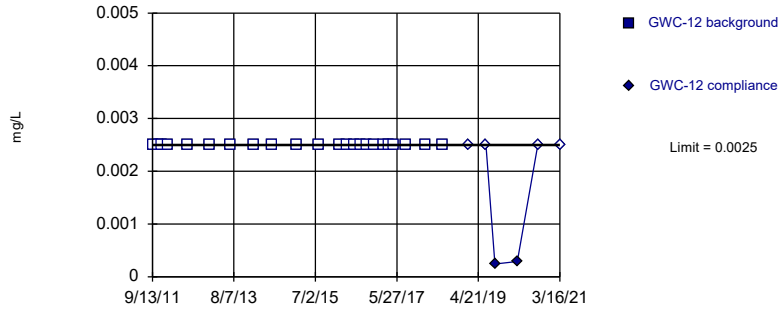


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

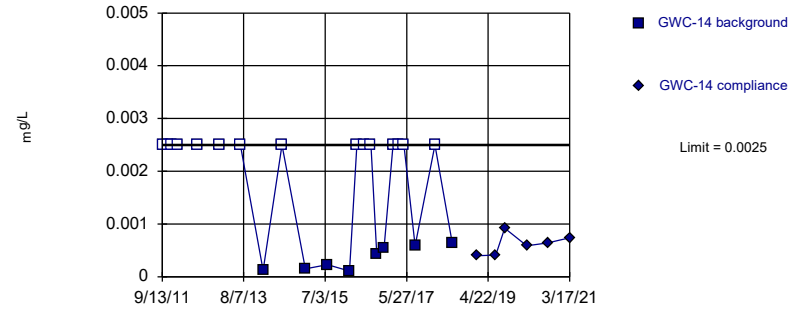


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

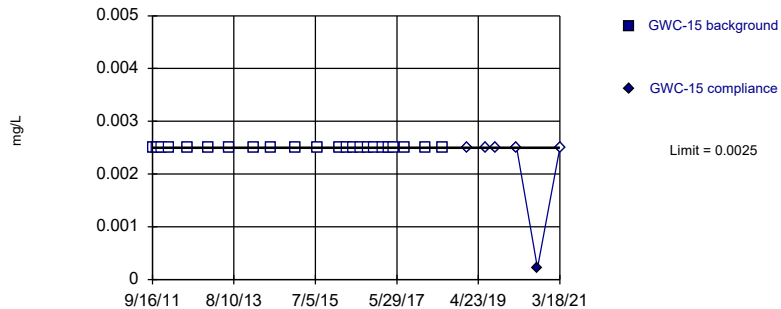


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

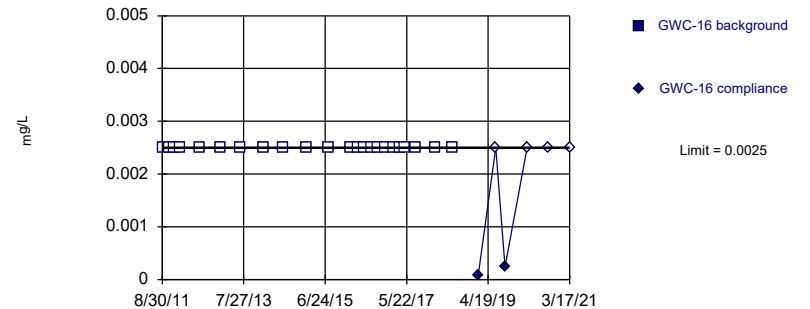


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

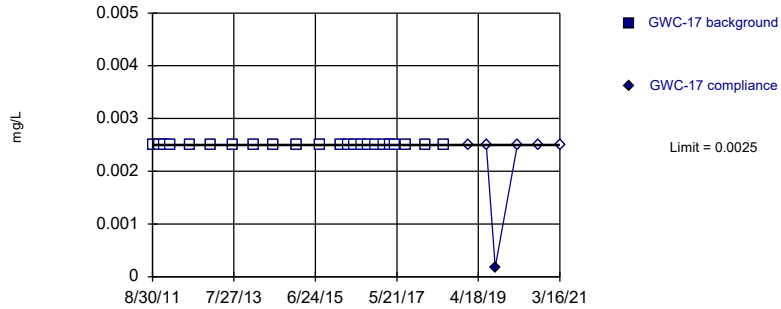


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

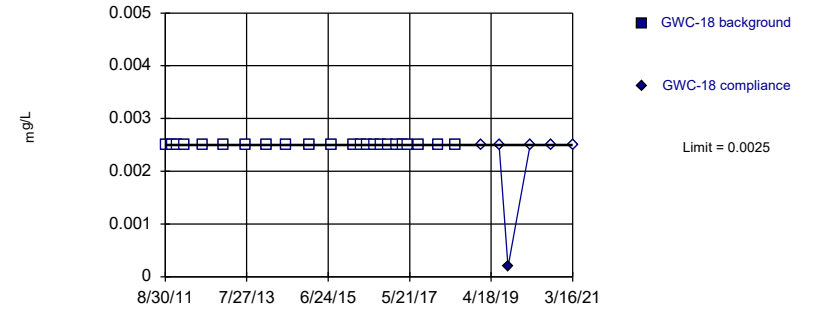


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

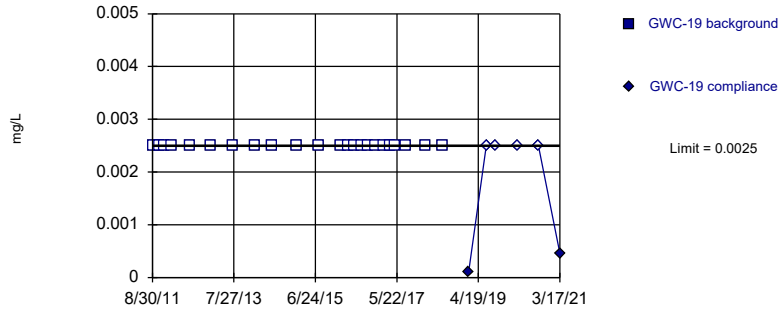


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

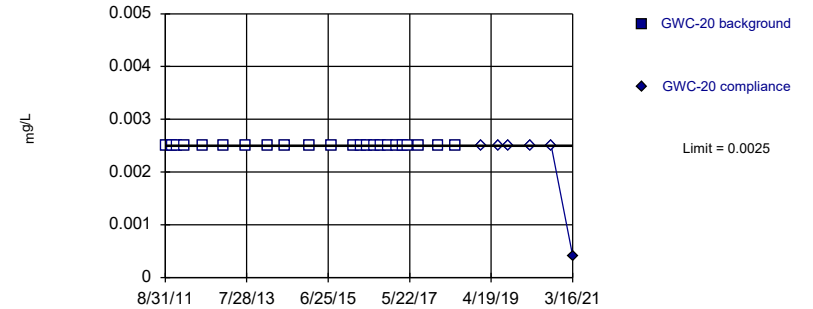


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

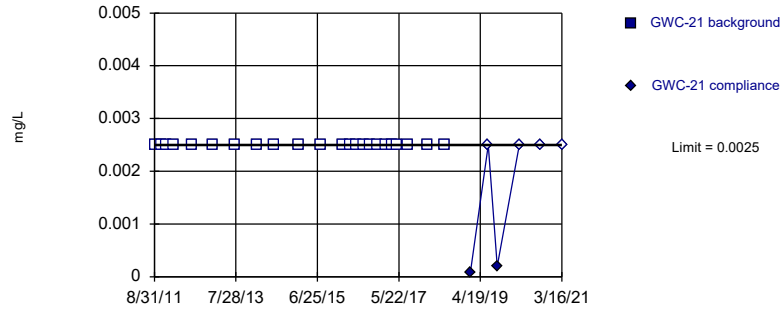


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

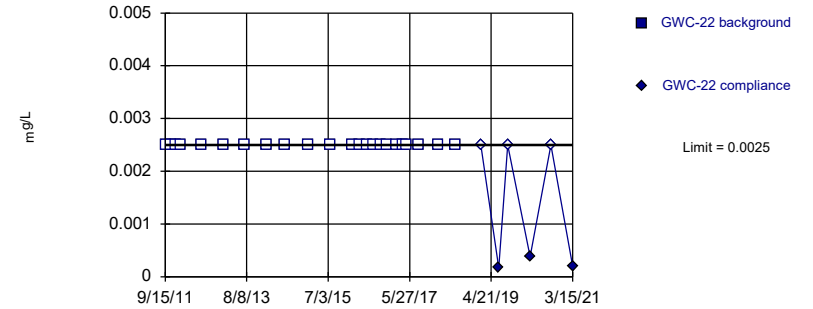


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

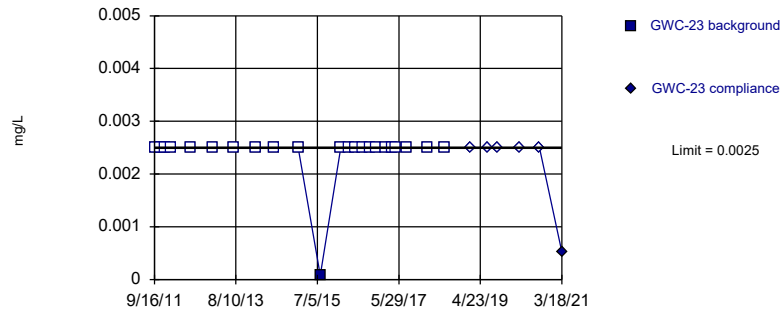


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

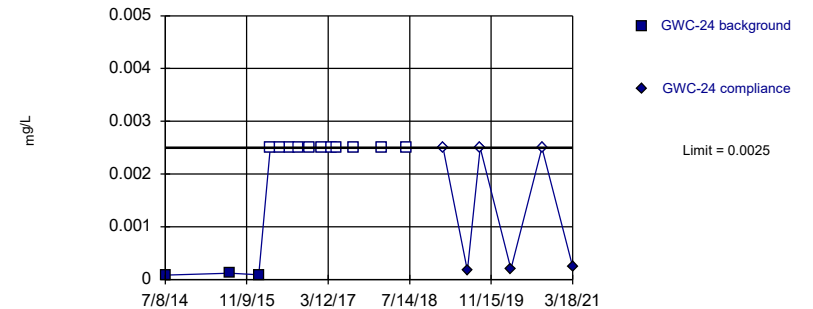


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



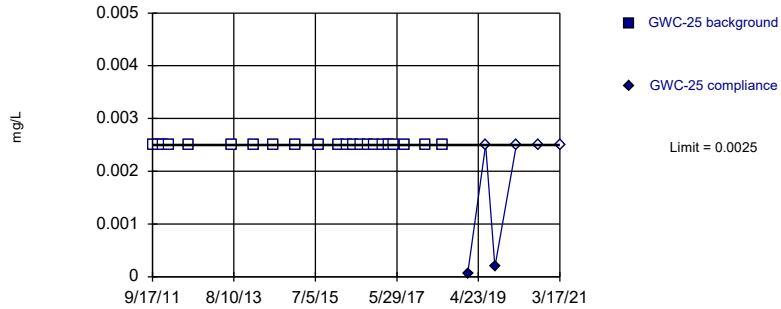
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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

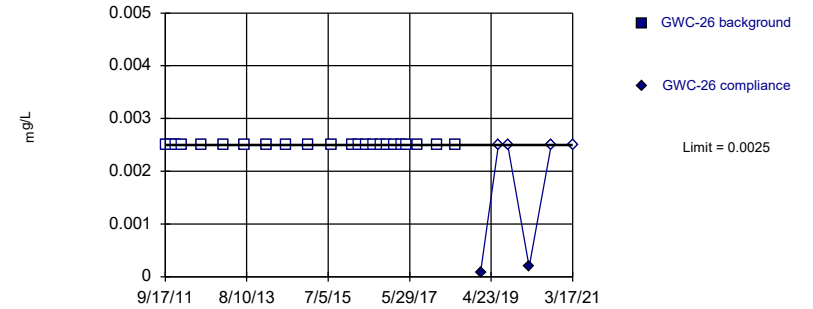


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

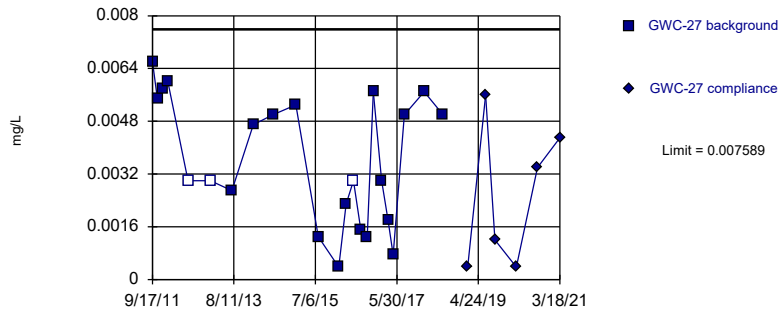


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

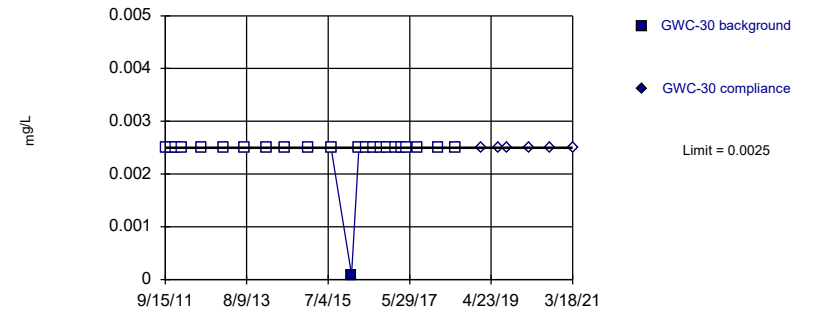


Background Data Summary: Mean=0.003666, Std. Dev.=0.001938, n=23, 13.04% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9178, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

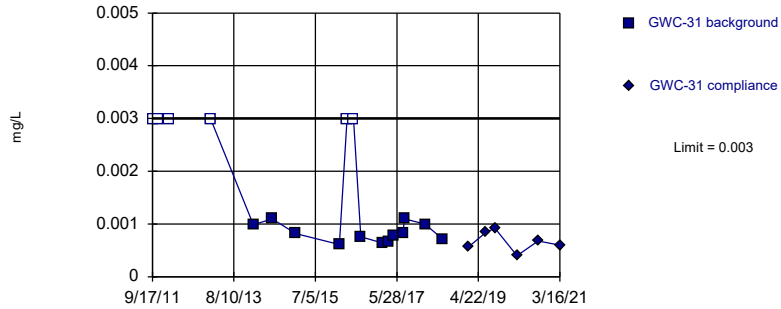


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

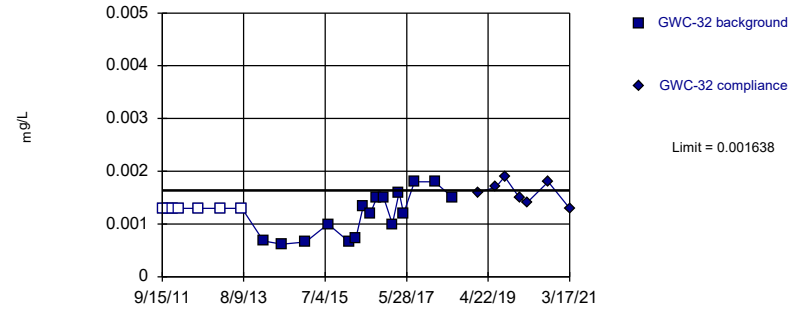


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (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

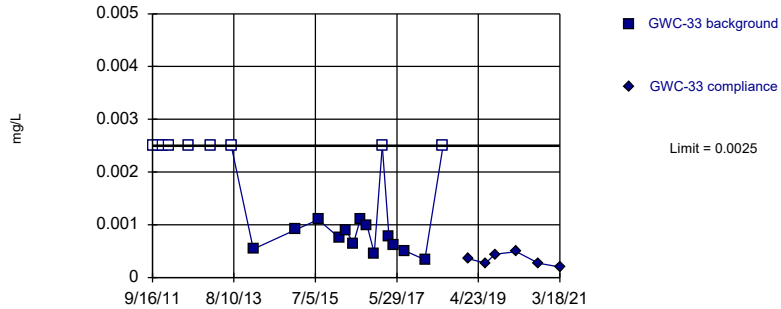


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0009112, Std. Dev.=0.0003589, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9131, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

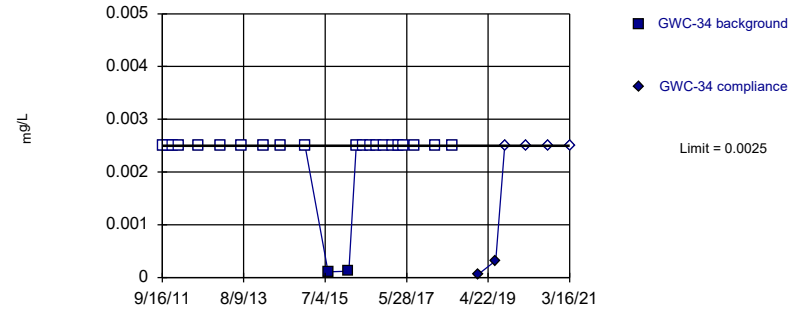


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 40.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (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

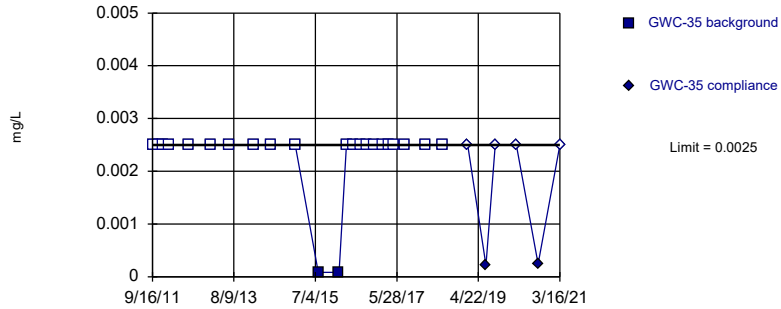


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

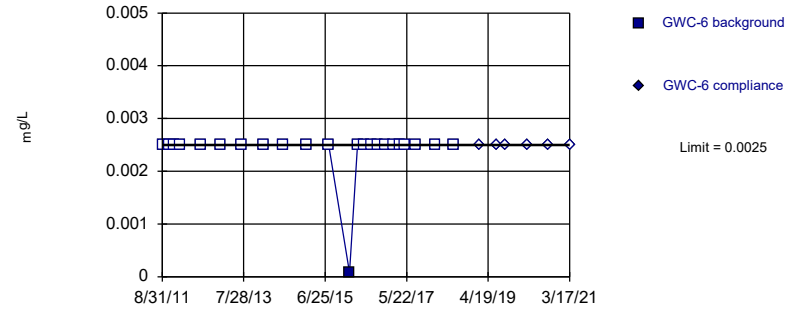


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: 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

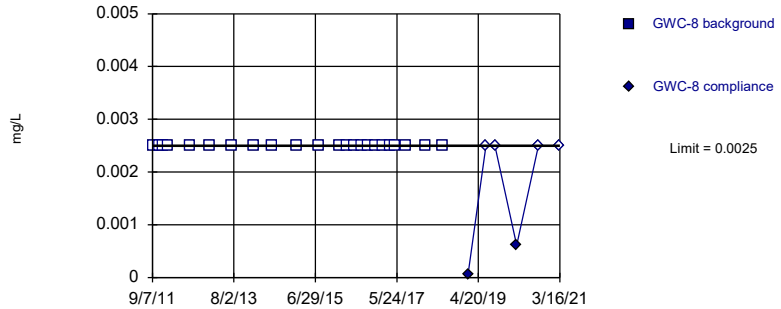


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

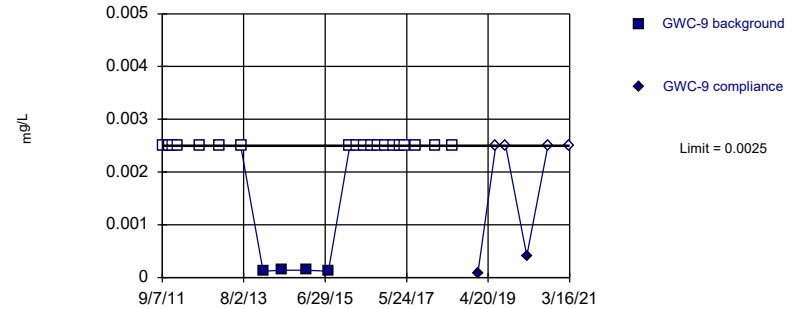


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

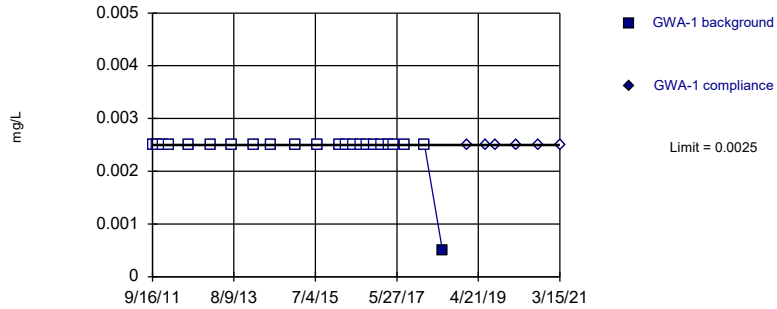


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Beryllium Analysis Run 4/27/2021 10:46 AM View: 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

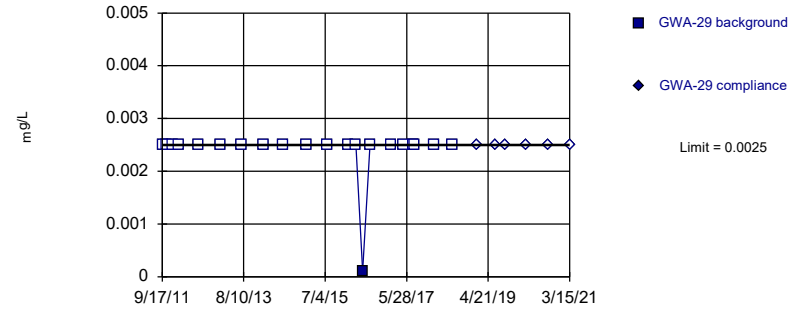


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: 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

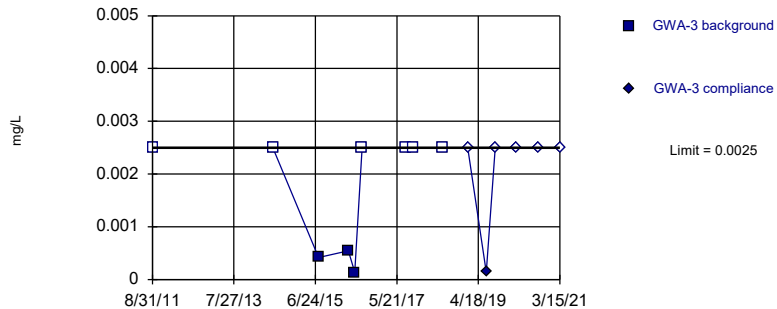


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

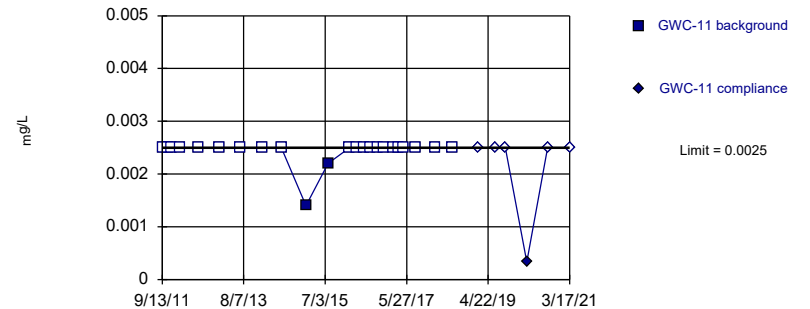


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

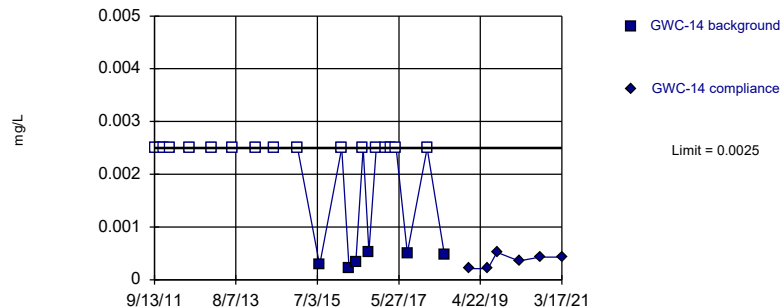


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

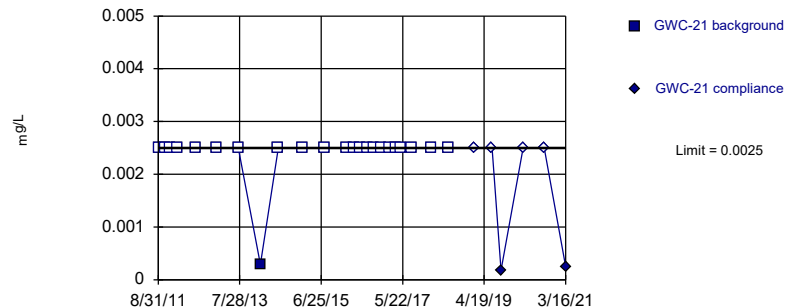


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

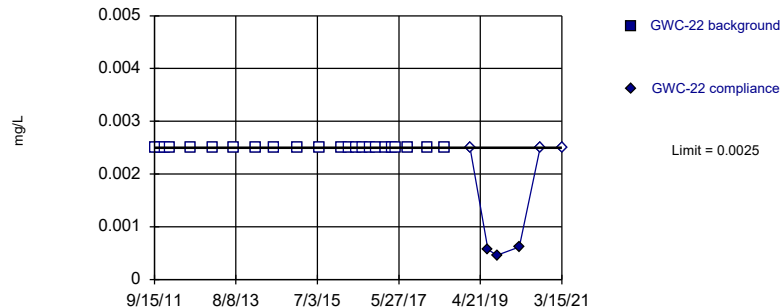


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

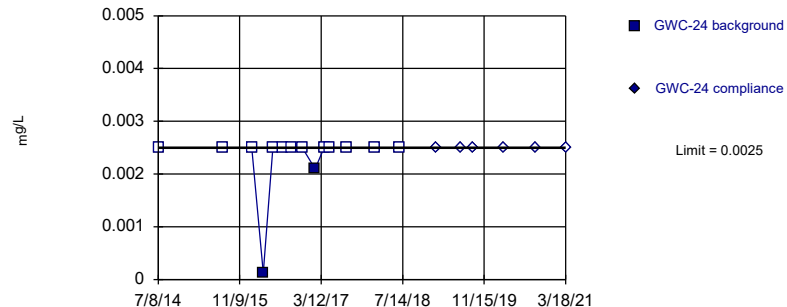


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

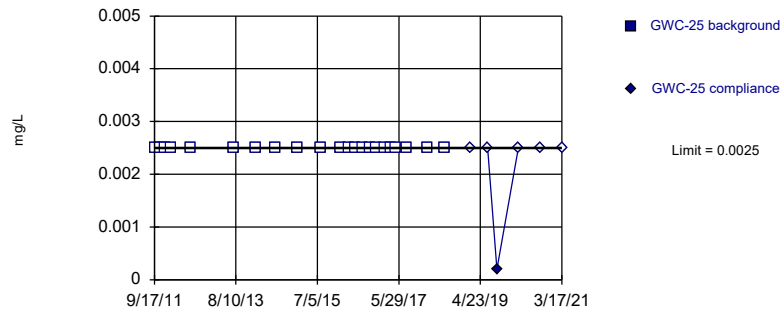


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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

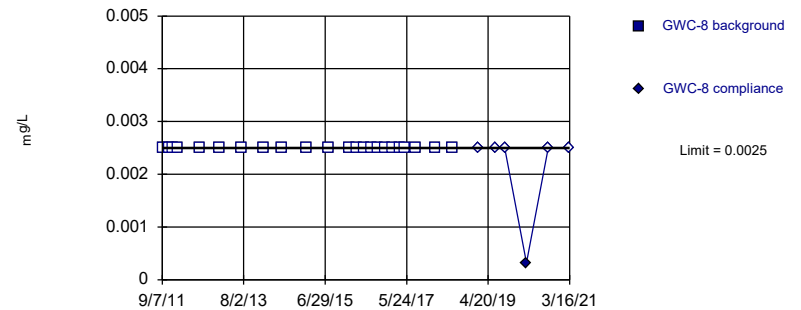


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

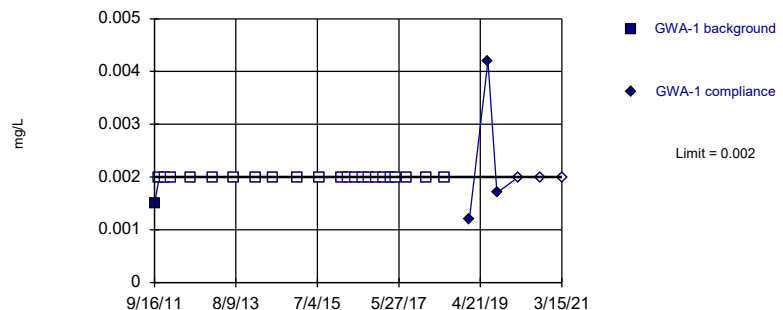


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

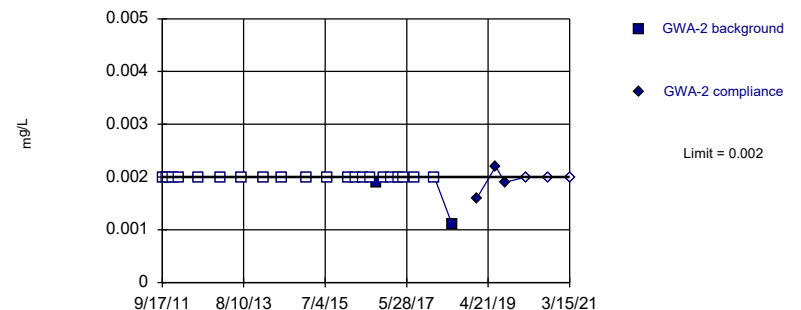


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



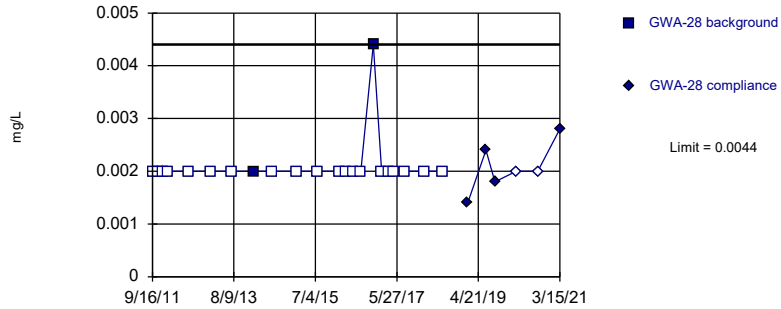
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



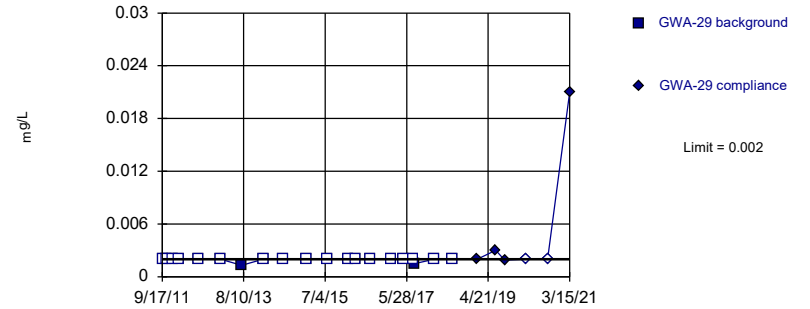
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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



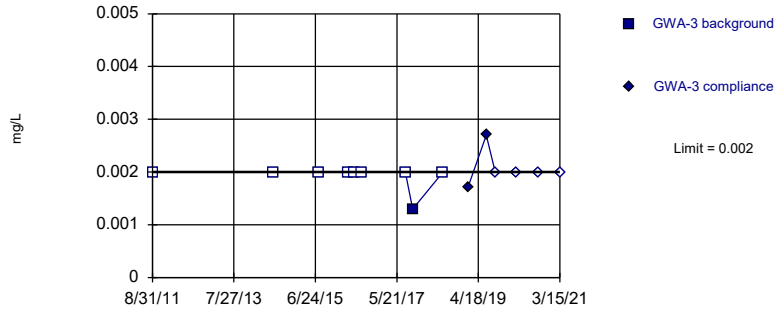
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

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



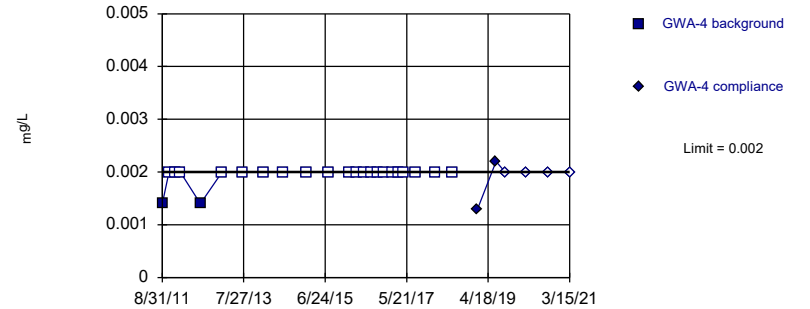
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

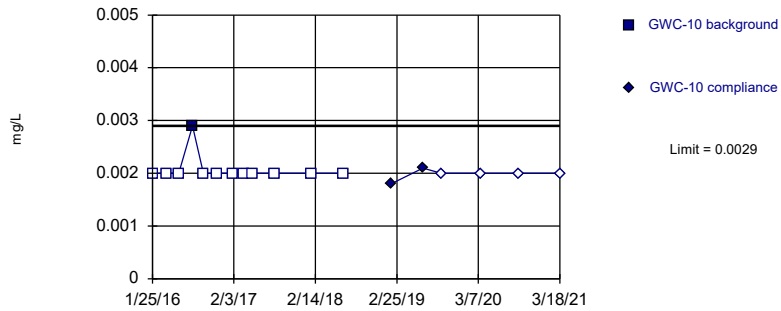


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

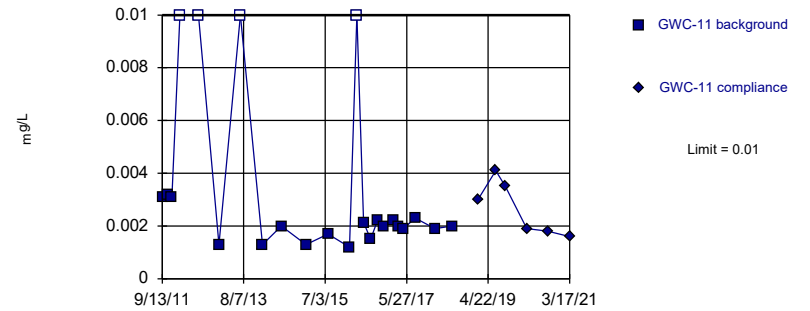


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

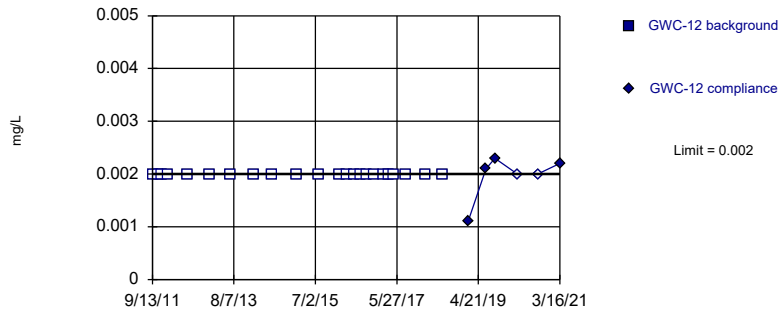


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (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

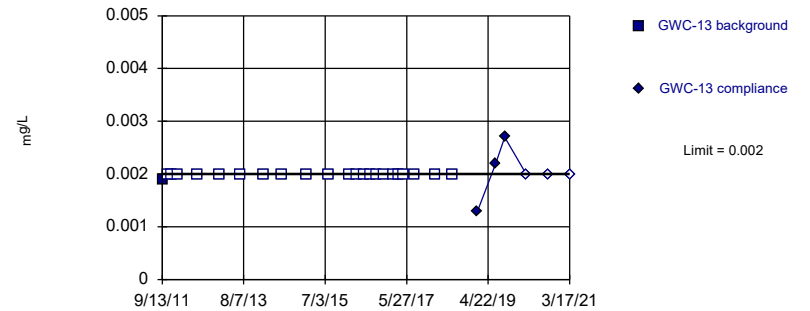


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



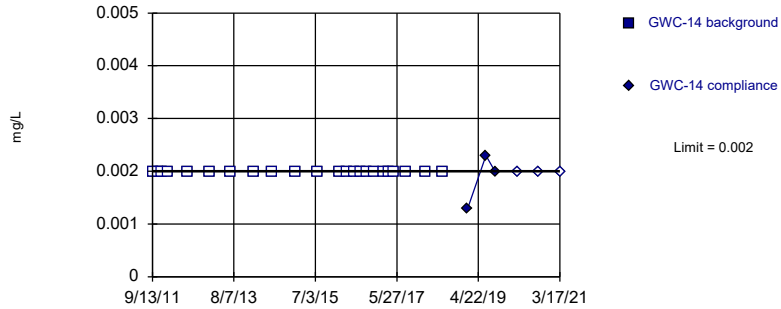
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

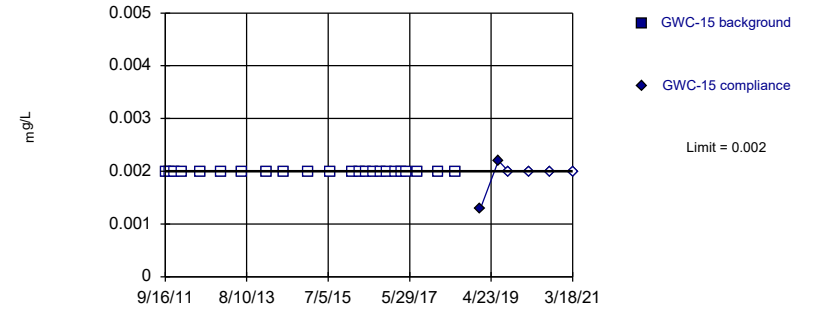


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

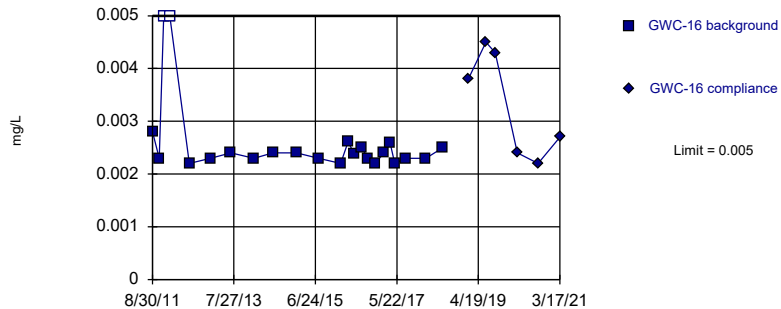


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

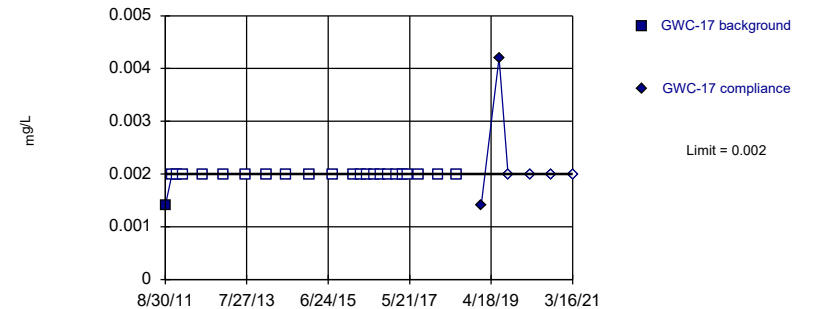


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 8.696% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (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

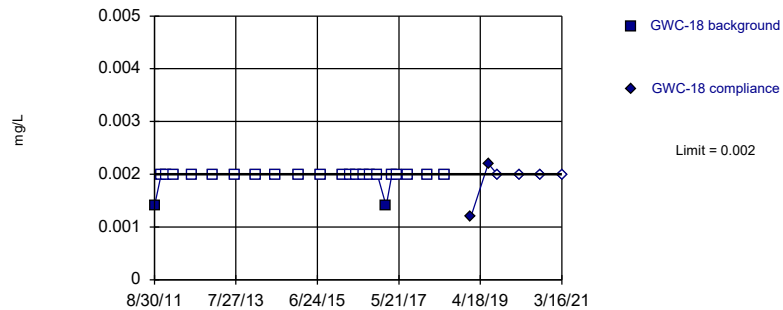


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

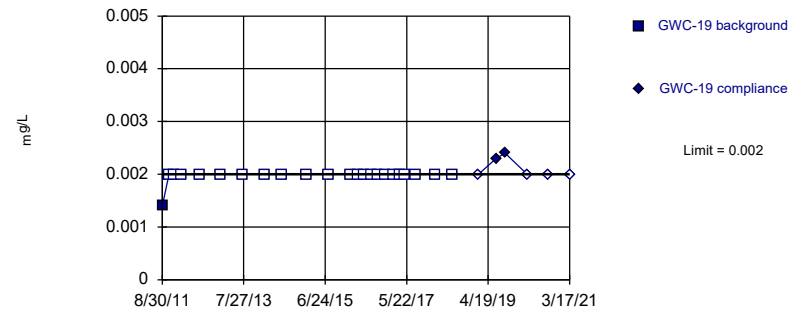


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

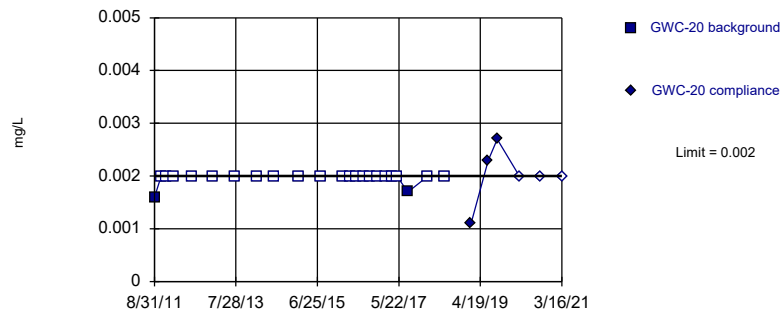


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

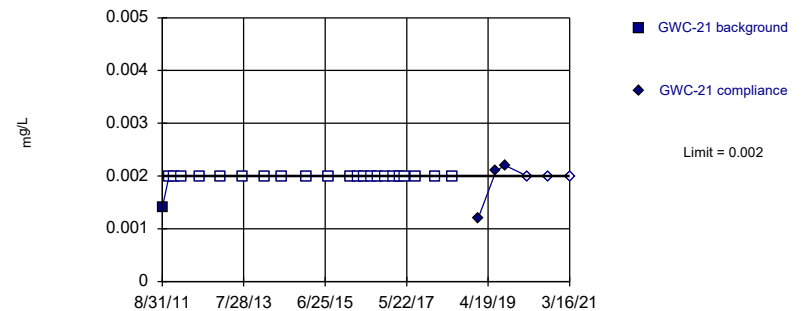


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

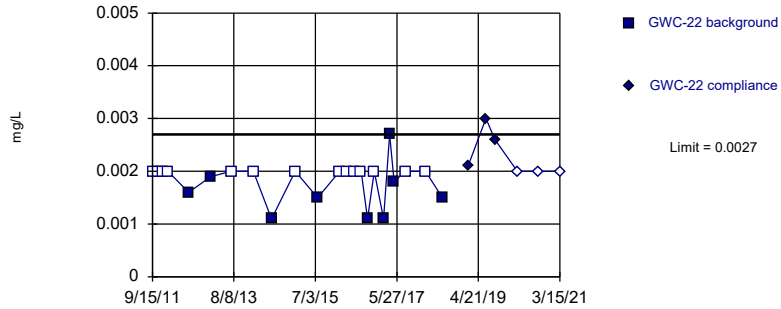


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

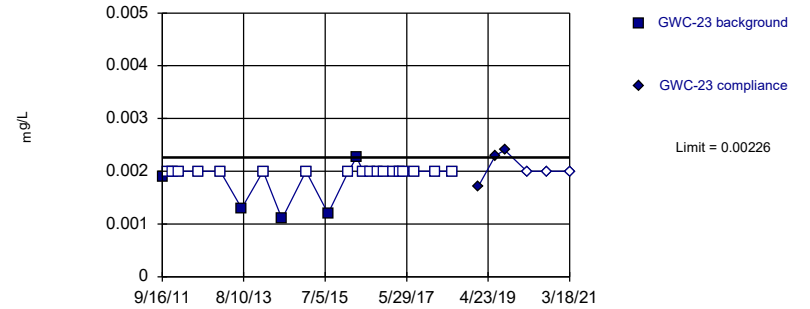


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

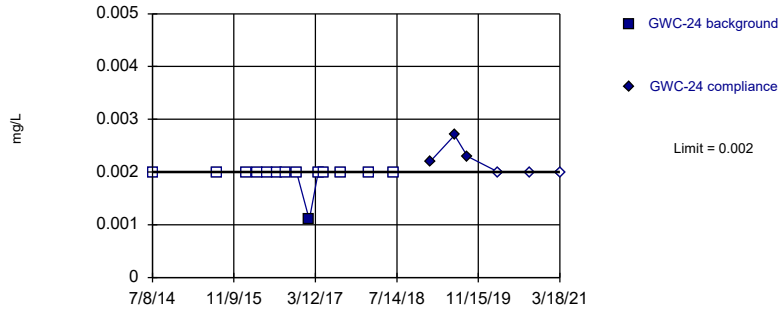


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

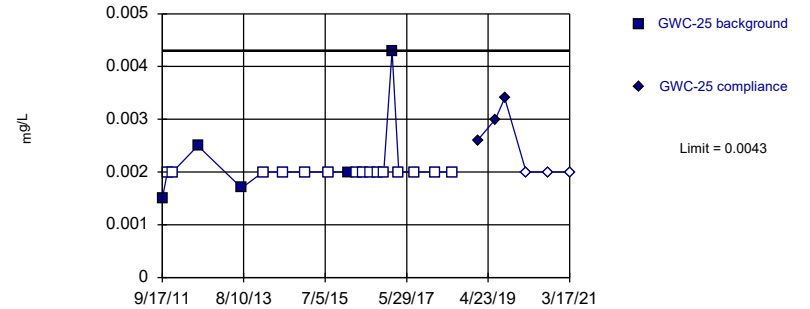


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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

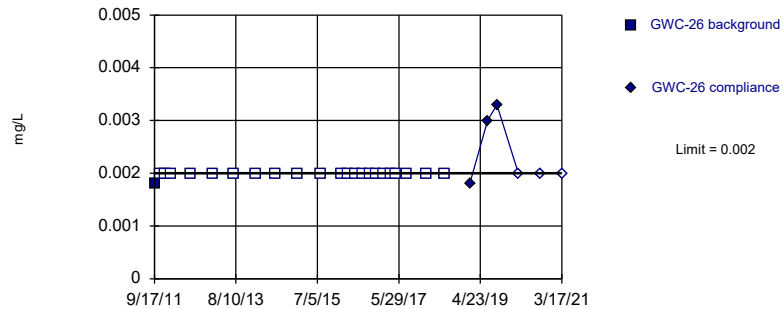


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

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

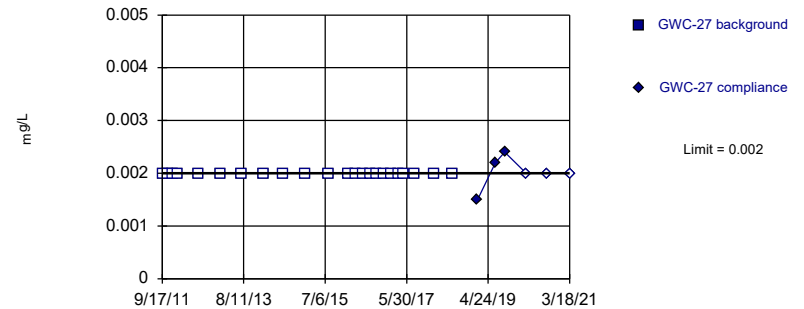


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

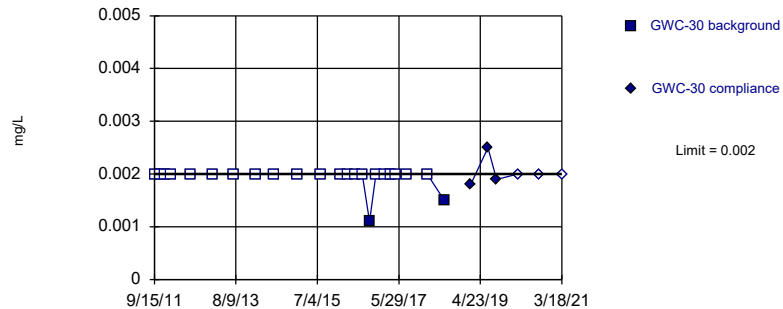


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

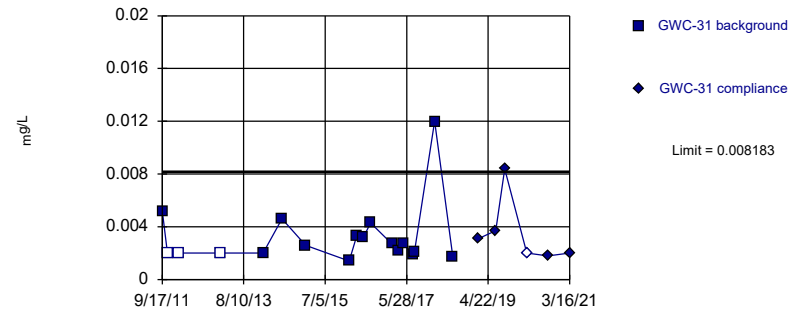


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

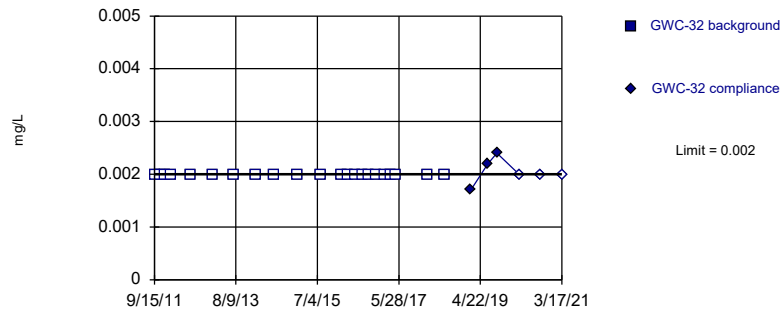


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.938, Std. Dev.=0.5266, n=18, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8728, critical = 0.858. Kappa = 2.15 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

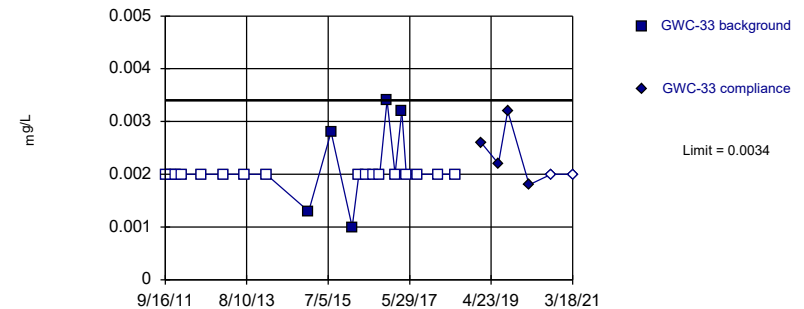


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

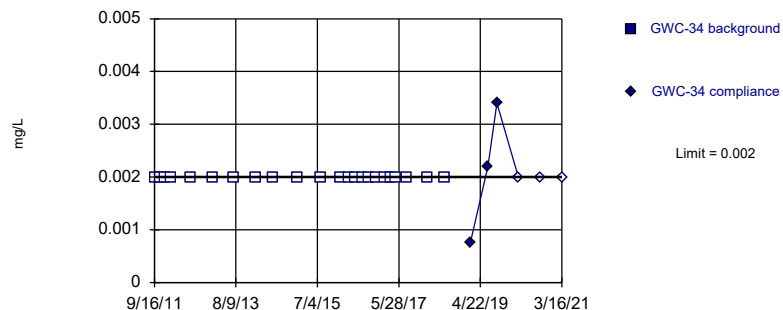


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 77.27% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

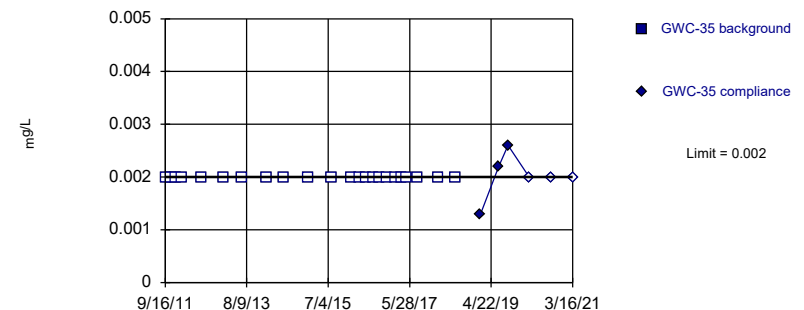


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

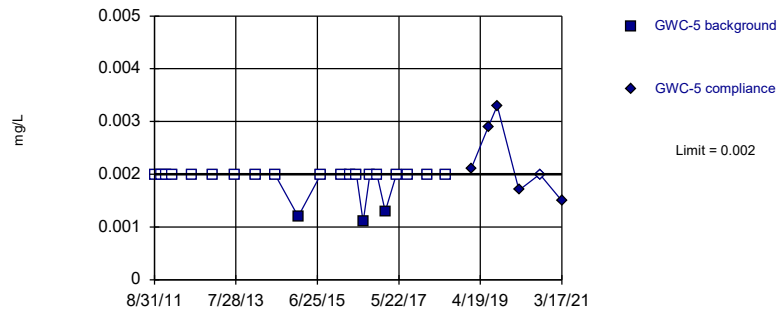


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

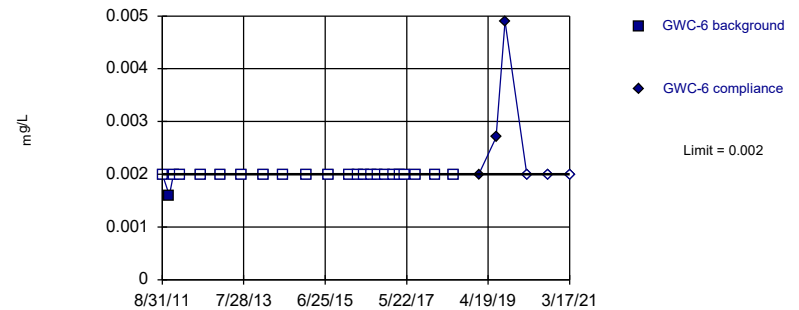


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

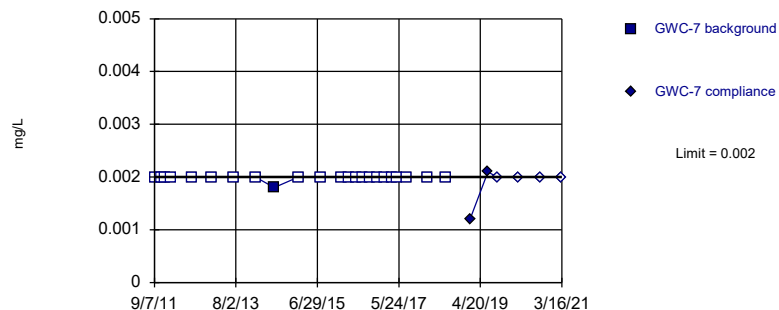


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

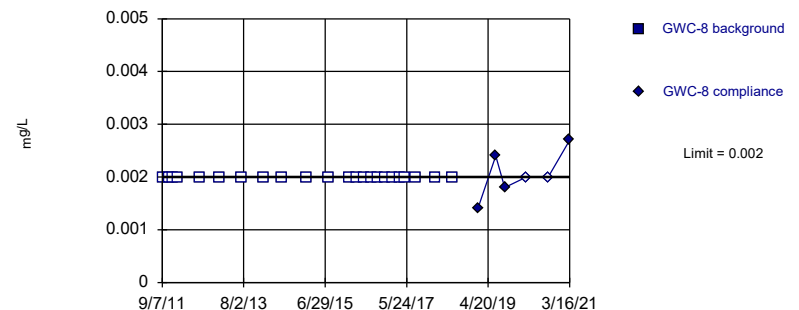


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

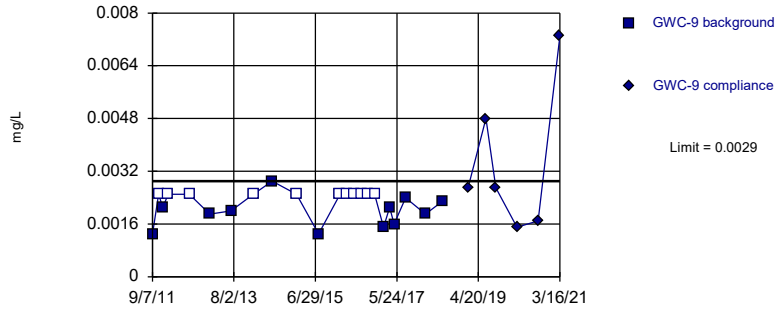


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

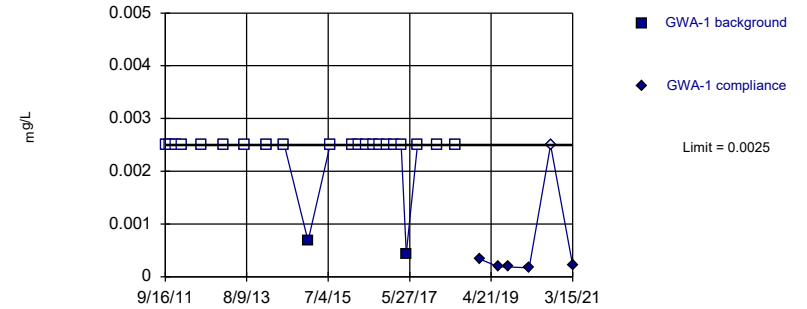


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (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

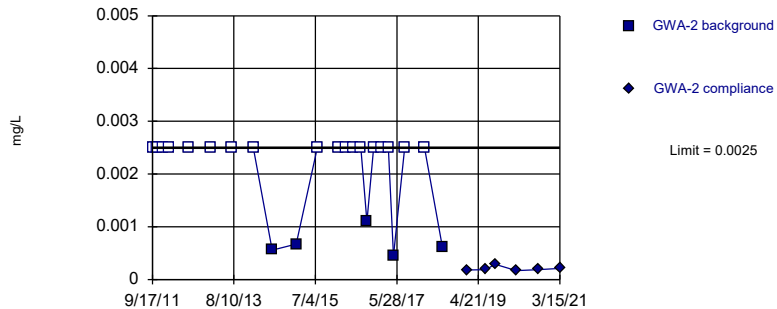


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

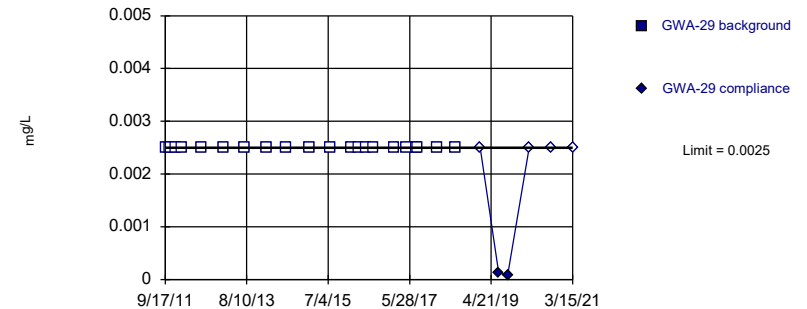


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

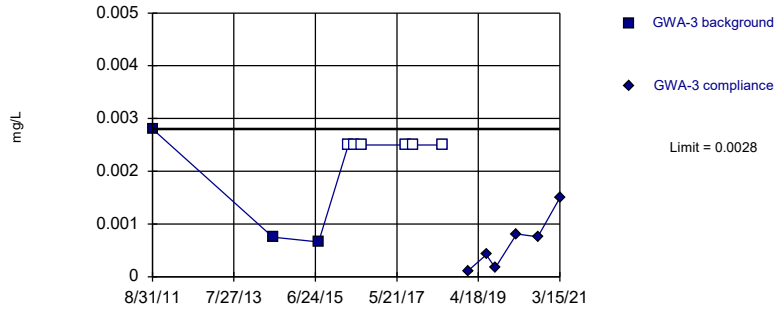


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

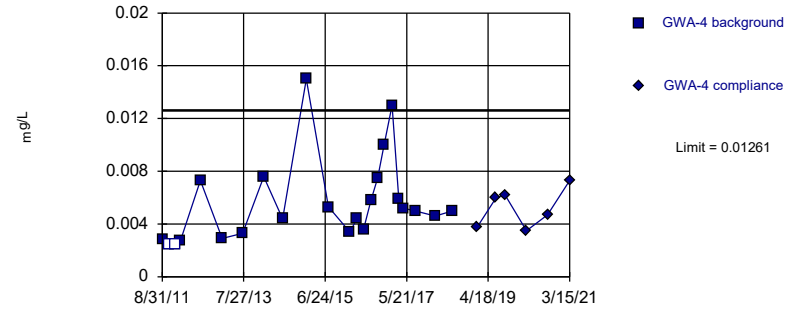


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

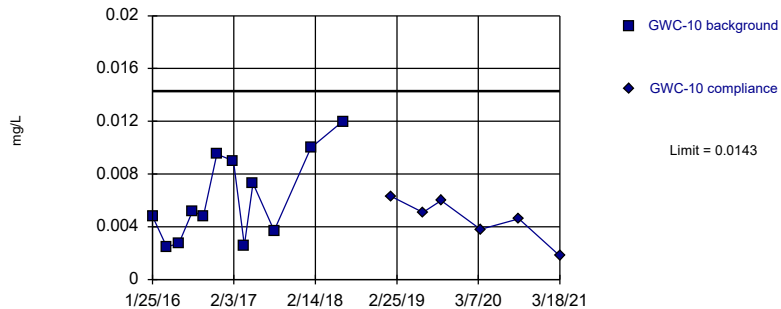


Background Data Summary (based on square root transformation): Mean=0.07262, Std. Dev.=0.01959, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

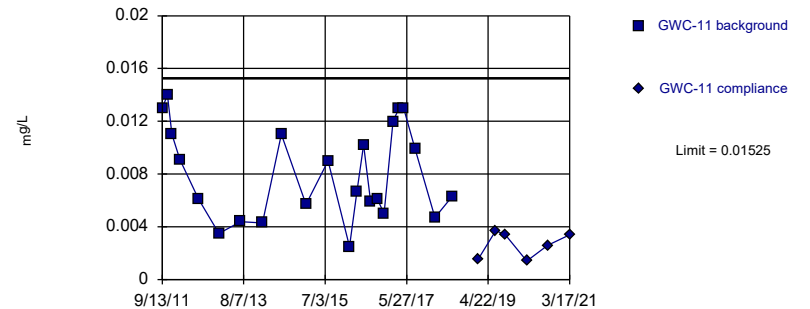


Background Data Summary: Mean=0.006177, Std. Dev.=0.003274, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



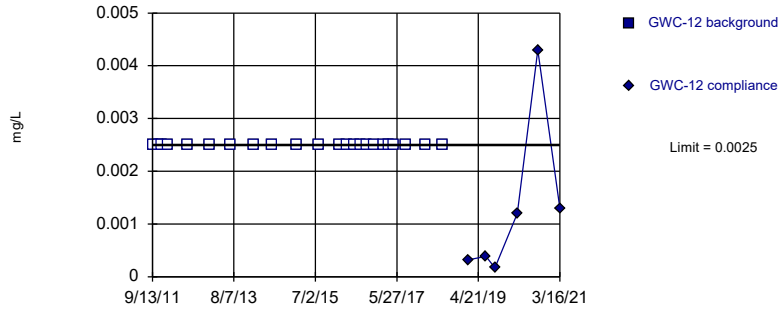
Background Data Summary: Mean=0.008102, Std. Dev.=0.00353, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

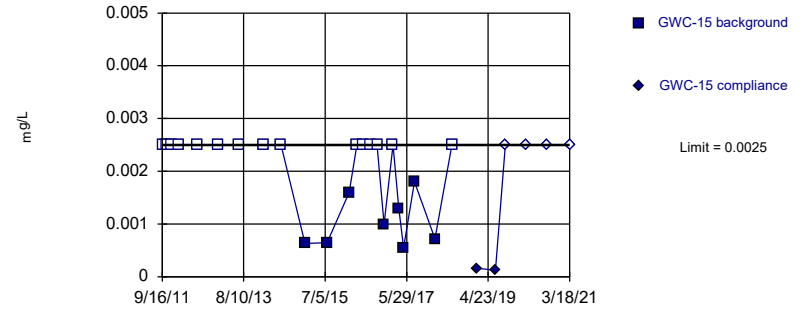


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

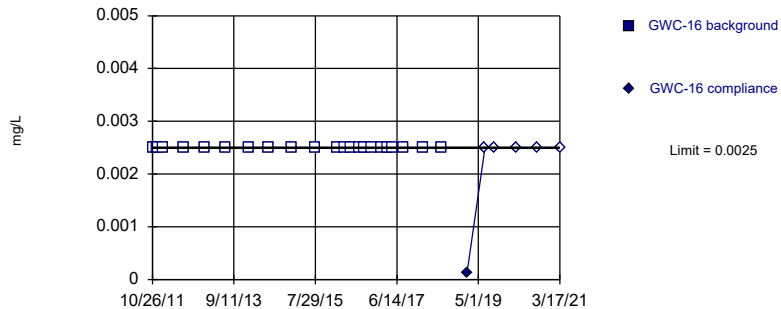


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

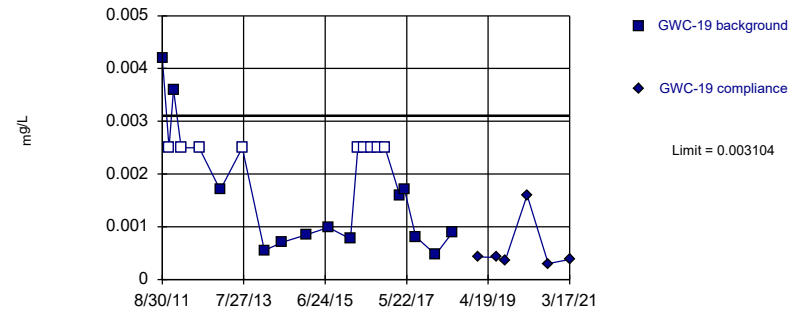


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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



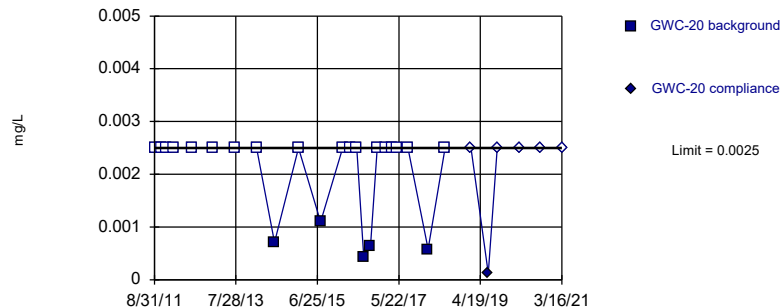
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001198, Std. Dev.=0.000933, n=22, 40.91% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



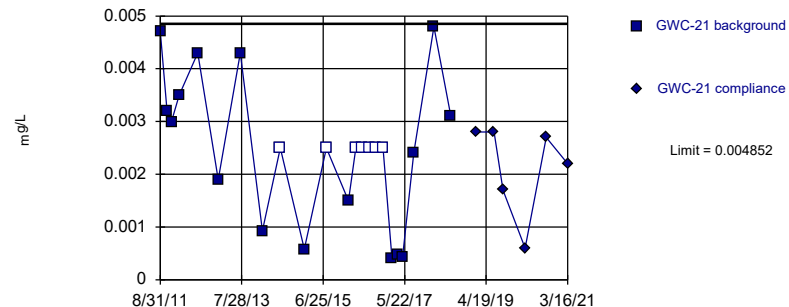
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



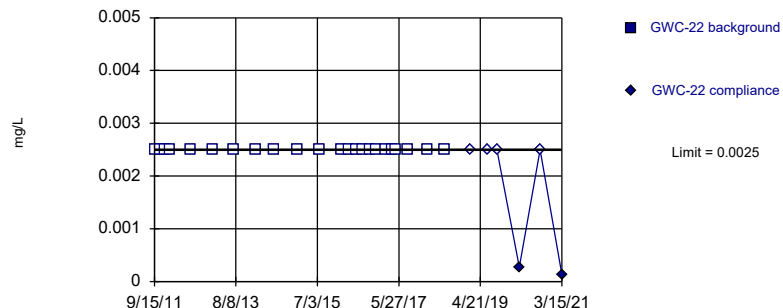
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001925, Std. Dev.=0.001446, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.929, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



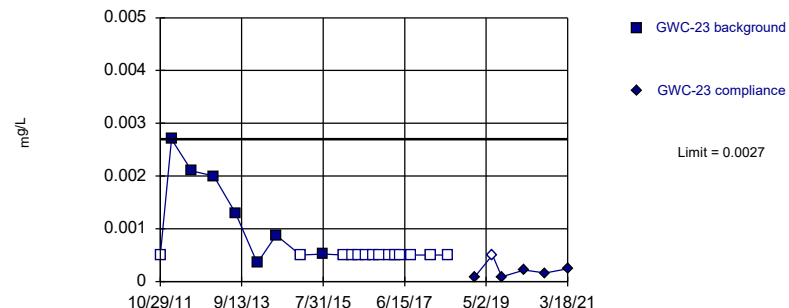
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

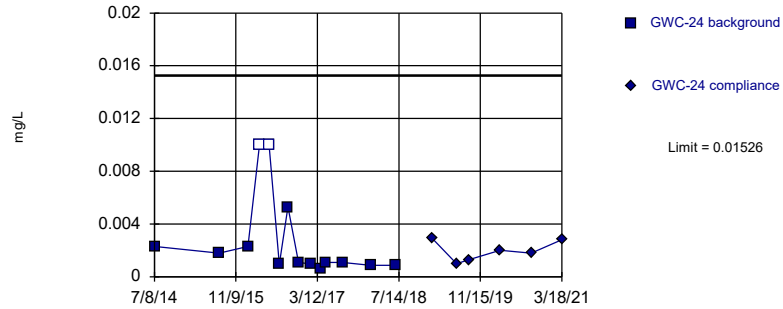


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

Prediction Limit  
Intrawell Parametric

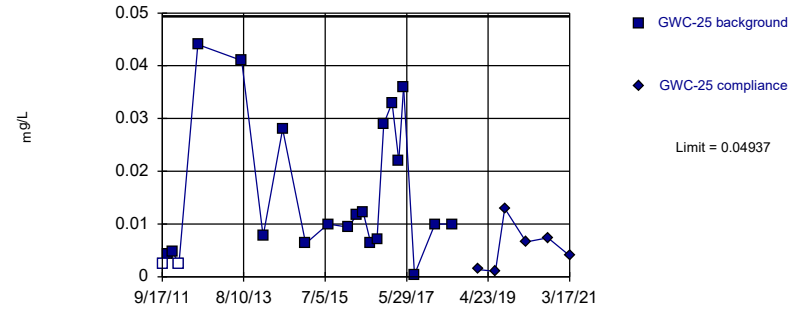


Background Data Summary (based on natural log transformation): Mean=-6.342, Std. Dev.=0.9191, n=14, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8439, critical = 0.825. Kappa = 2.349 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

Prediction Limit  
Intrawell Parametric

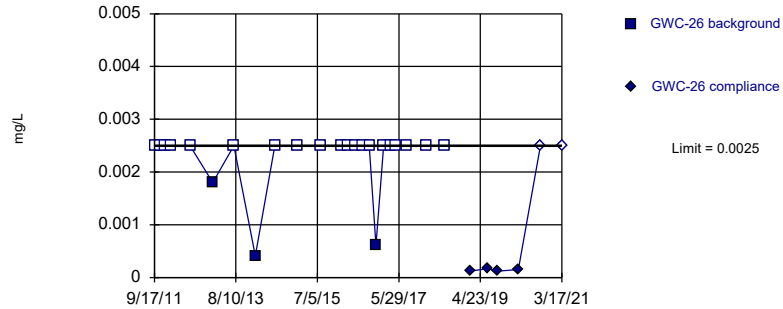


Background Data Summary (based on square root transformation): Mean=0.1123, Std. Dev.=0.05377, n=22, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9332, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

Prediction Limit  
Intrawell Non-parametric

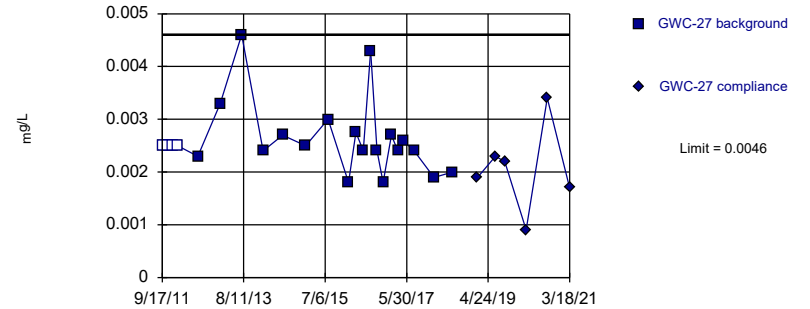


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

Prediction Limit  
Intrawell Non-parametric

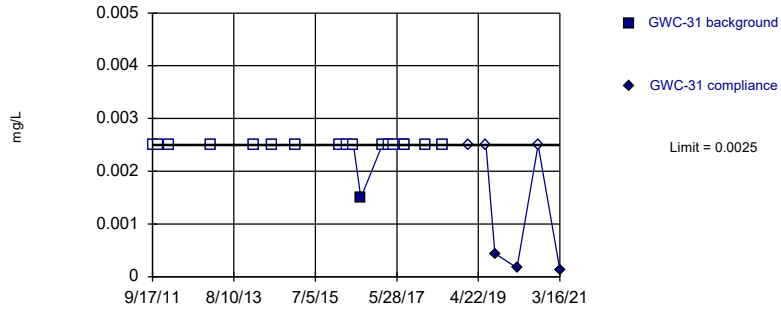


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 17.39% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 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

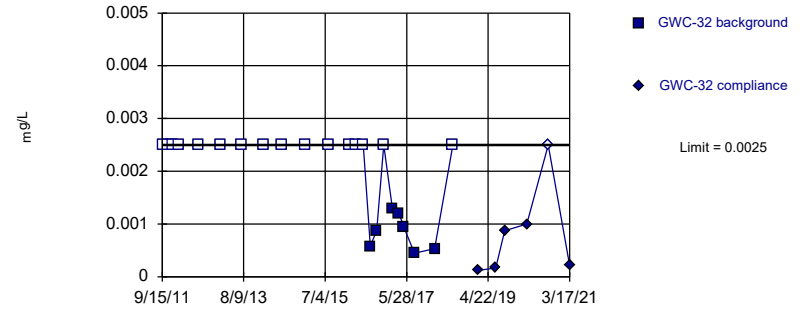


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

Prediction Limit  
 Intrawell Non-parametric

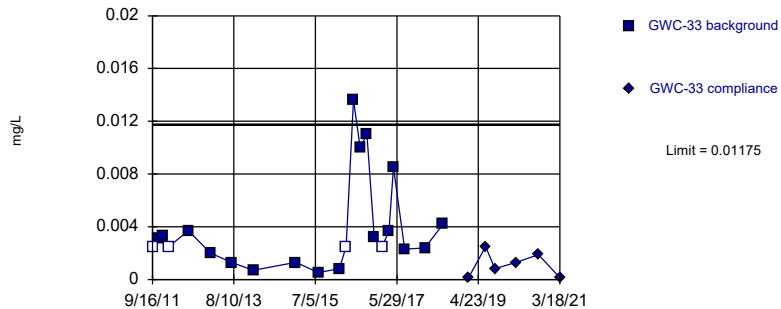


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

Prediction Limit  
 Intrawell Parametric

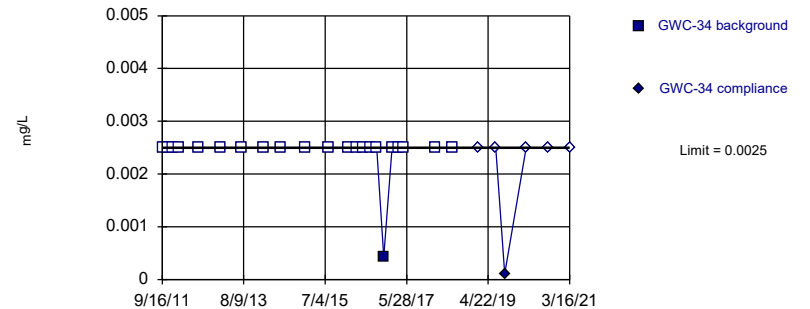


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05328, Std. Dev.=0.02697, n=22, 18.18% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8812, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Cobalt Analysis Run 4/27/2021 10:47 AM View: AI  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

Prediction Limit  
 Intrawell Non-parametric

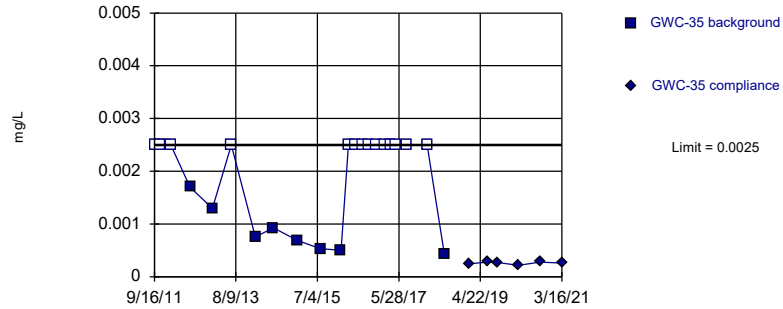


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

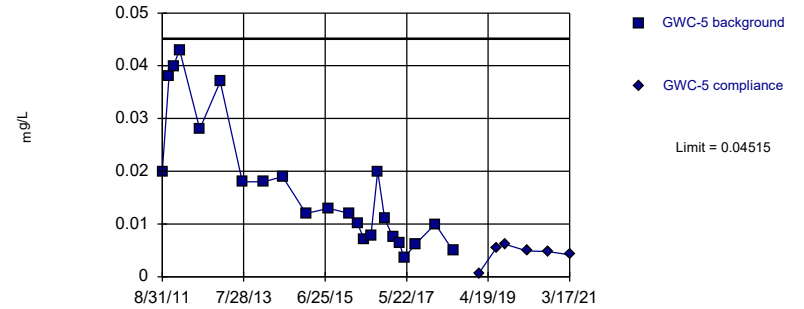


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

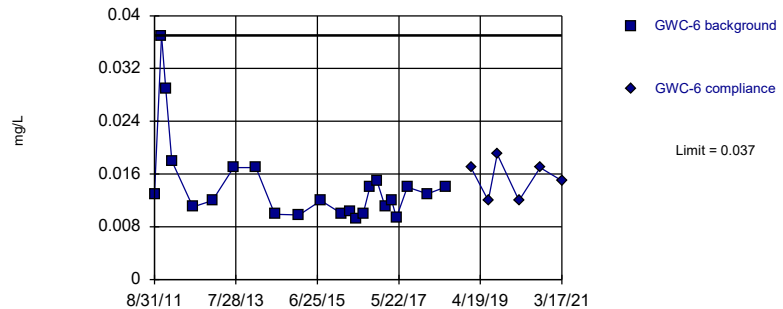


Background Data Summary (based on square root transformation): Mean=0.1233, Std. Dev.=0.04404, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

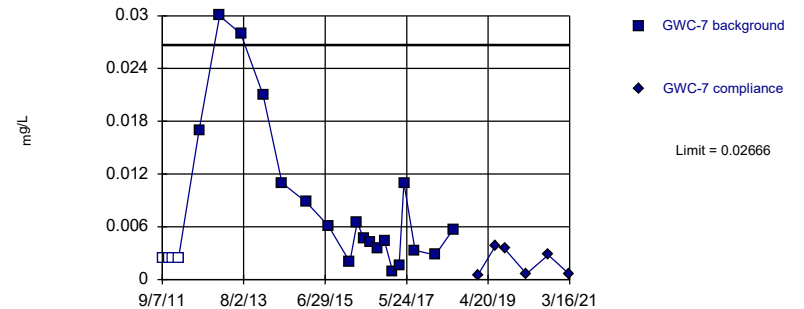


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

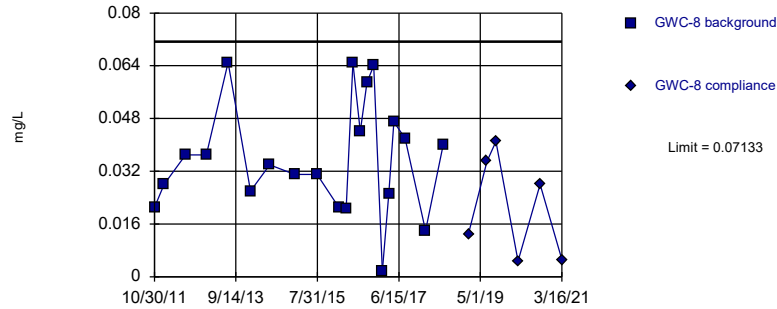


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1738, Std. Dev.=0.0617, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.881. Kappa = 2.024 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



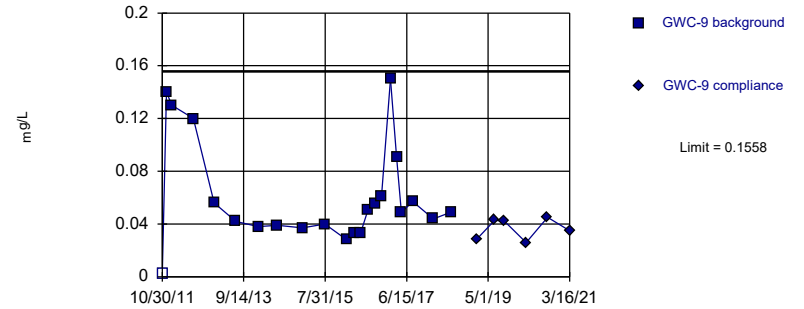
Background Data Summary: Mean=0.03588, Std. Dev.=0.01719, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.873. Kappa = 2.063 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



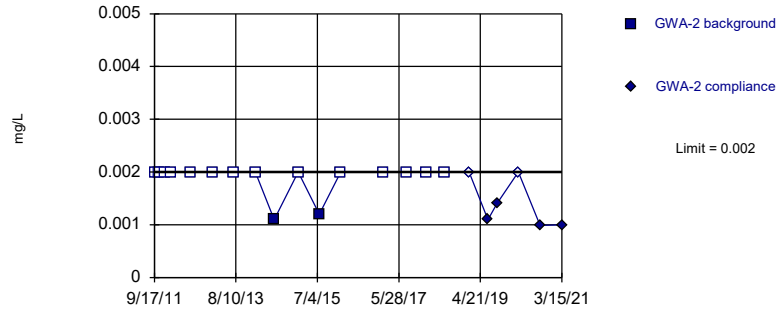
Background Data Summary (based on square root transformation): Mean=0.2353, Std. Dev.=0.07802, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8952, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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



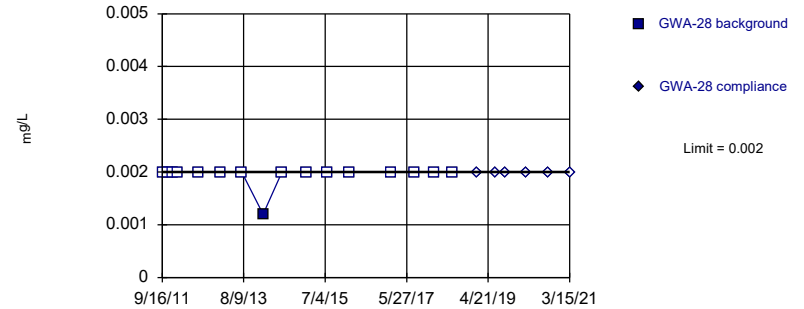
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

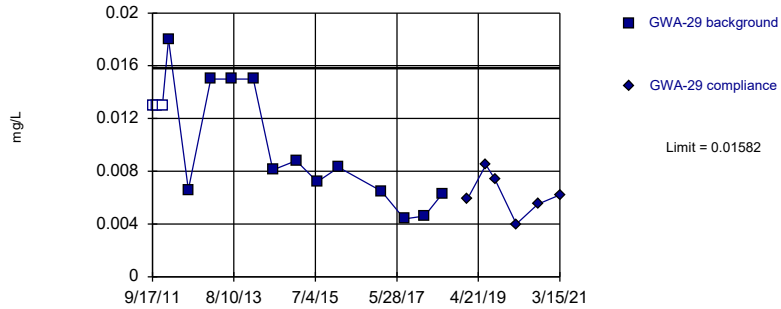


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

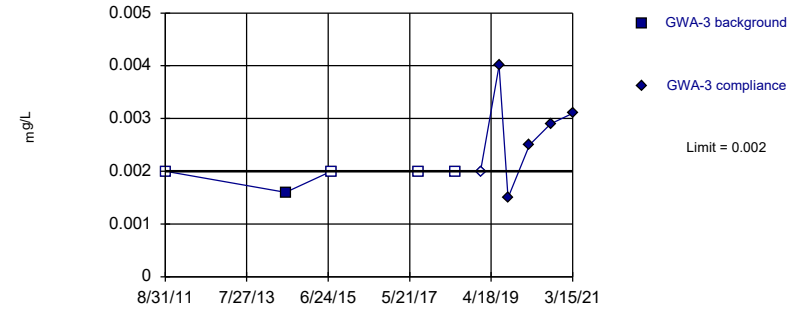


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.007974, Std. Dev.=0.003538, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9107, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

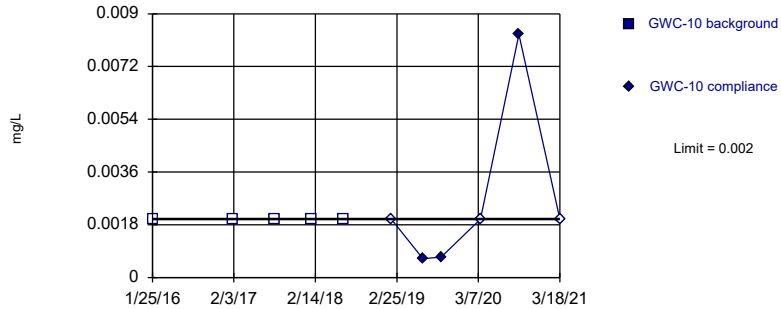


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 80% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

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

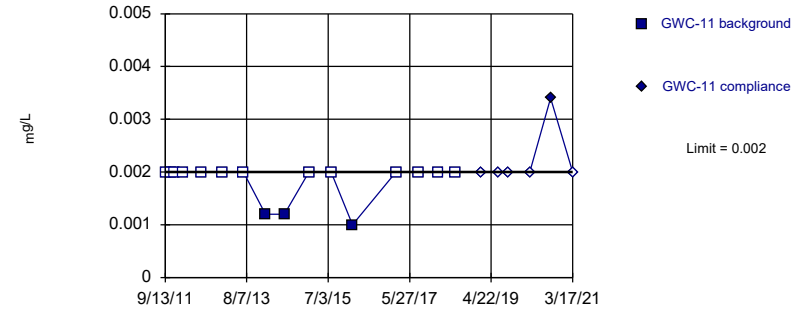


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 5) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

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

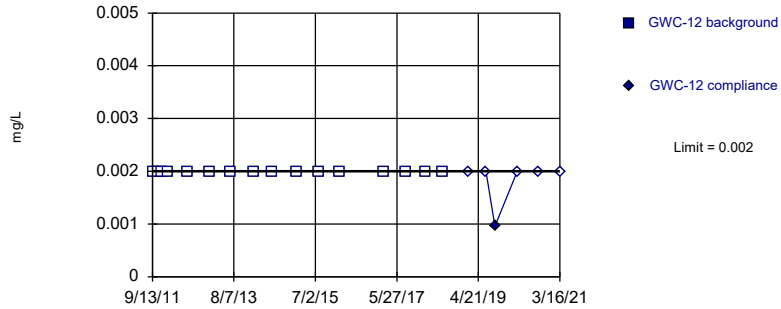


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

Prediction Limit  
 Intrawell Non-parametric

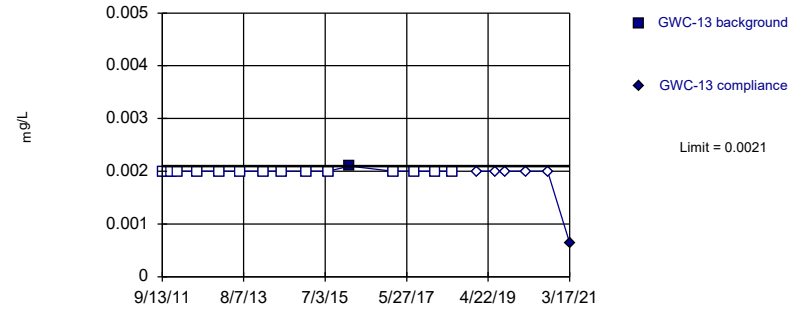


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

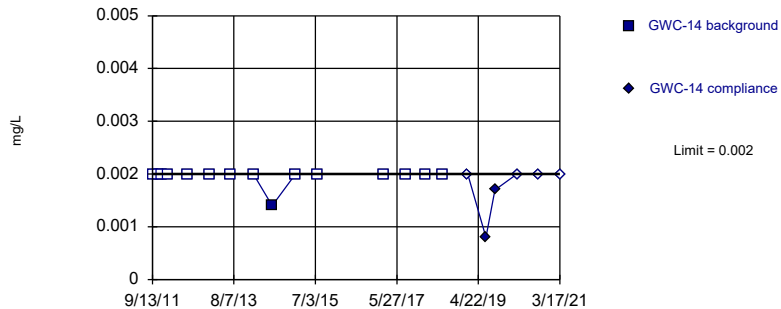


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

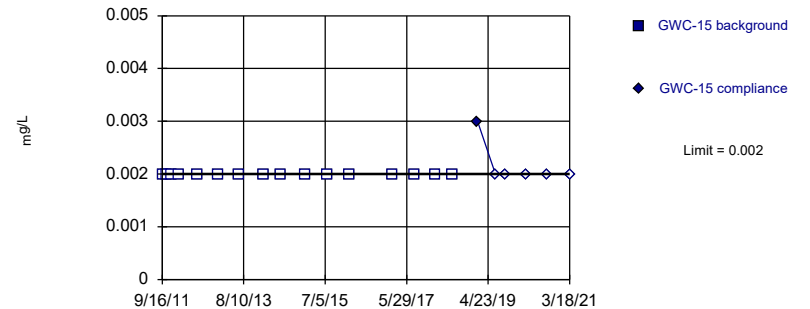


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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).

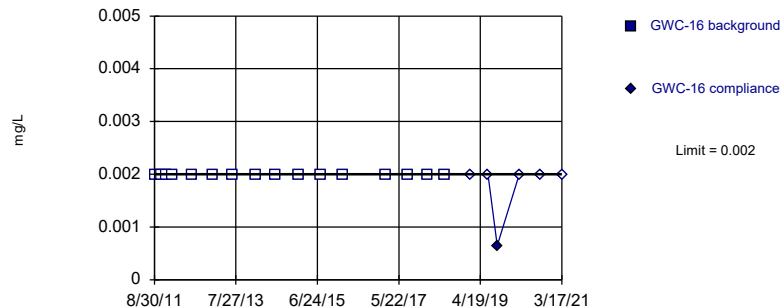
Constituent: Copper Analysis Run 4/27/2021 10:47 AM View: AI  
 Plant Wansley Client: Southern Company Data: Wansley Landfill



Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

Within Limit

### Prediction Limit Intrawell Non-parametric



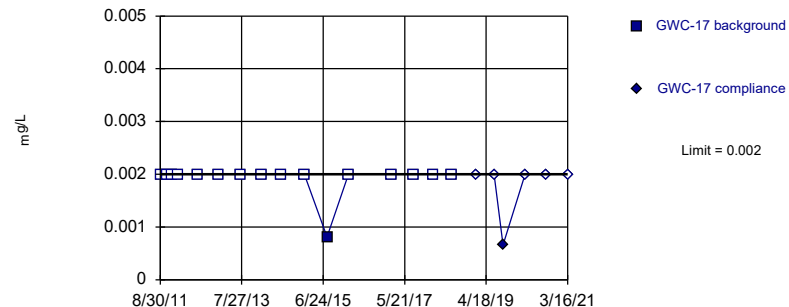
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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



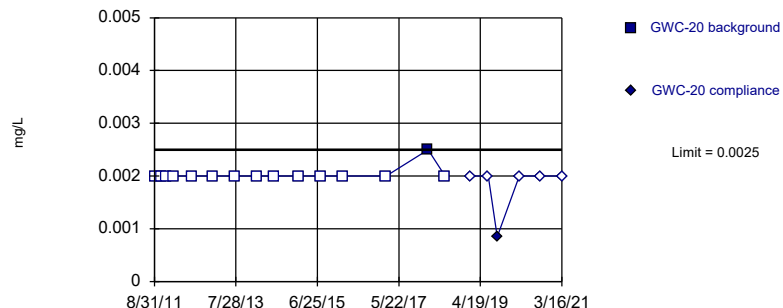
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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



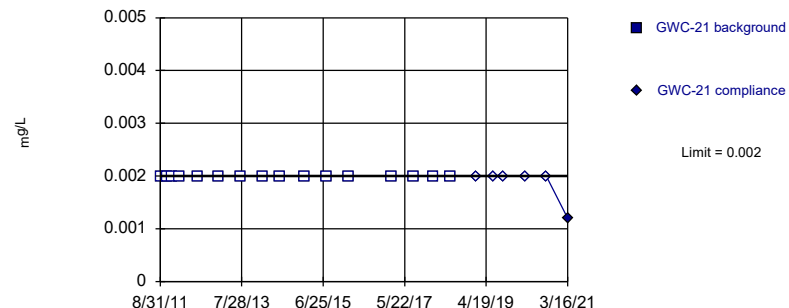
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

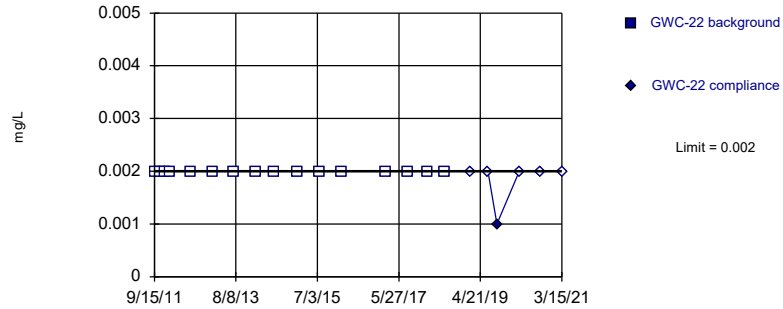


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

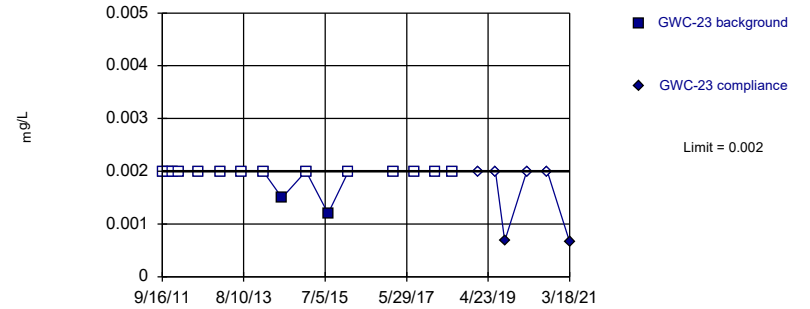


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

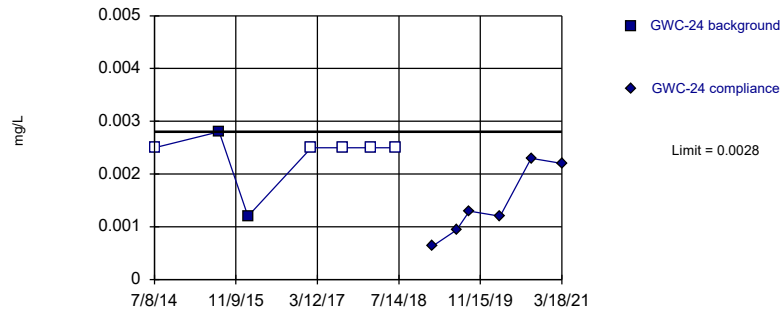


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

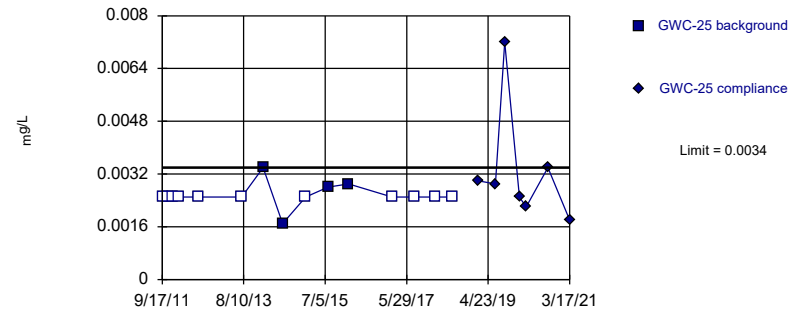


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 7 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

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

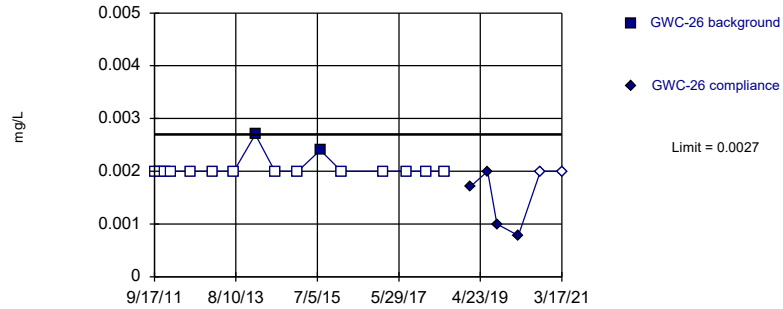


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

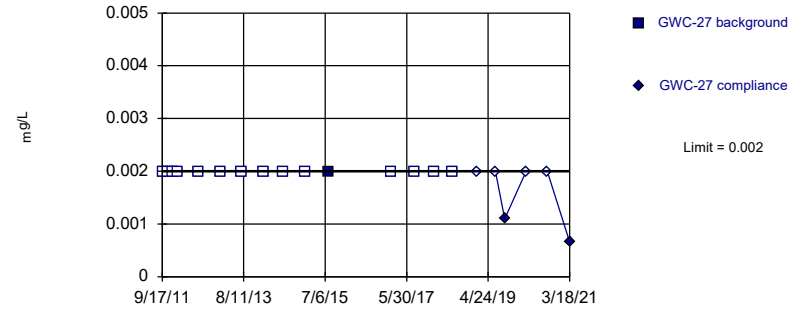


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

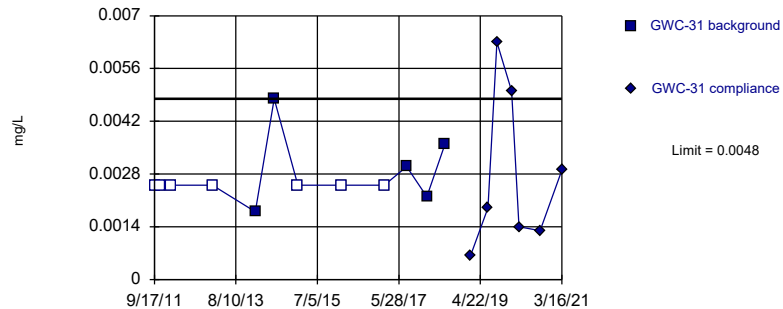


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

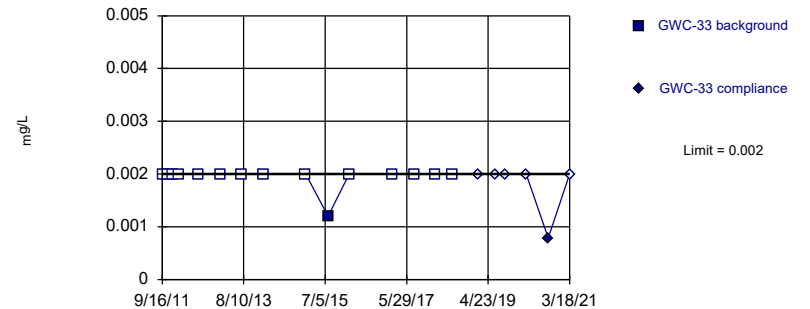


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

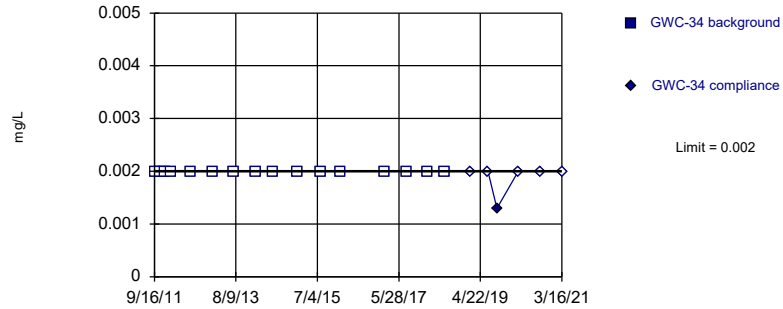


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

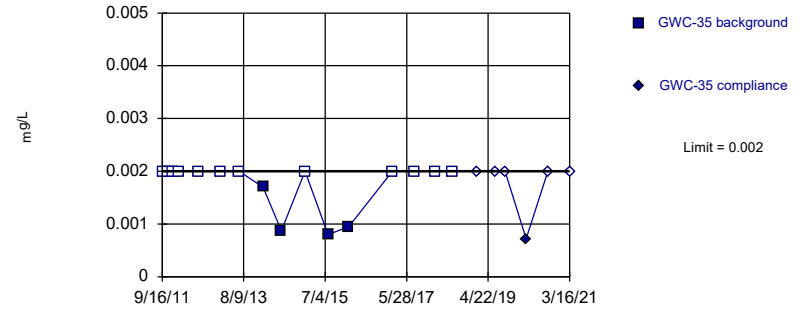


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

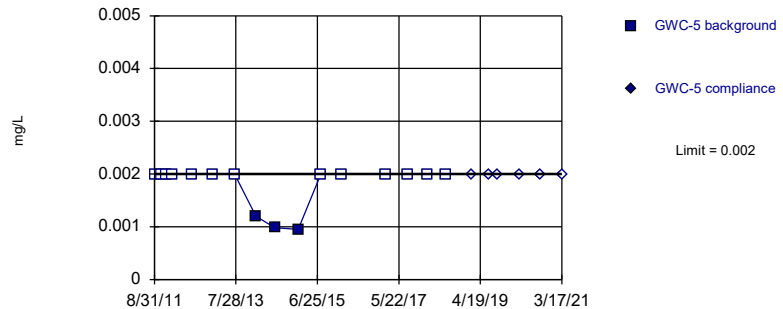


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

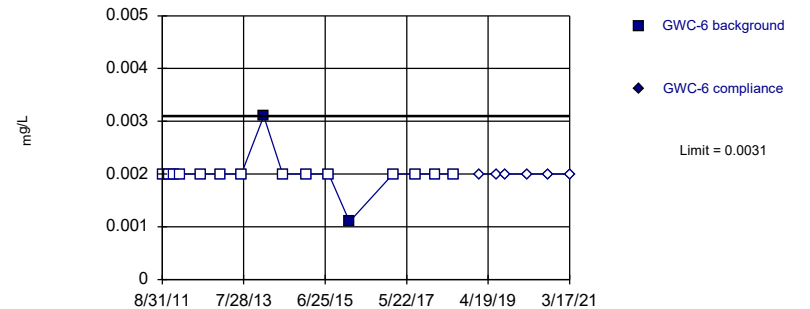


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

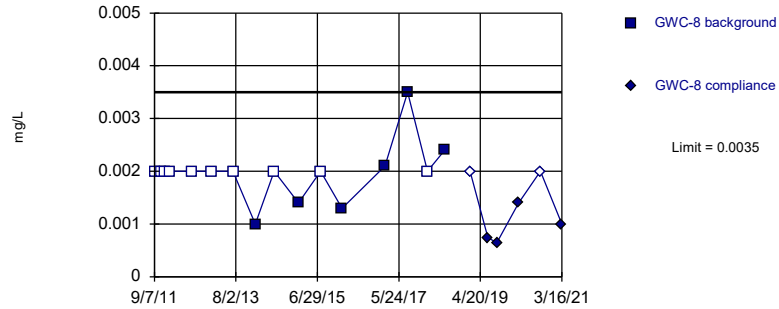


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

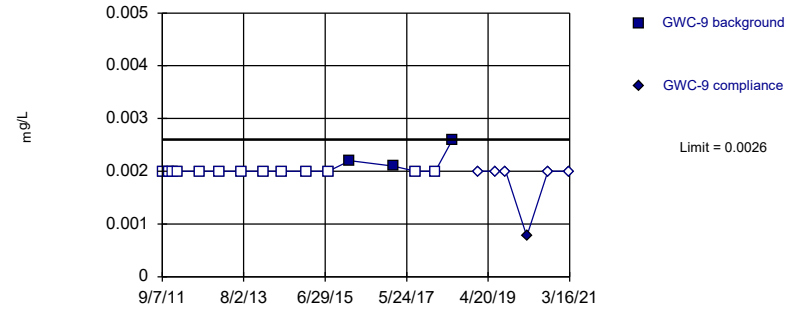


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

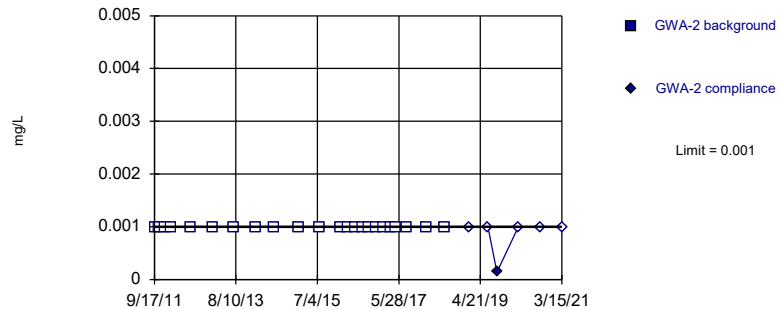


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

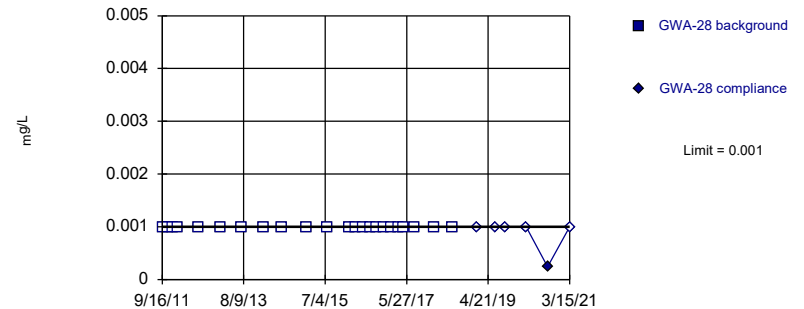


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

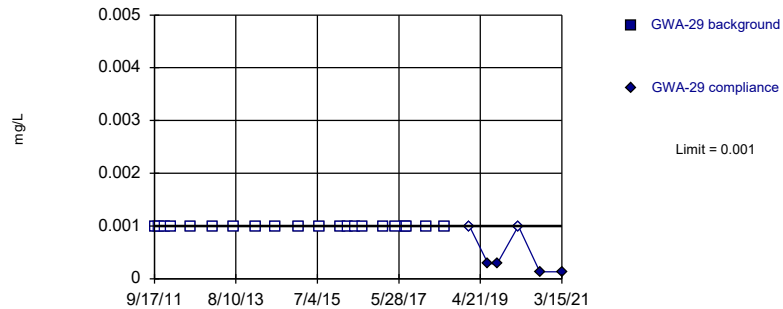


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

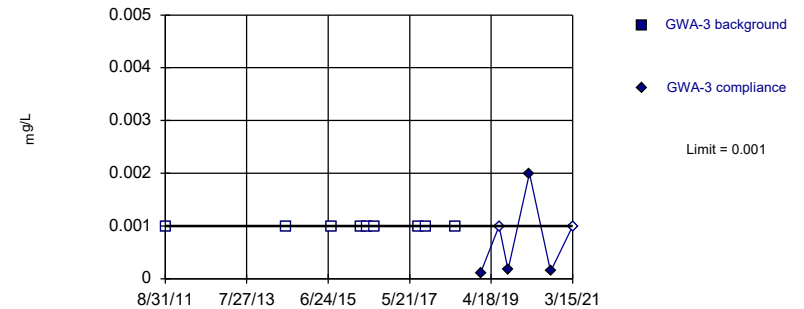


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

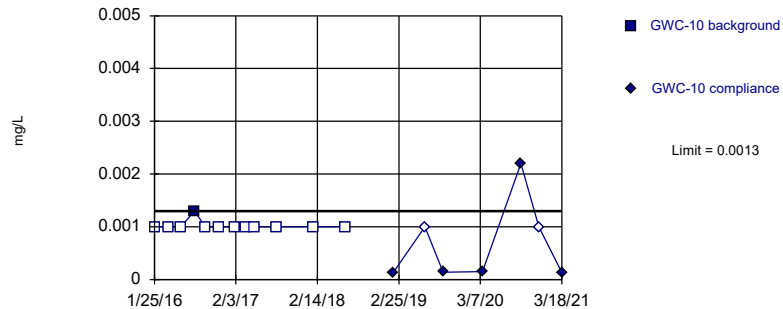


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 9) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

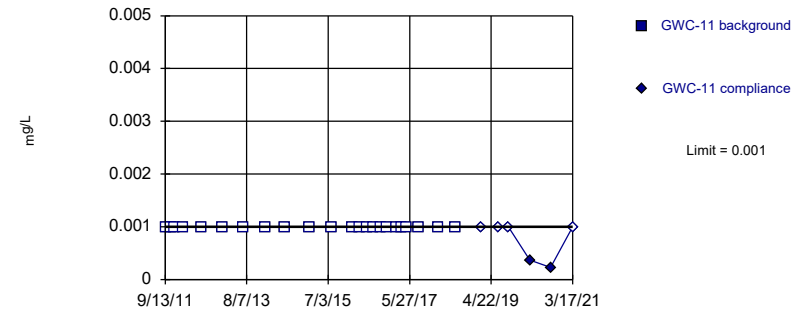


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

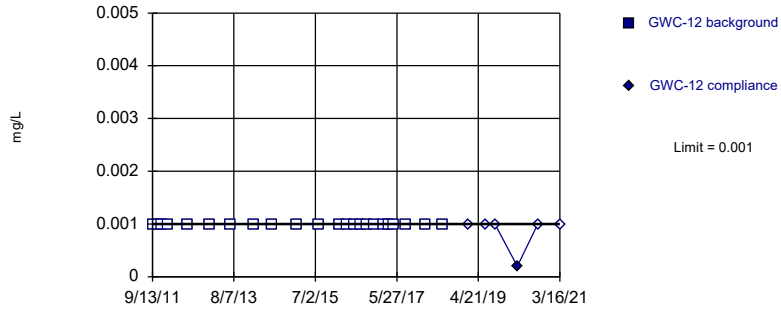


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

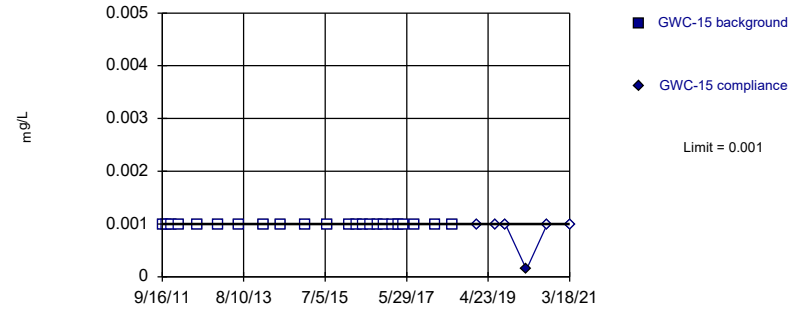


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

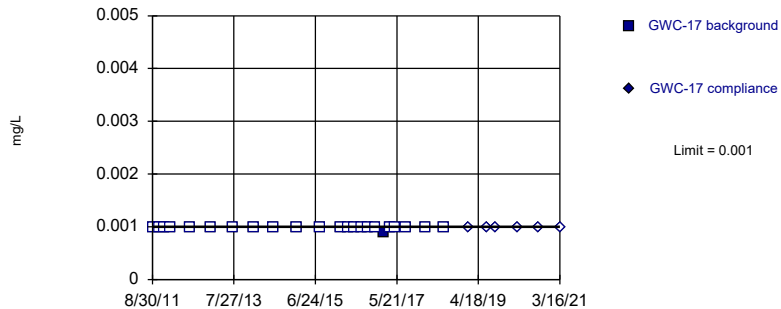


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

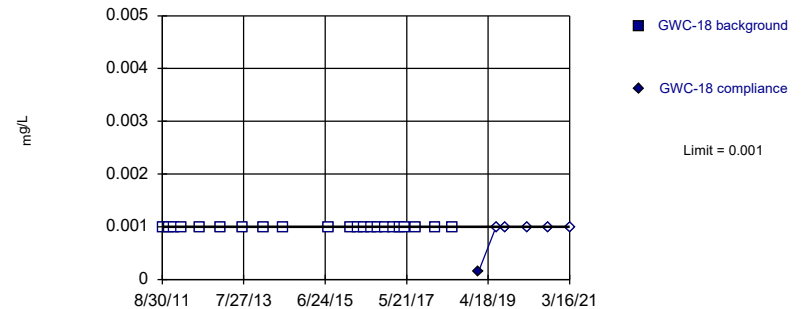


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

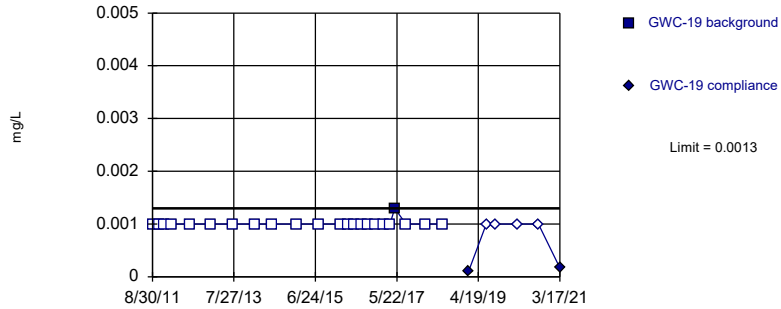


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

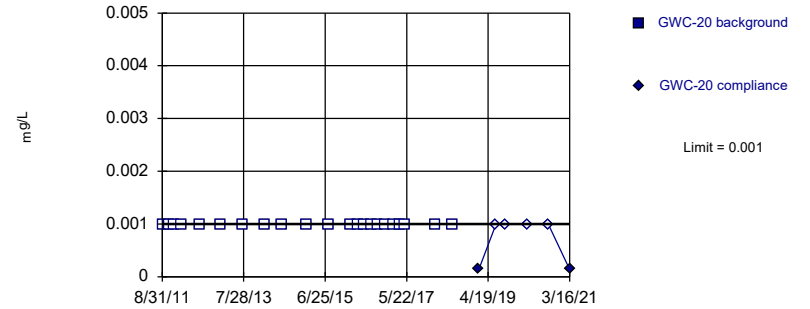


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

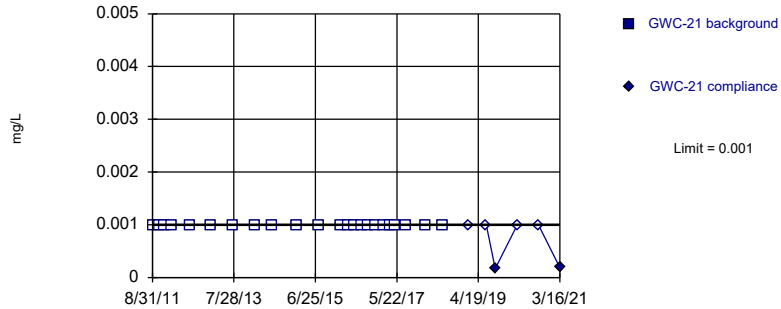


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

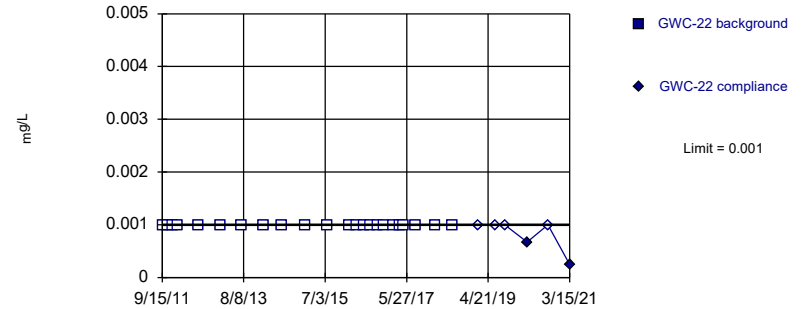


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



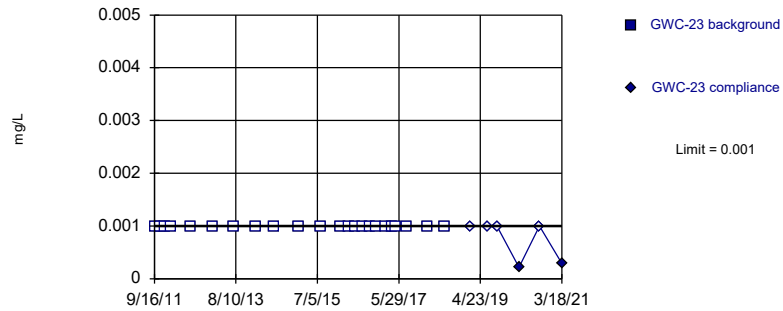
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

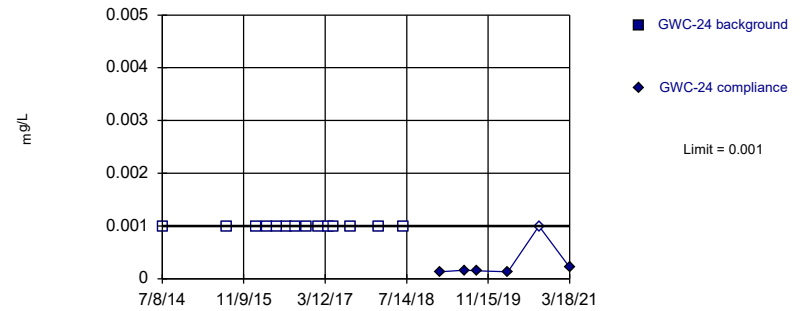


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

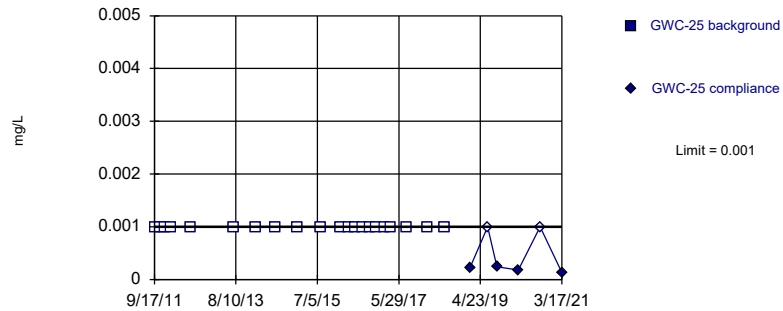


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 14) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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

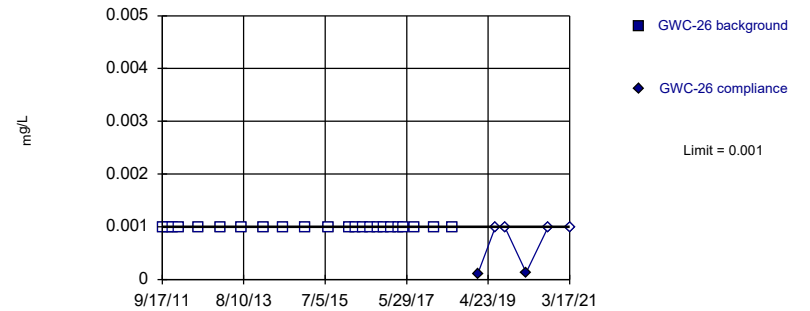


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

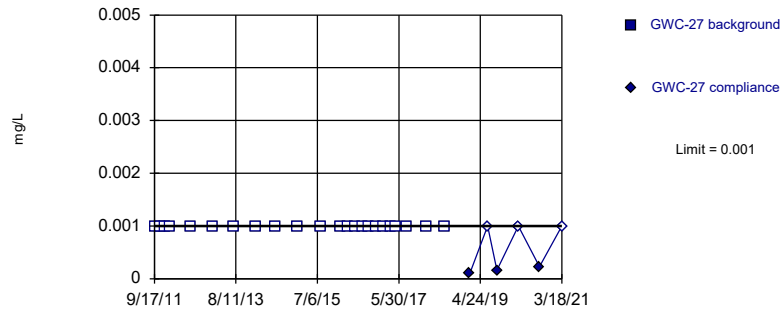


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

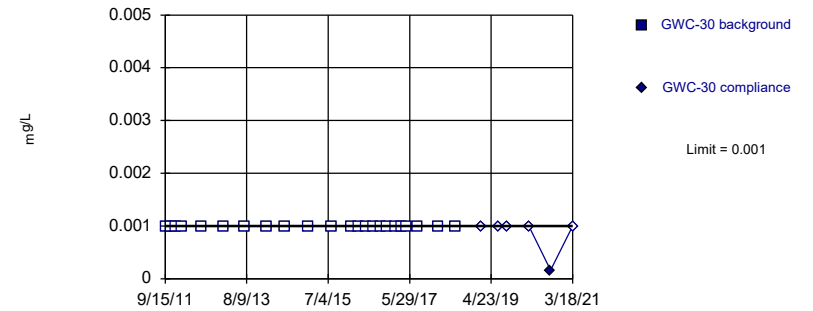


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

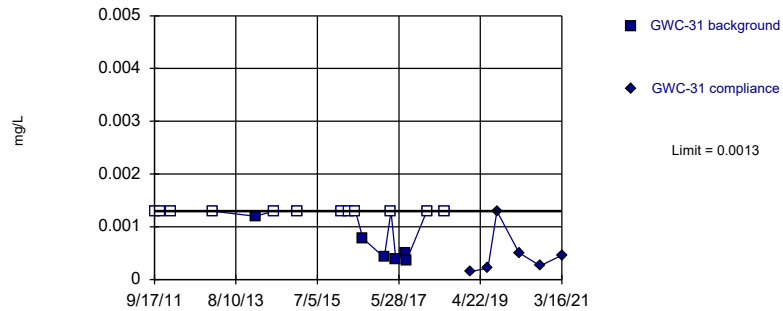


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

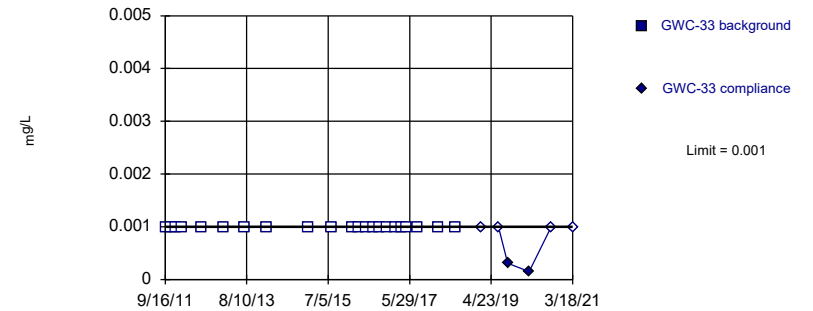


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

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

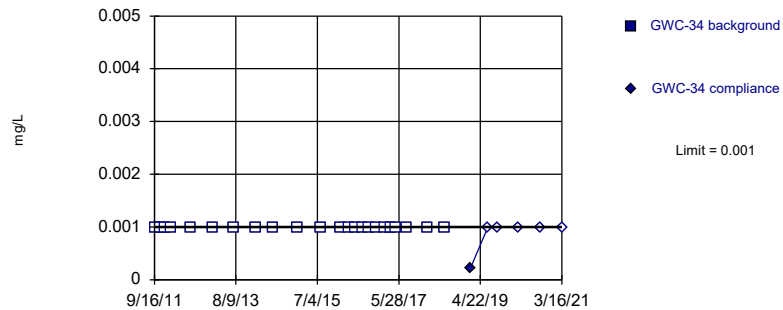


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

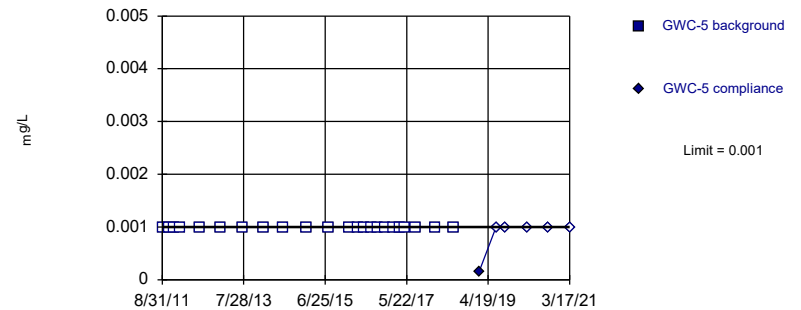


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

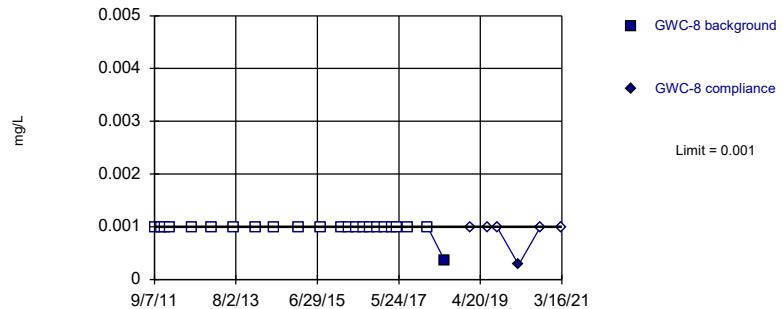


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

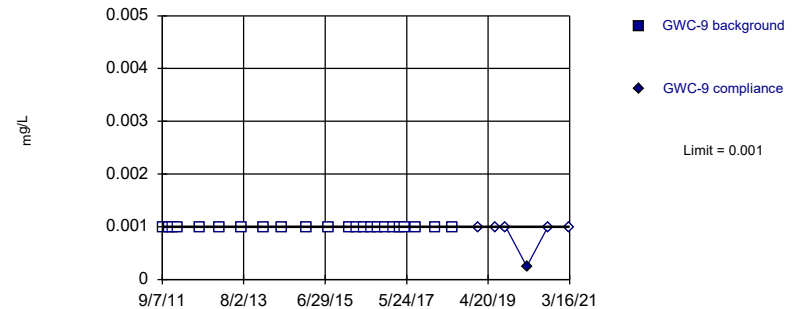


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

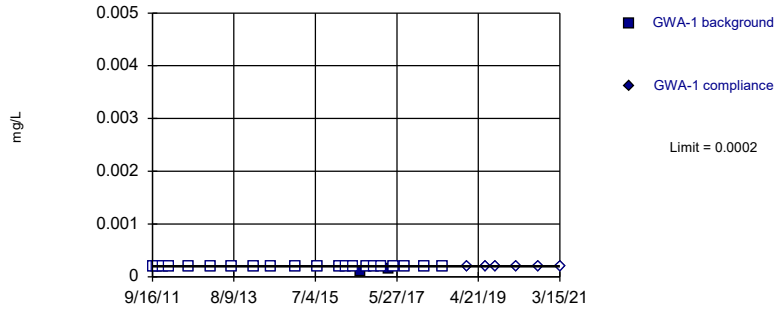


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

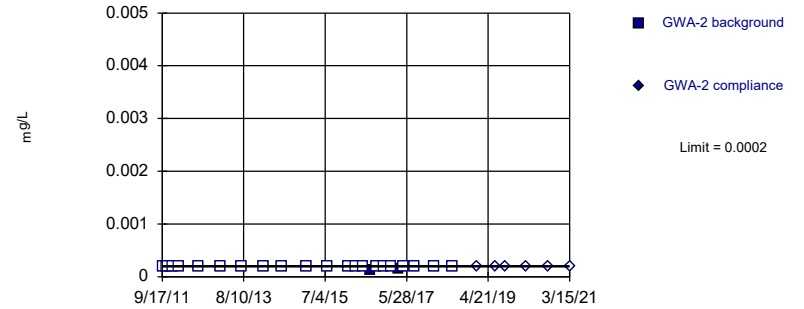


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

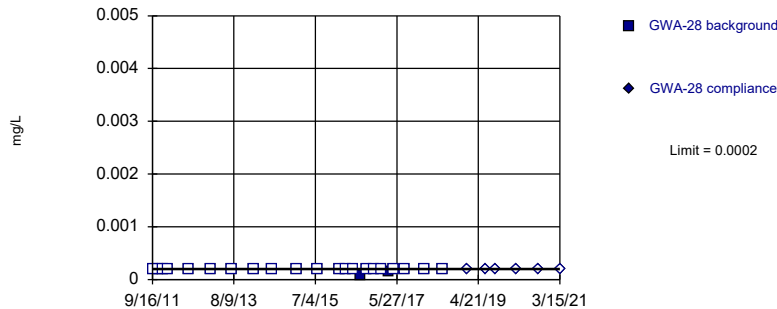


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

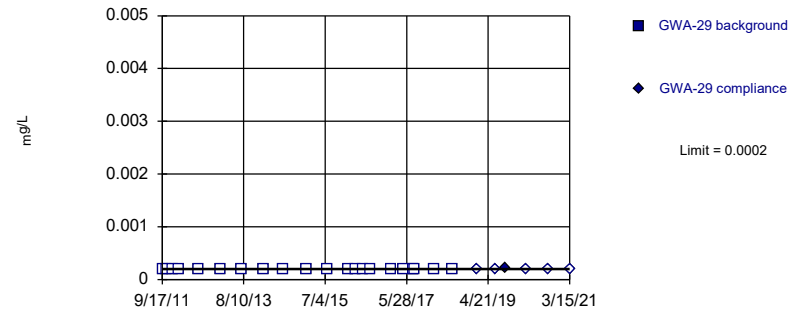


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

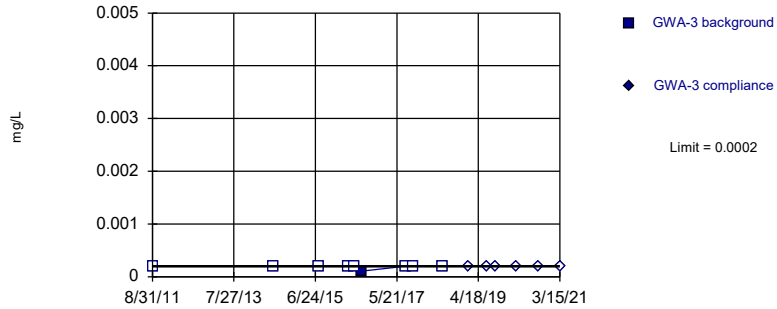


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

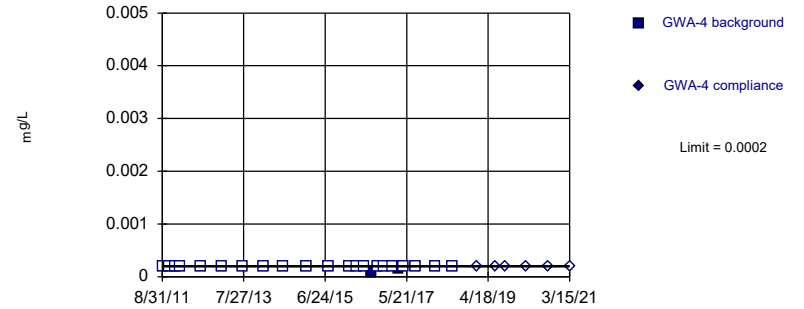


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

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

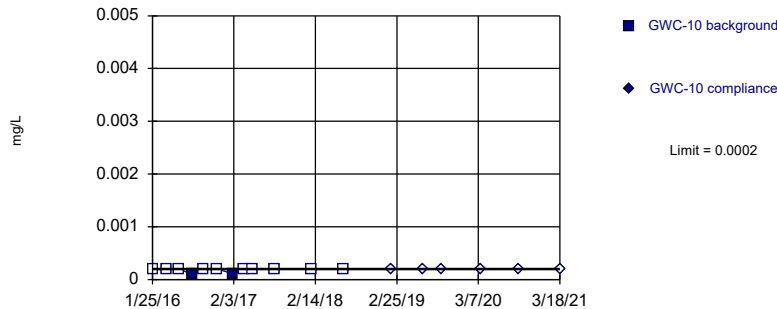


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

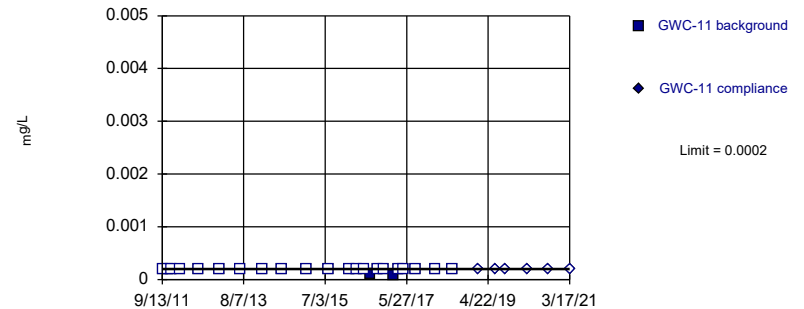


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

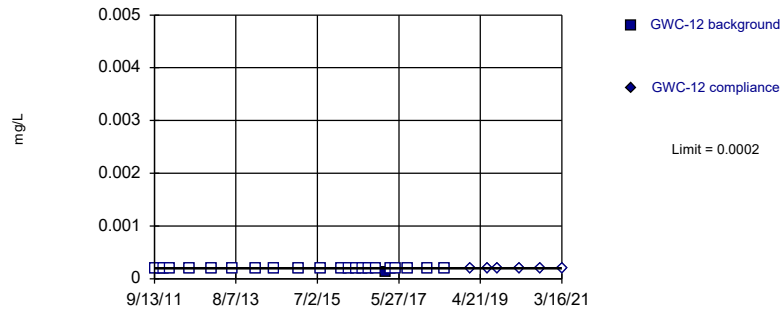


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

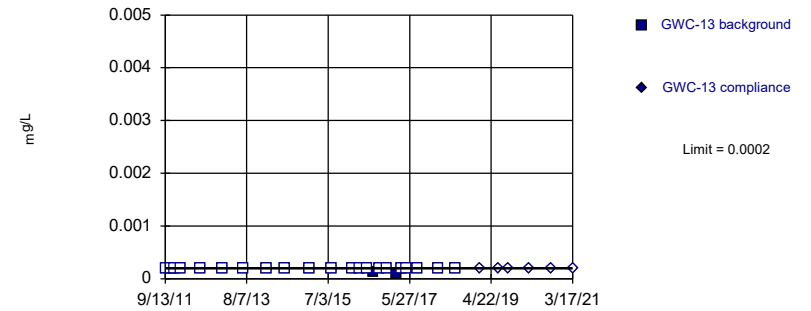


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

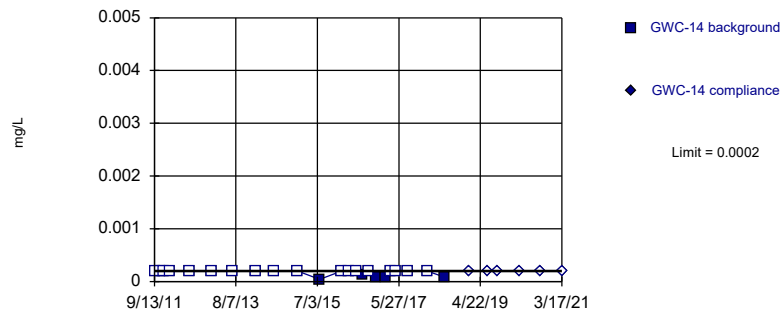


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

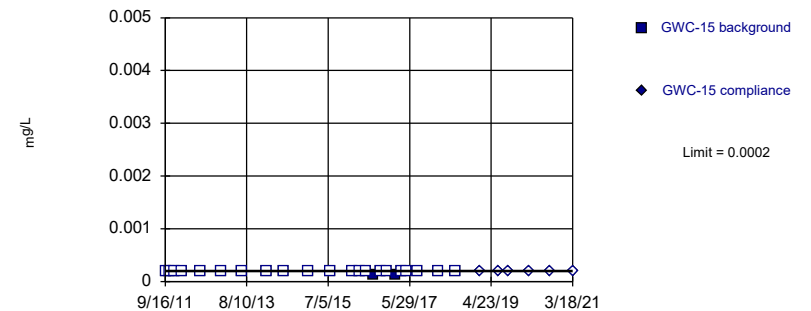


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

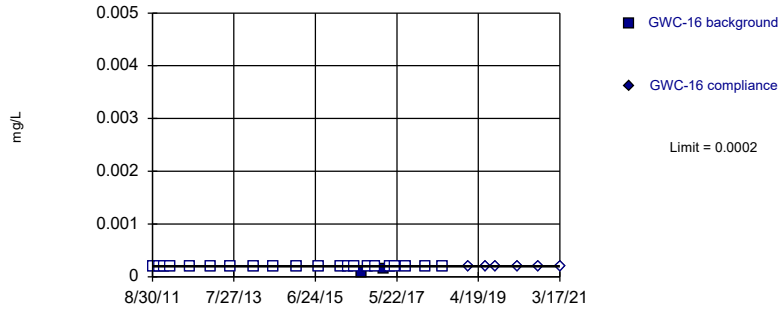


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

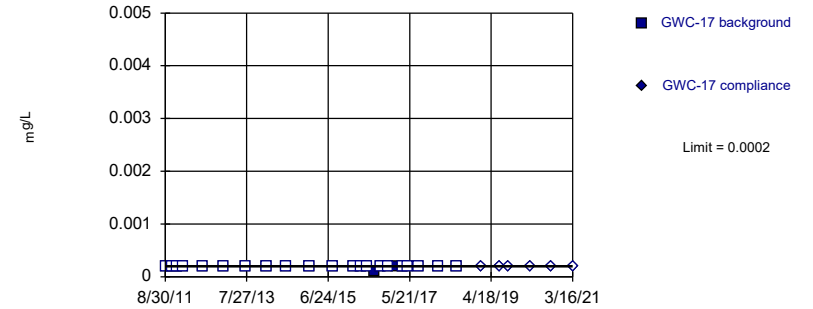


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

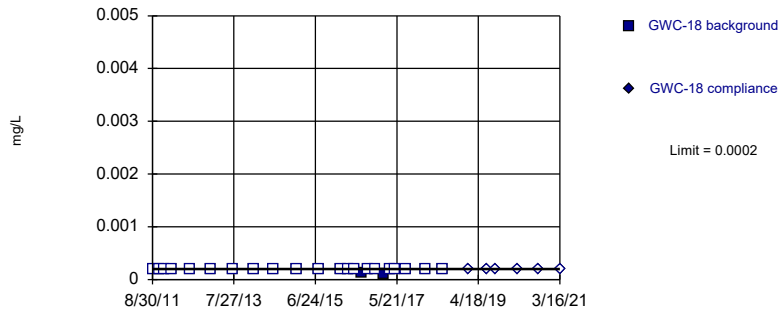


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

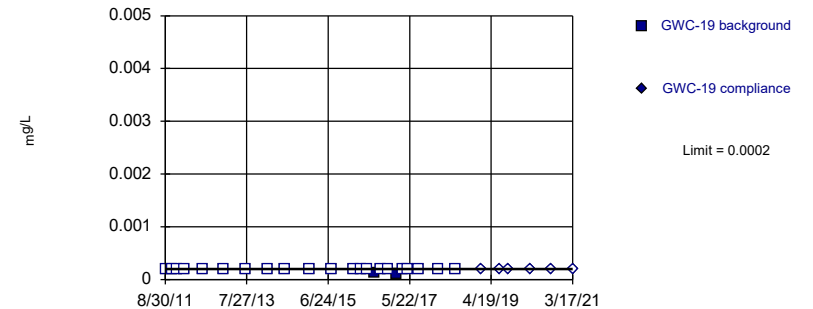


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

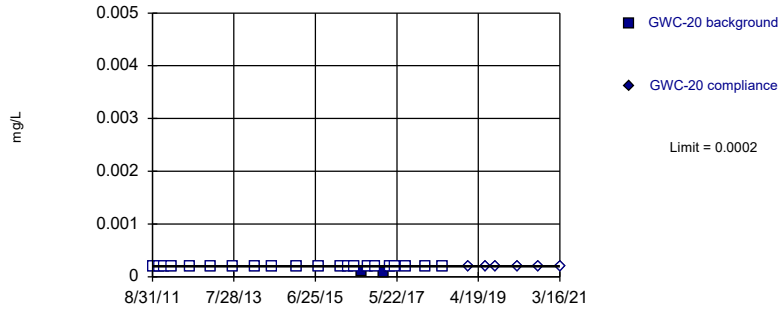


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

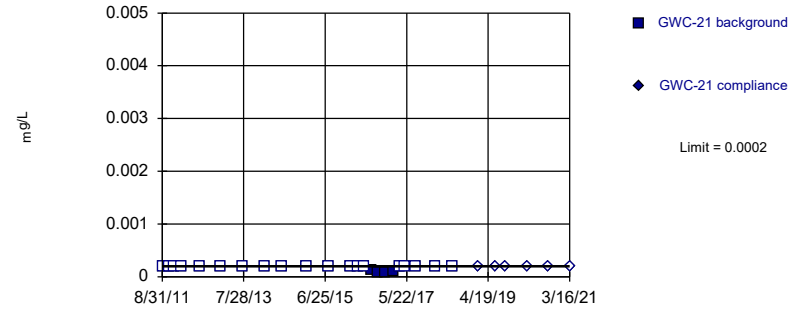


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

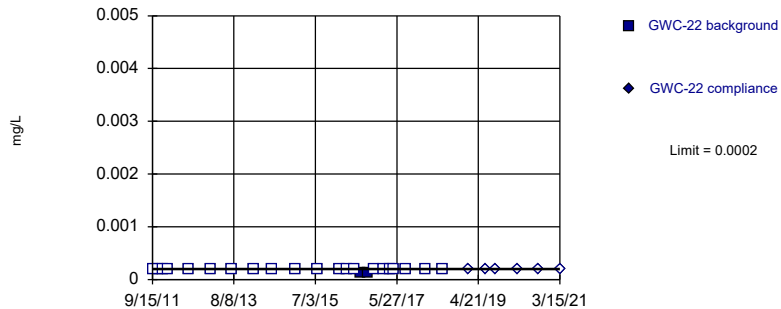


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

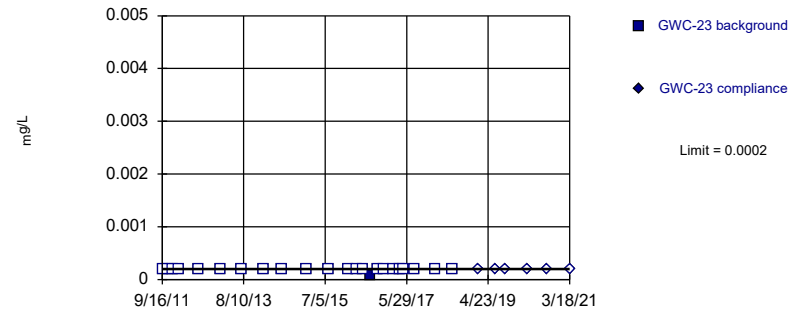


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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).

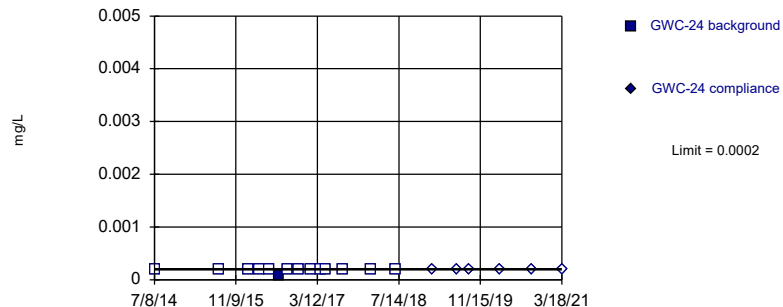
Constituent: Mercury Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill



Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

Within Limit

### Prediction Limit Intrawell Non-parametric



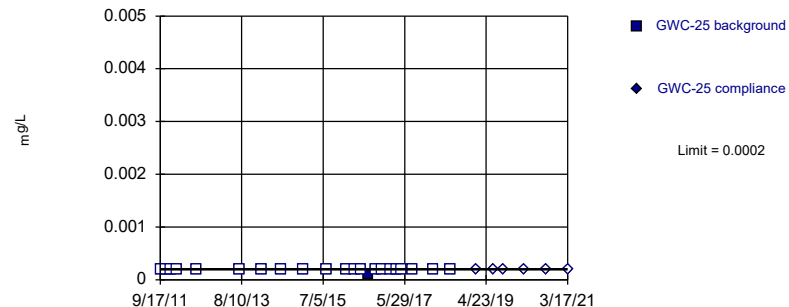
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

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



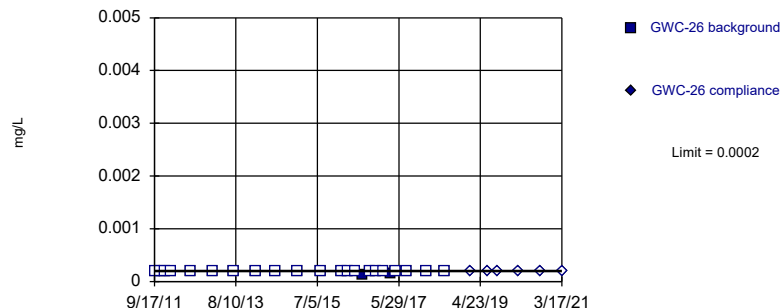
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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



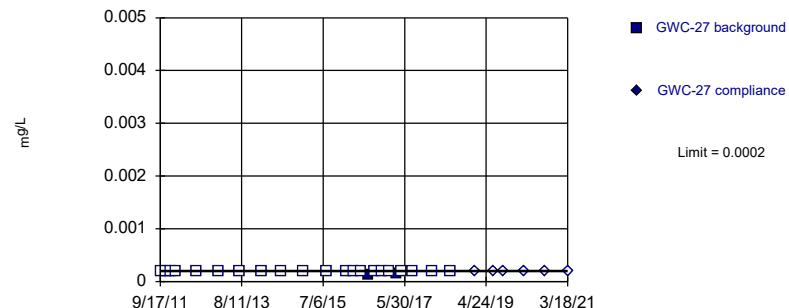
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

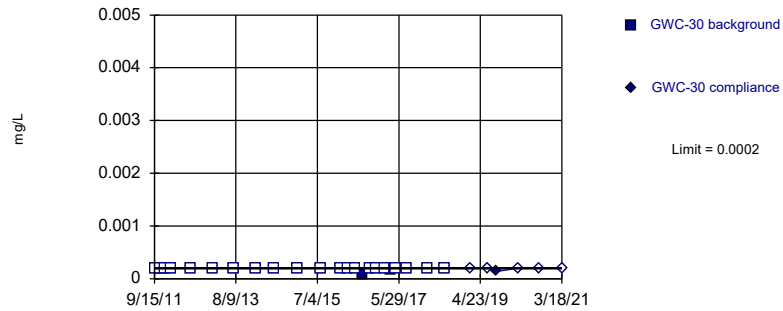


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

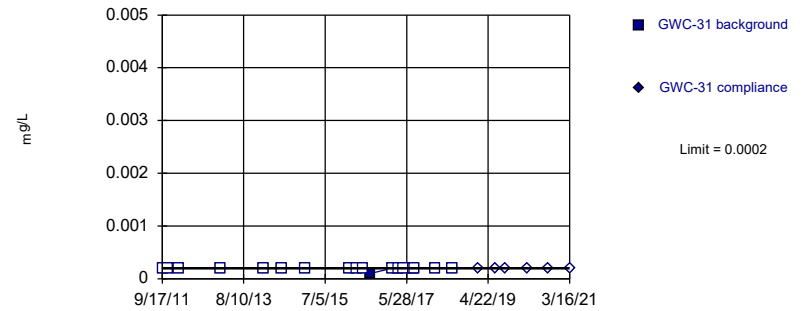


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

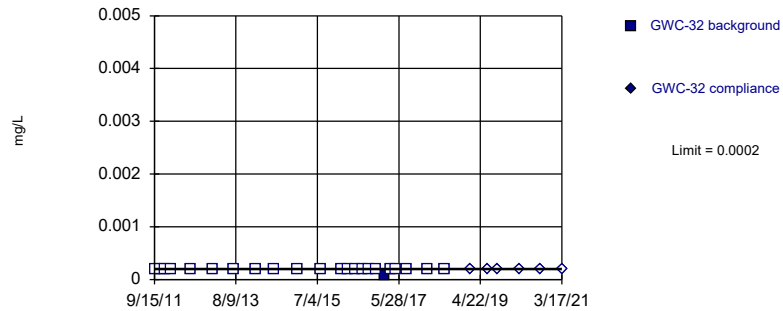


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001588. Individual comparison alpha = 0.0007943 (1 of 3).

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

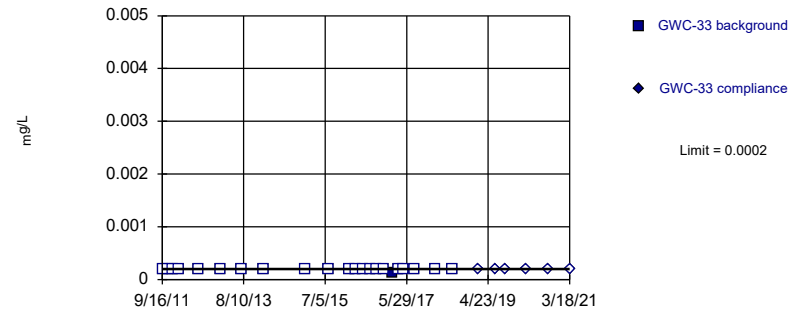


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

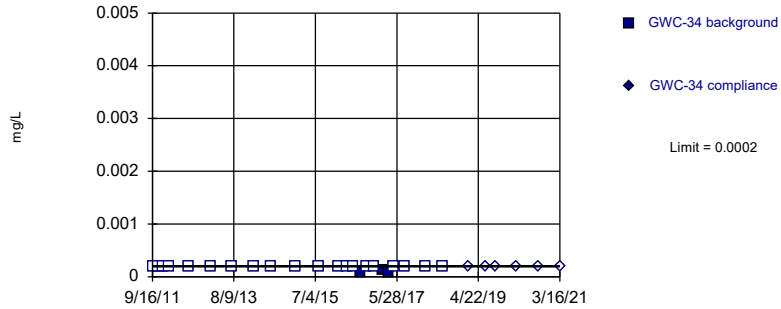


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

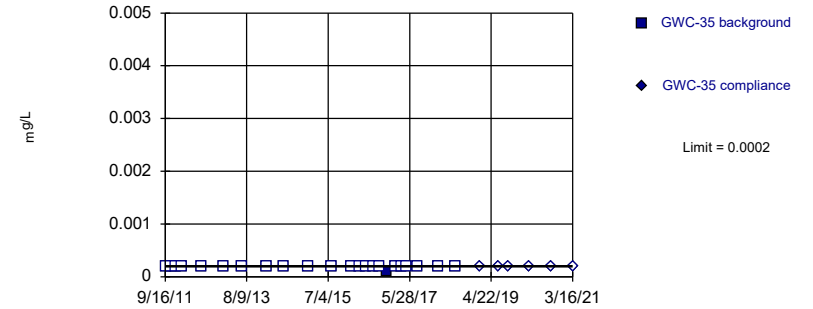


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

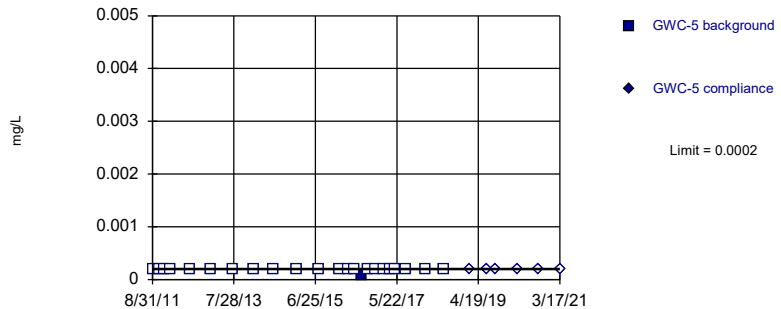


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

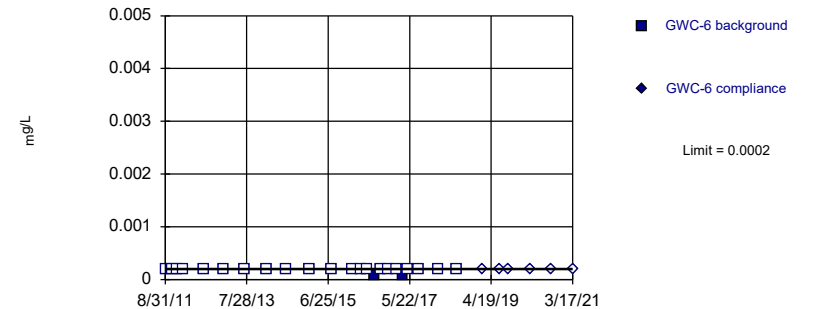


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

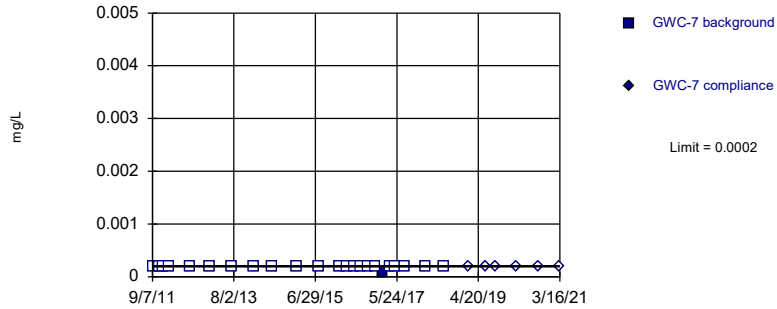


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

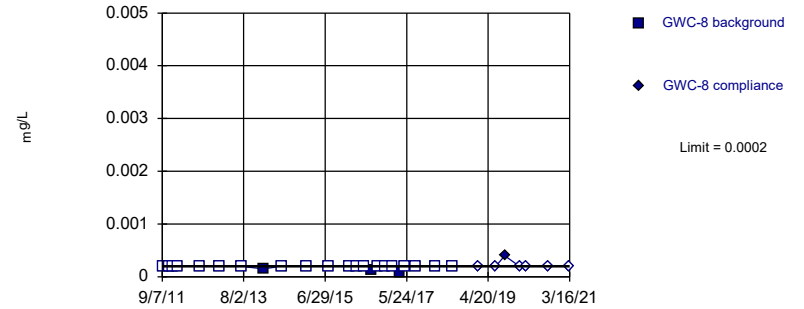


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

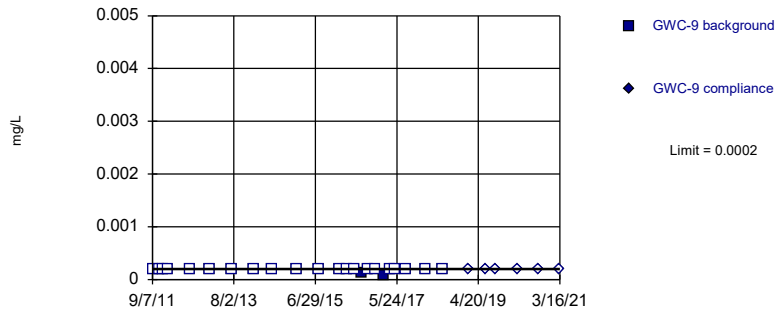


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

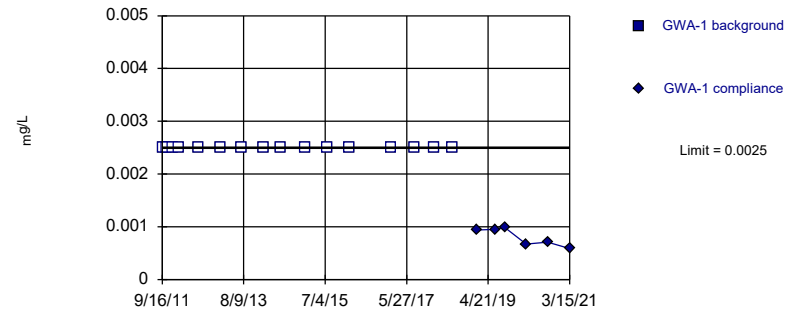


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

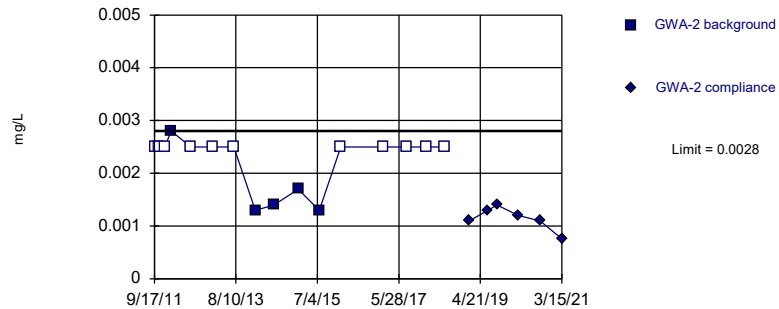


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

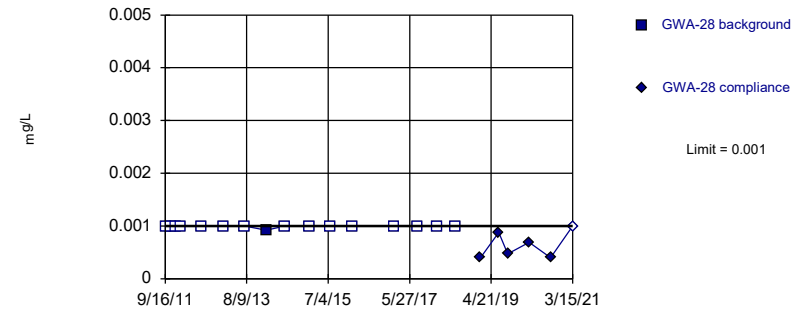


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

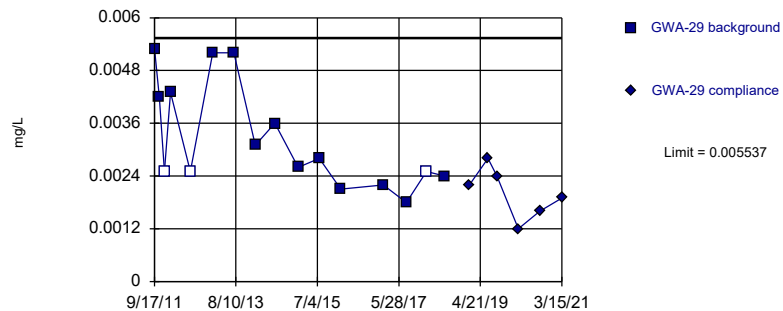


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

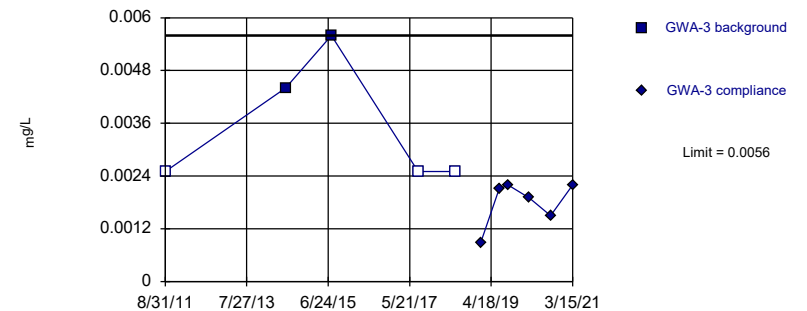


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003044, Std. Dev.=0.001124, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8635, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

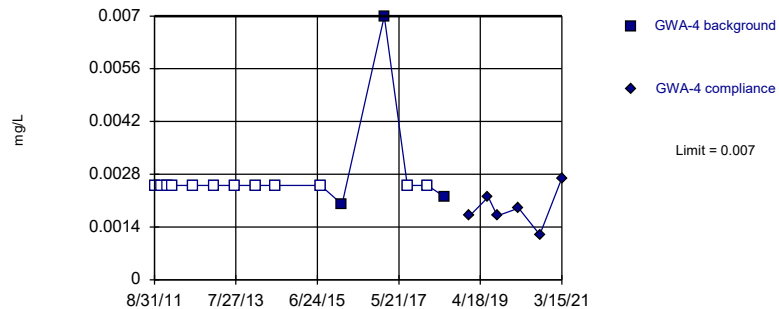


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 60% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

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

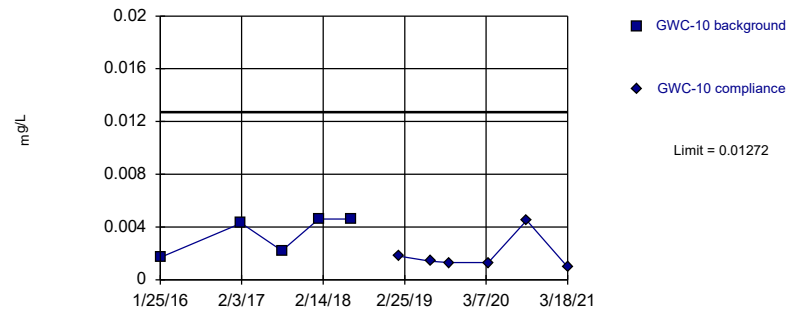


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

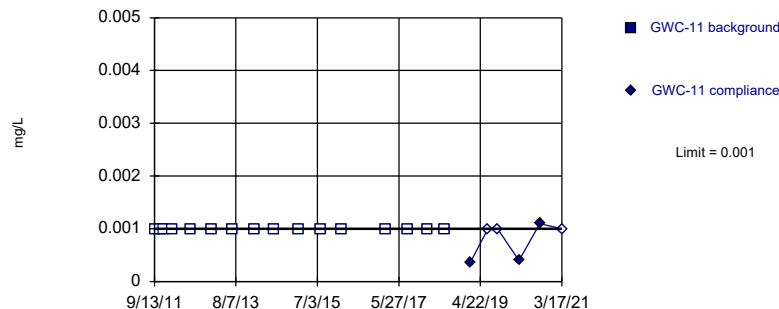


Background Data Summary: Mean=0.00348, Std. Dev.=0.001413, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7865, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

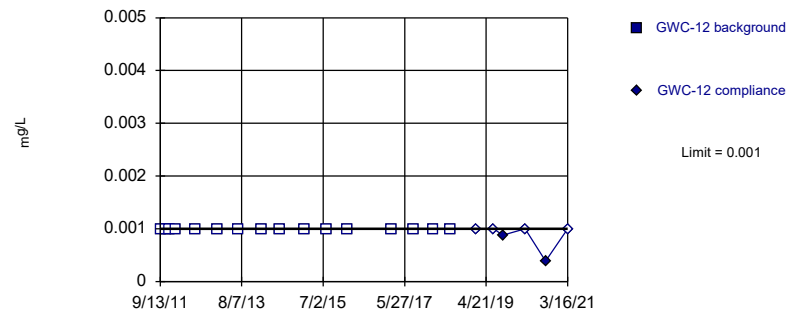


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

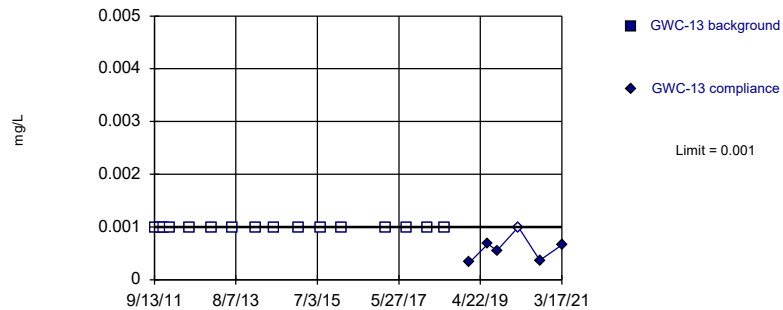


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

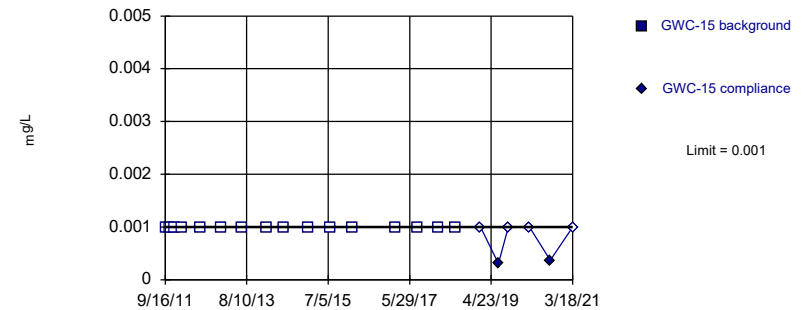


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

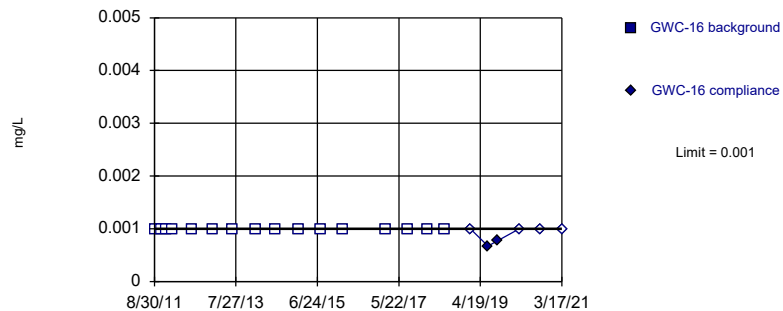


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

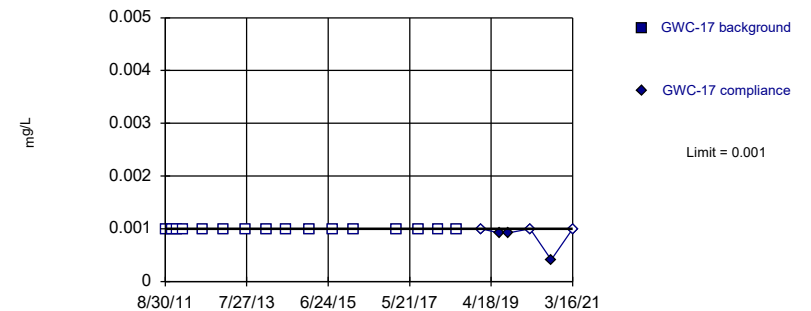


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

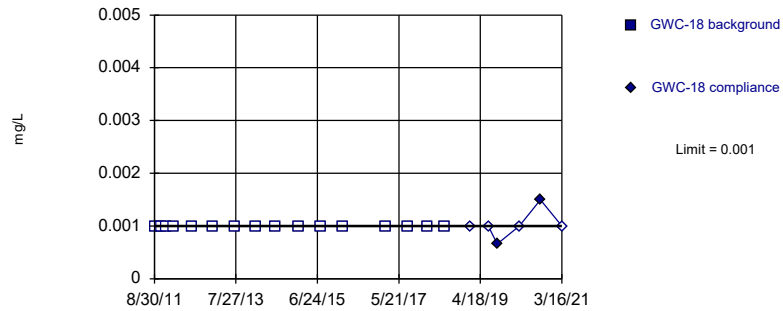


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

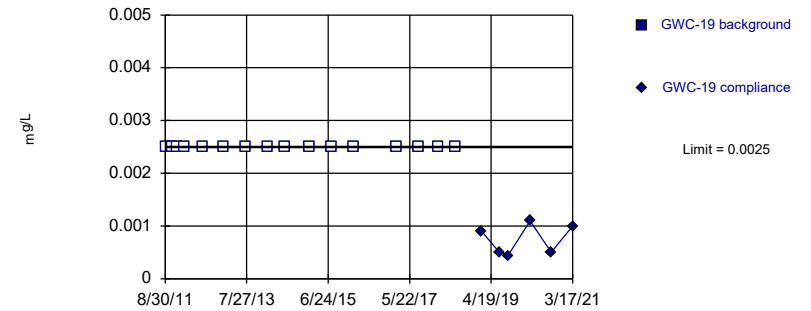


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

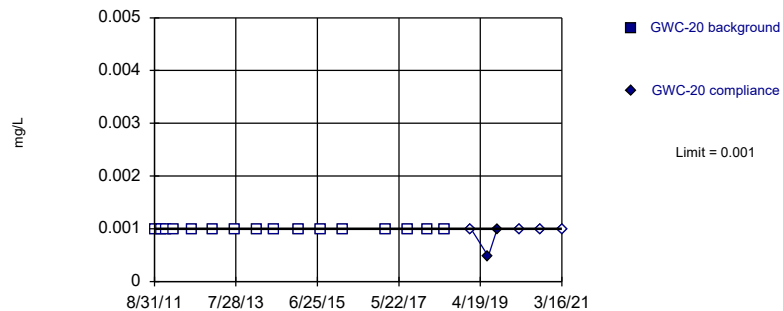


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

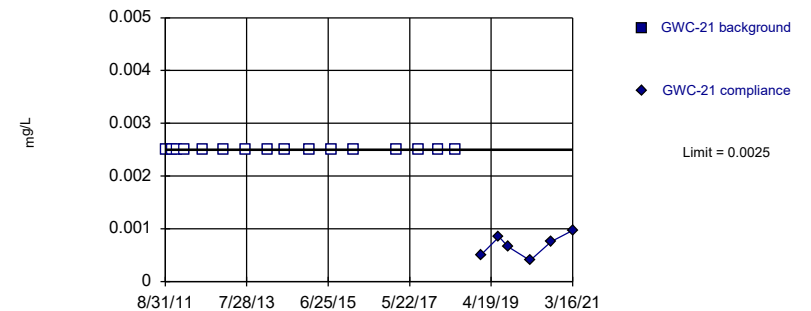


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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



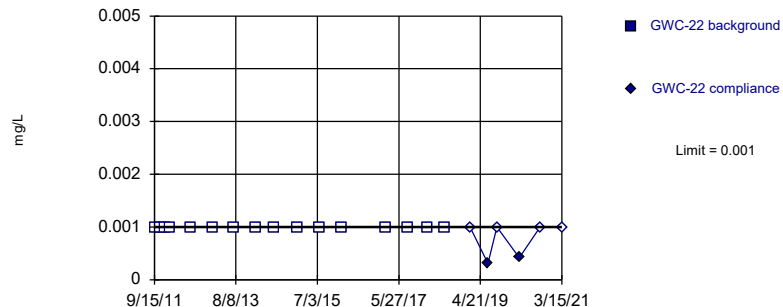
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill



Within Limit

Prediction Limit  
Intrawell Non-parametric

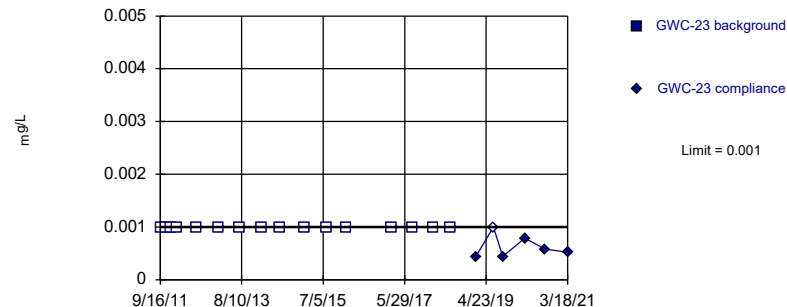


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

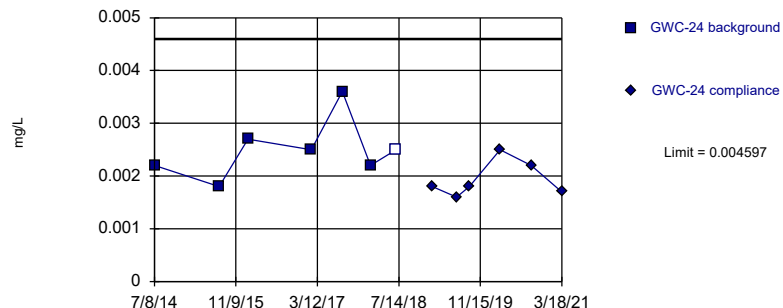


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

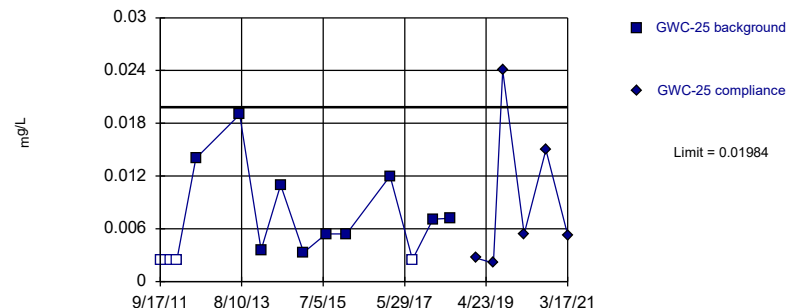


Background Data Summary: Mean=0.0025, Std. Dev.=0.0005657, n=7, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9014, critical = 0.73. Kappa = 3.706 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

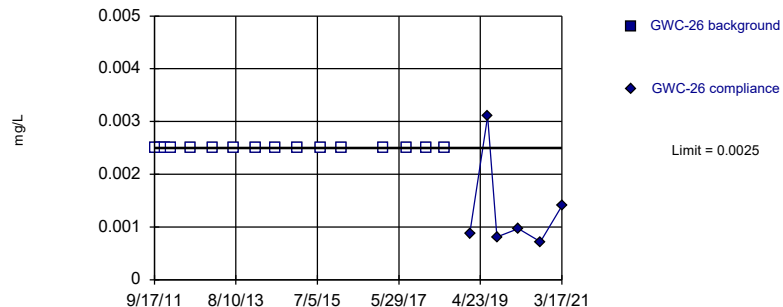


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.07554, Std. Dev.=0.0286, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8657, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

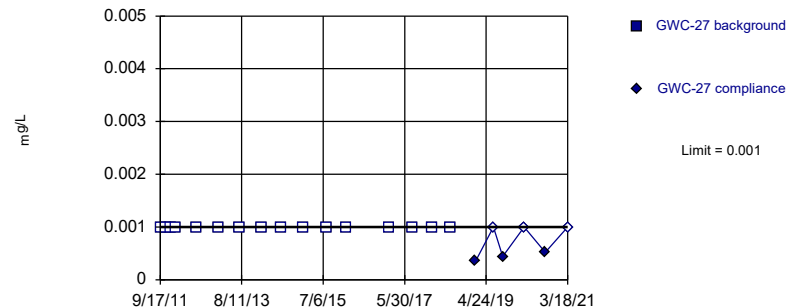


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

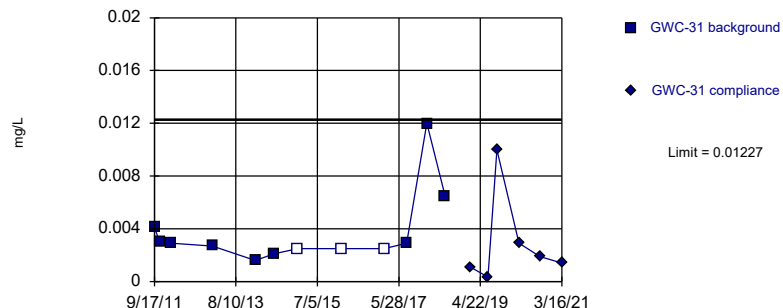


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

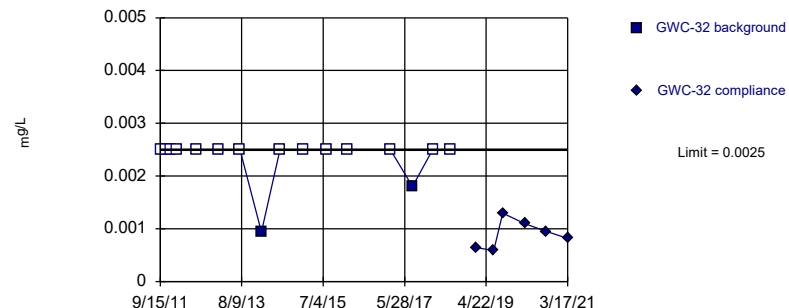


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-5.856, Std. Dev.=0.5866, n=12, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

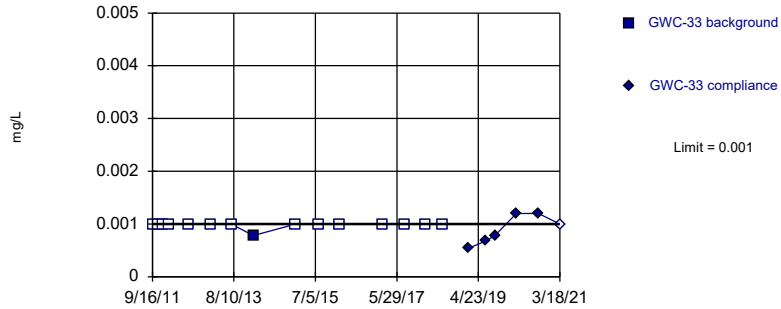


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

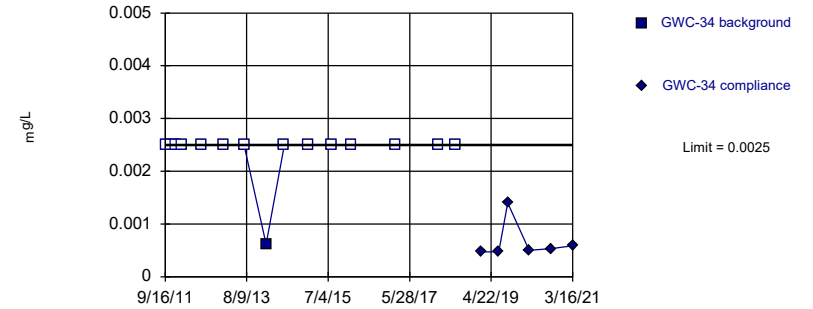


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

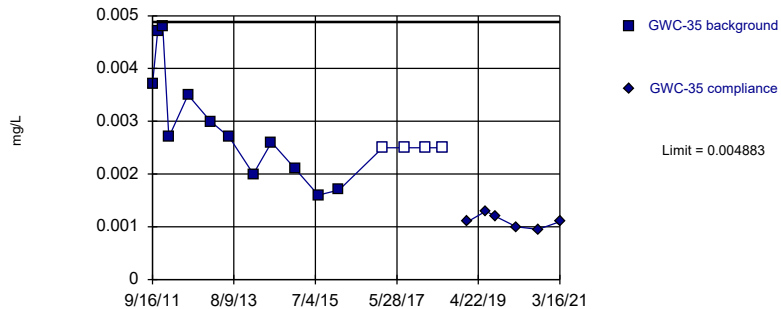


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

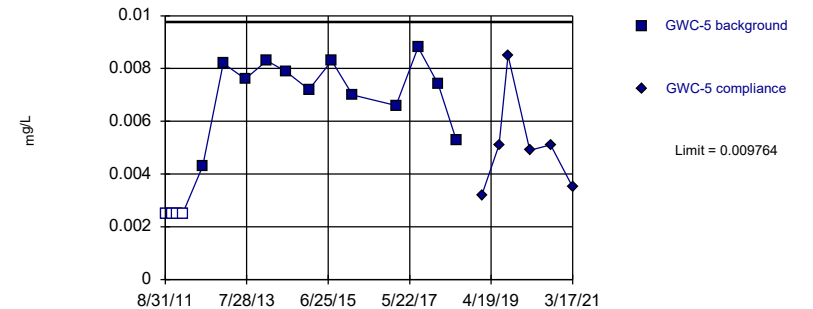


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002608, Std. Dev.=0.001025, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8853, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

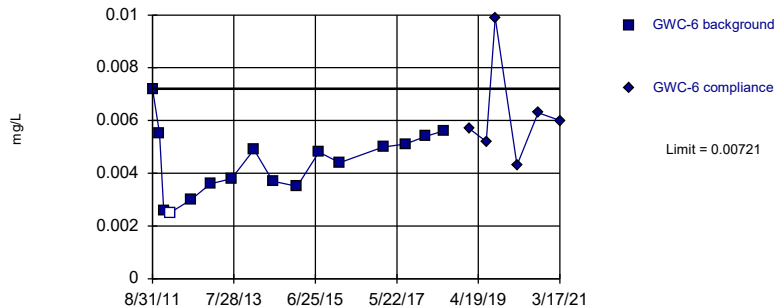


Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.00003998, Std. Dev.=0.00002495, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

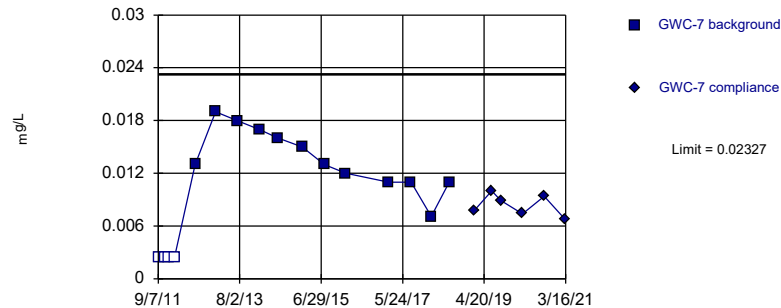


Background Data Summary: Mean=0.004412, Std. Dev.=0.001261, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9588, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

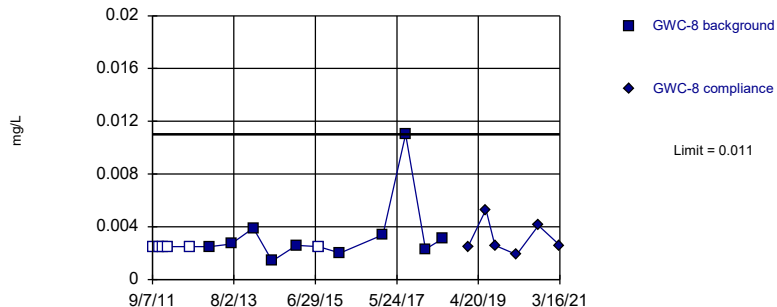


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.009385, Std. Dev.=0.006258, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8939, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

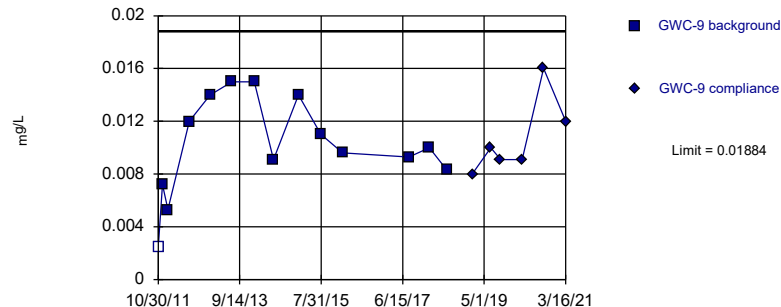


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Nickel Analysis Run 4/27/2021 10:48 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

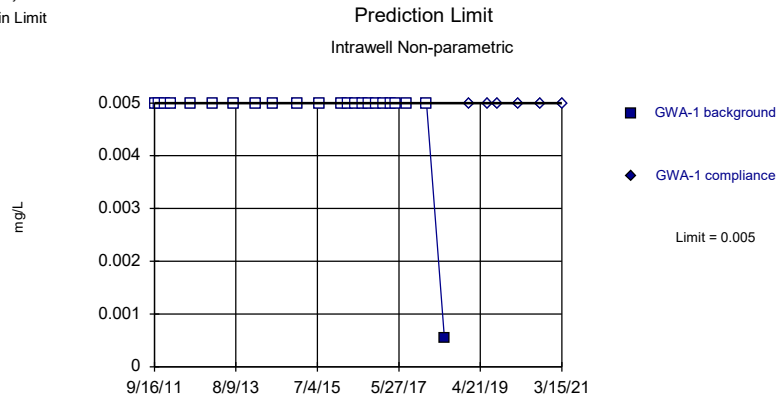
Prediction Limit  
Intrawell Parametric



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

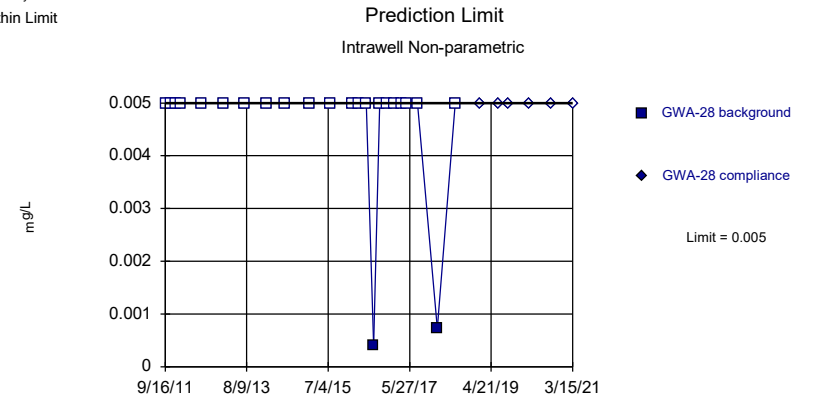
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

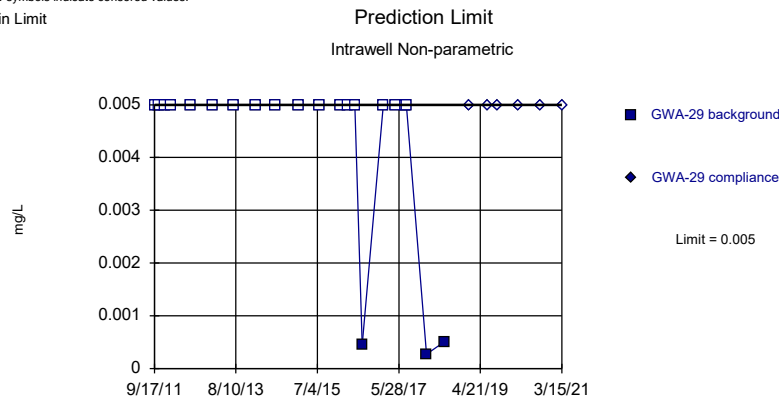
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 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

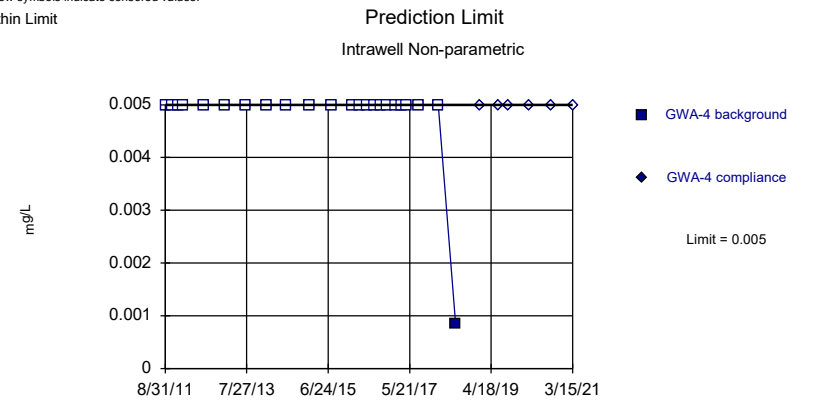
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

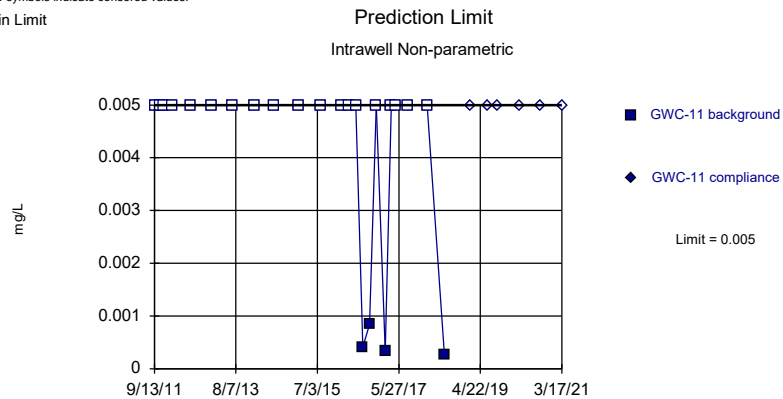
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

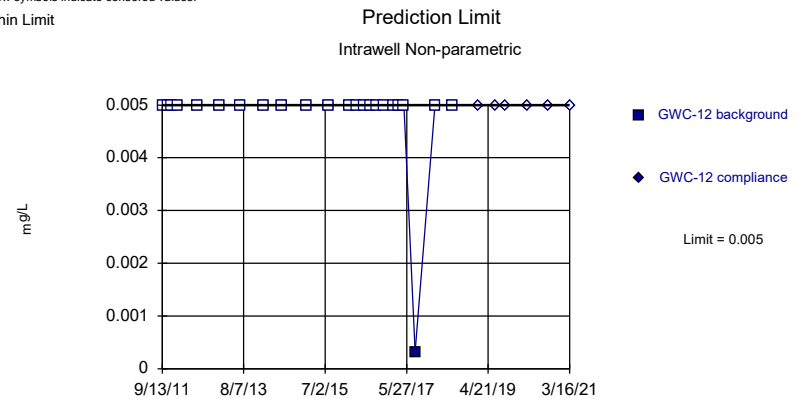
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

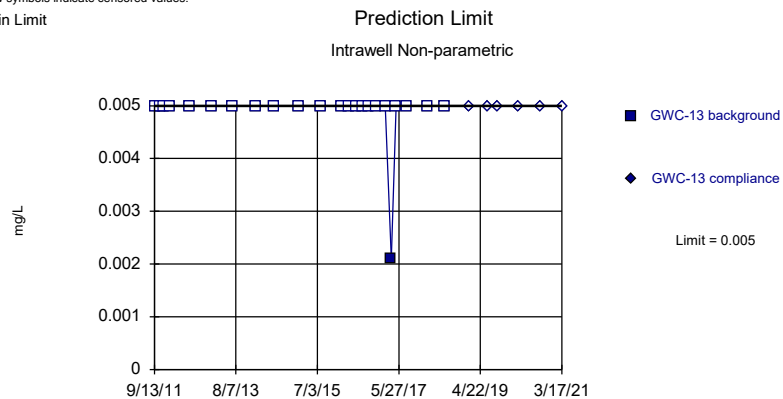
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

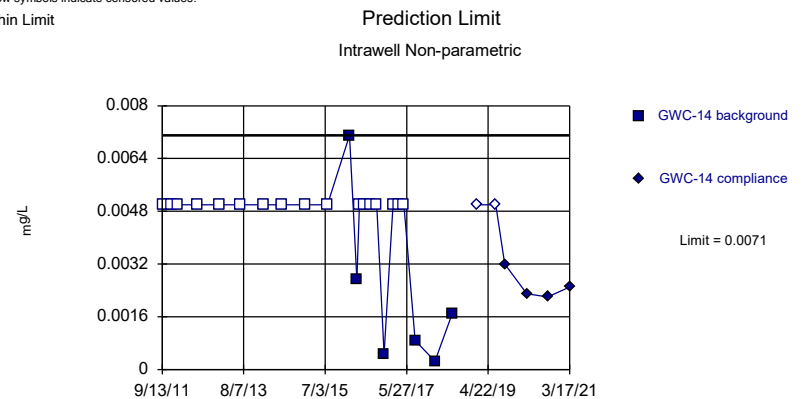
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

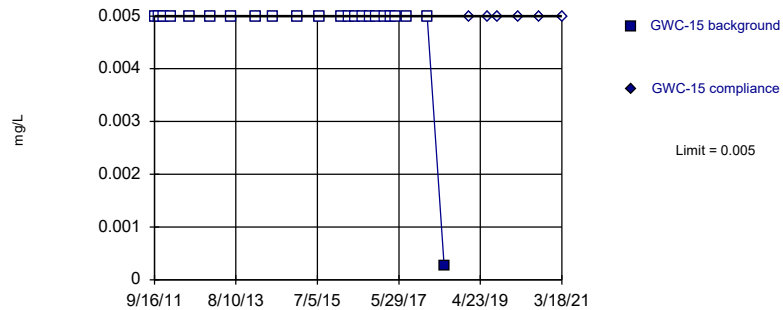


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 75% NDs. Well-constituent pair annual alpha = 0.0007123. Individual comparison alpha = 0.0003562 (1 of 3).

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

### Prediction Limit Intrawell Non-parametric

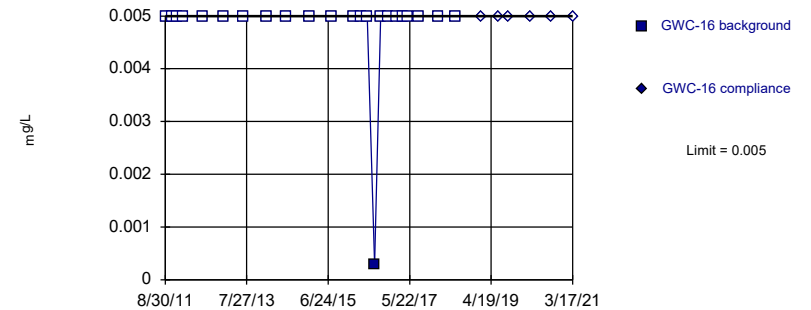


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 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

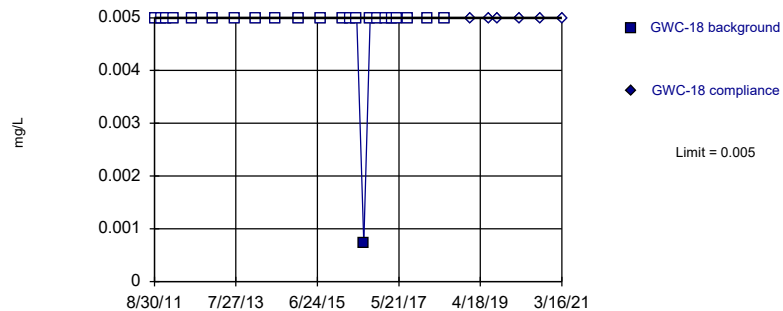


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: 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

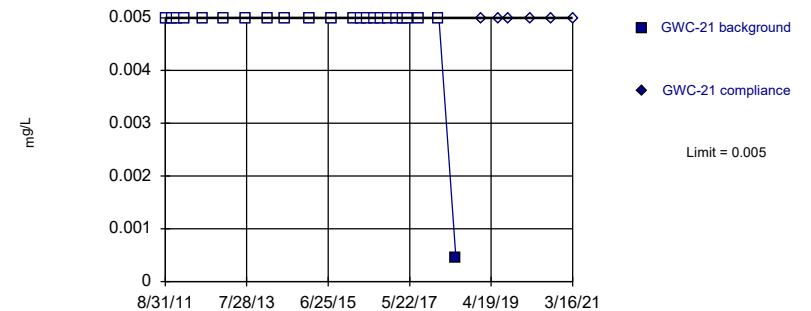


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

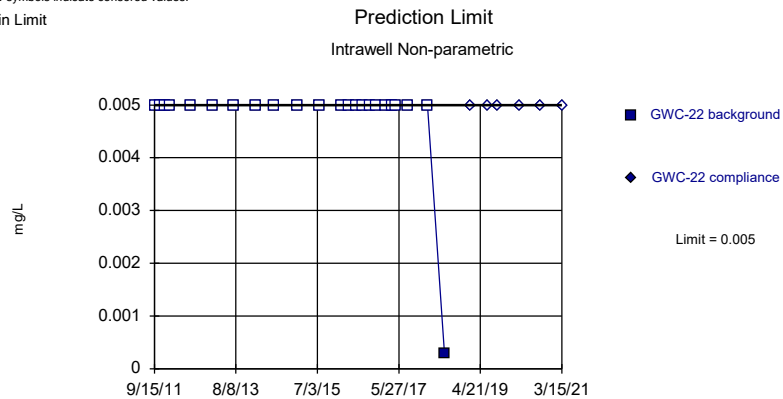
### Prediction Limit Intrawell Non-parametric



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 10:49 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

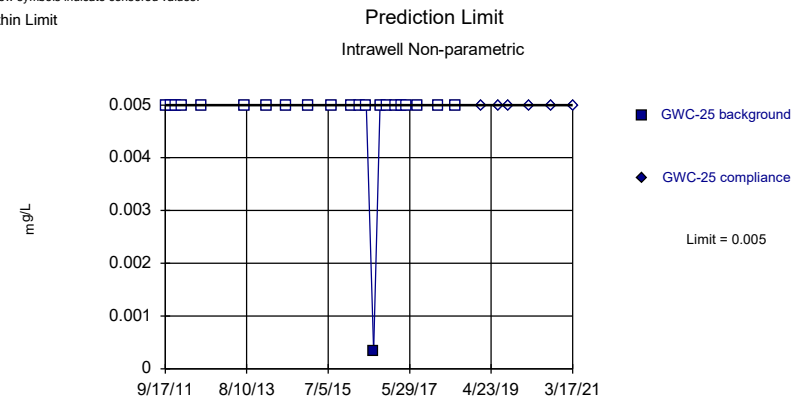
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

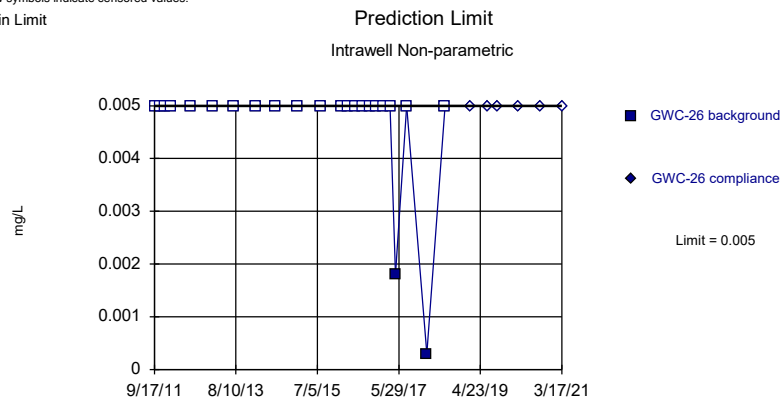
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

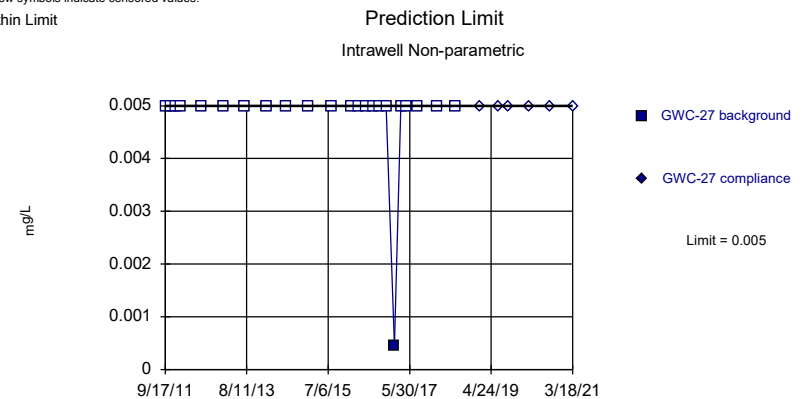
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

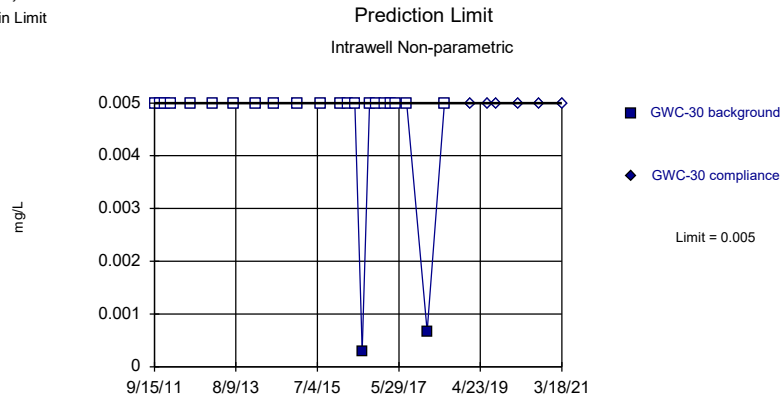


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

Constituent: Selenium Analysis Run 4/27/2021 10:49 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill



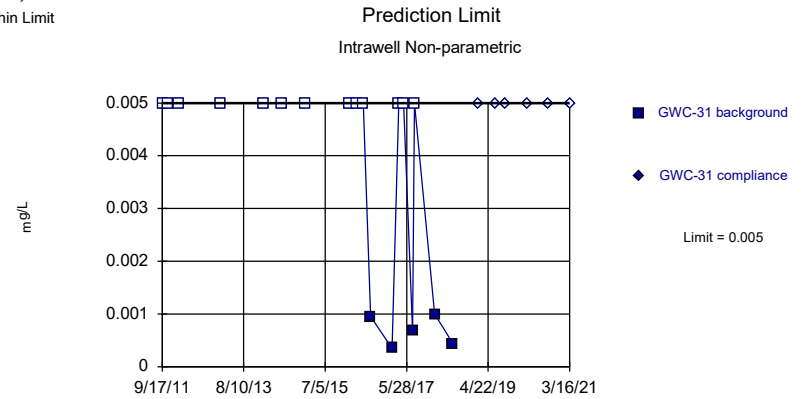
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

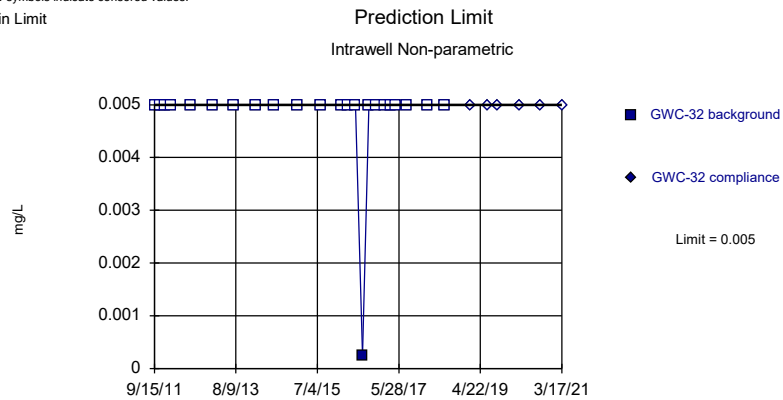
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

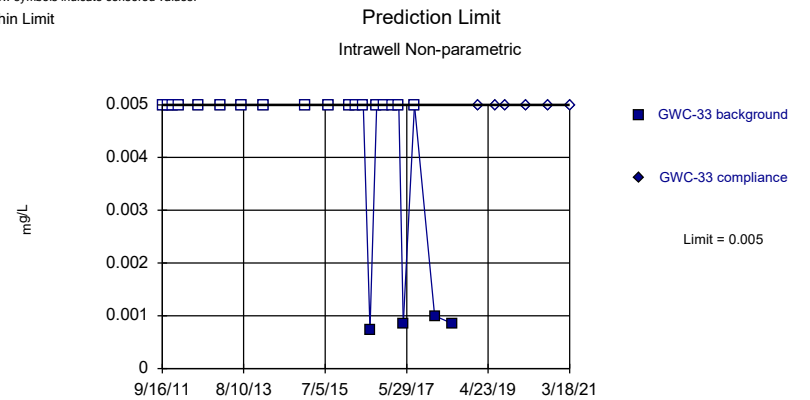
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

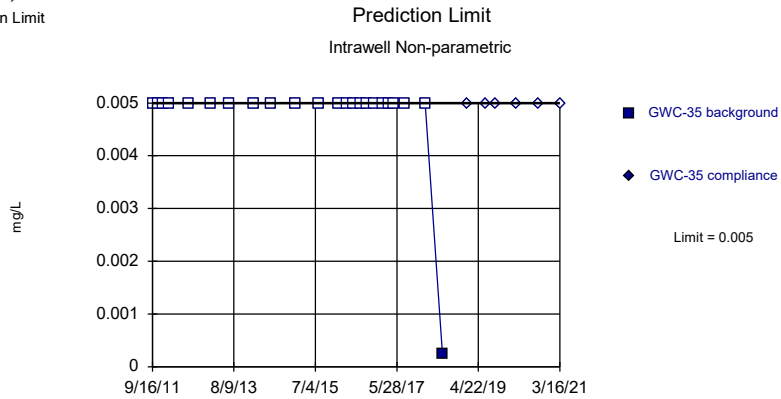
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

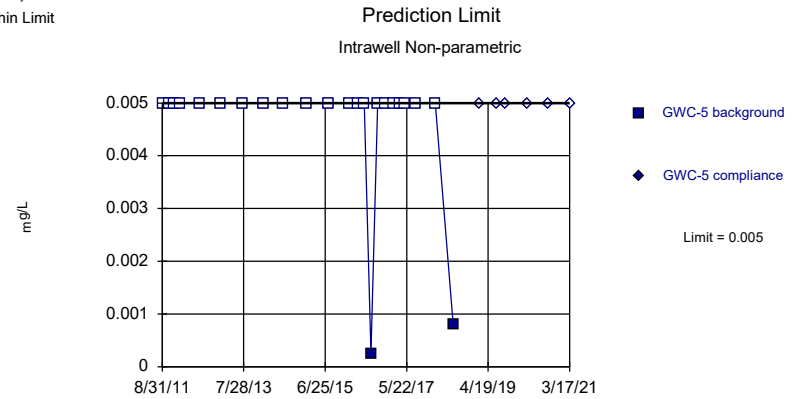
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

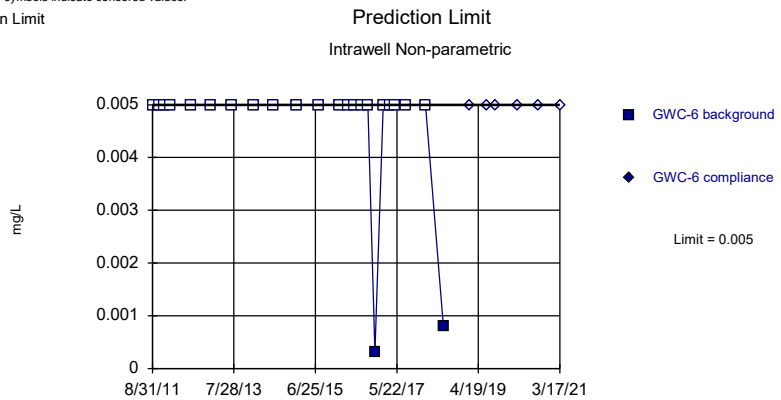
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

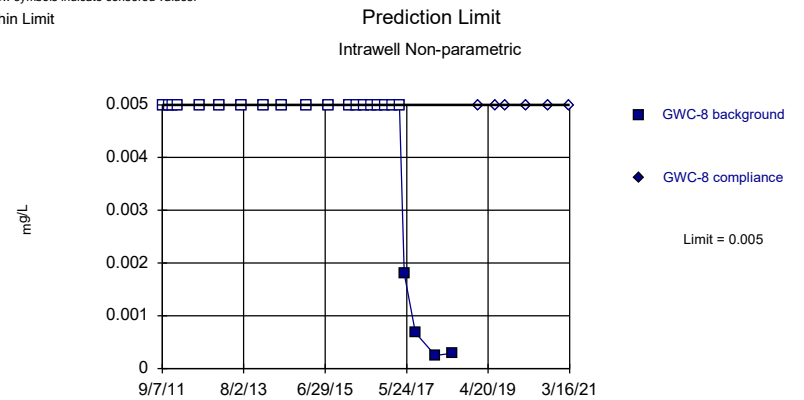
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

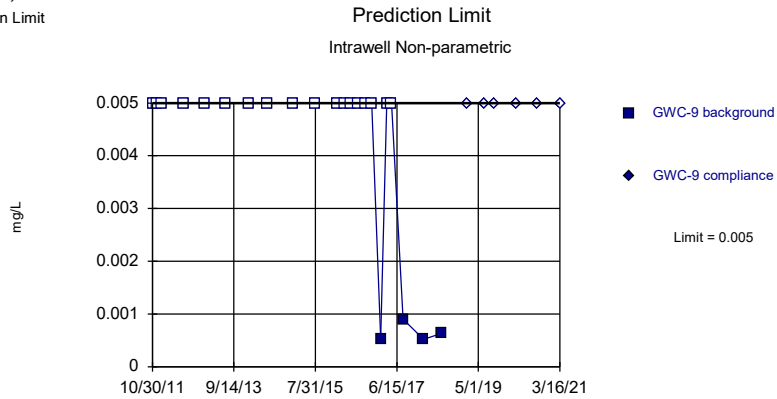
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

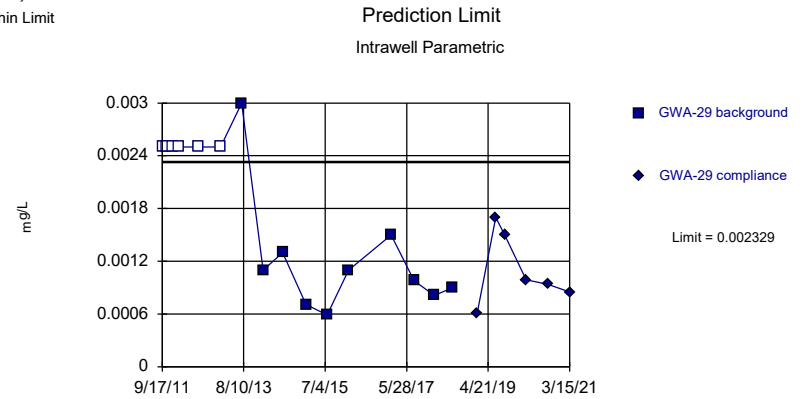
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

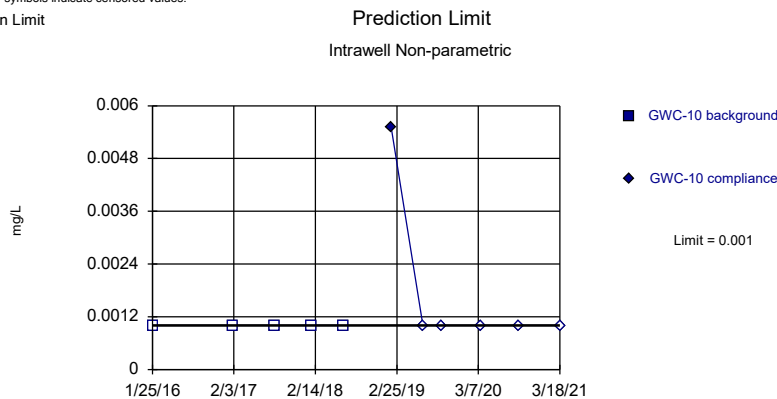
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

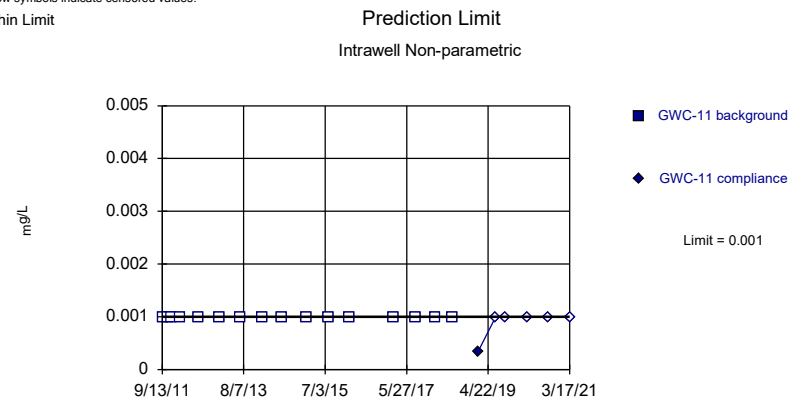
Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit



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

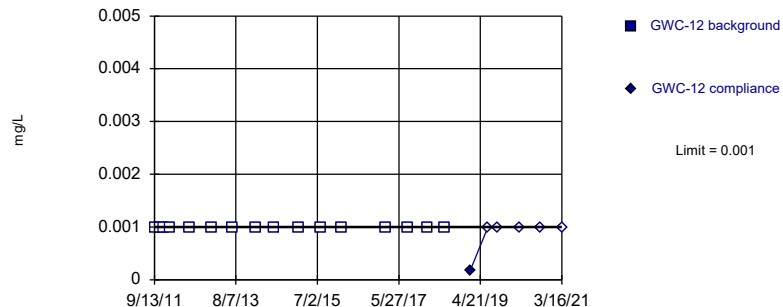


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

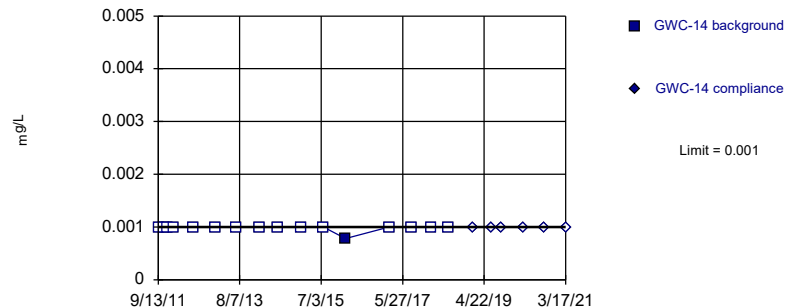


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

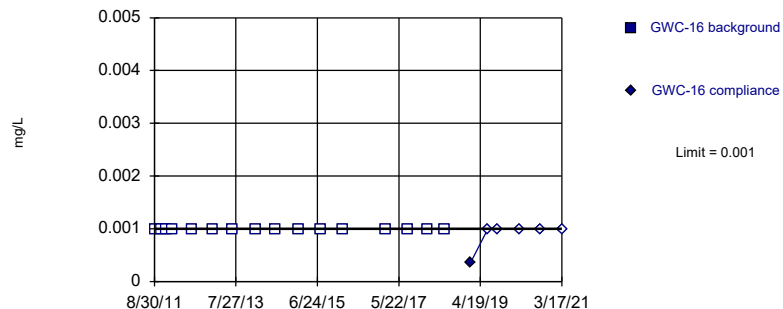


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

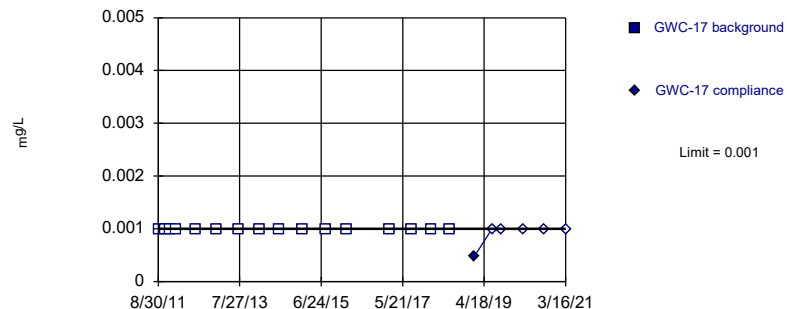


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

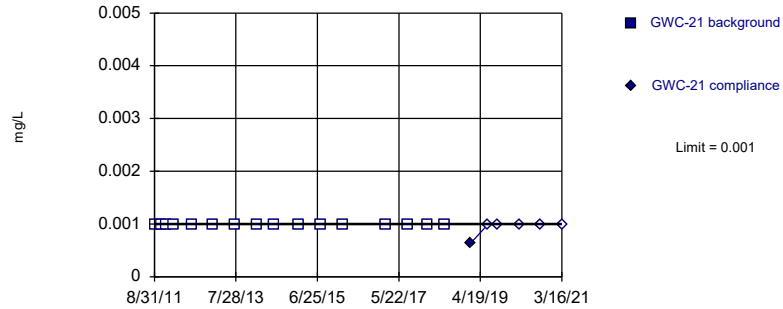


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

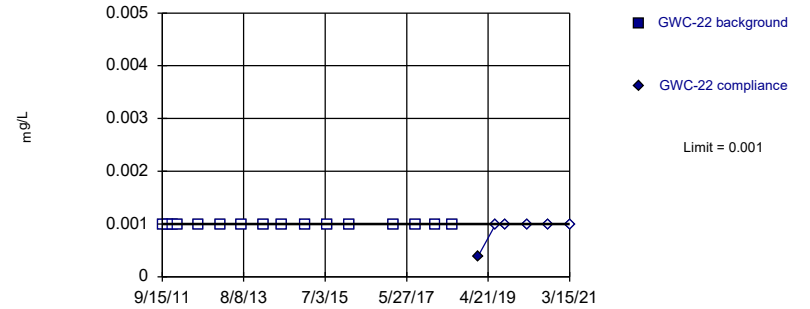


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

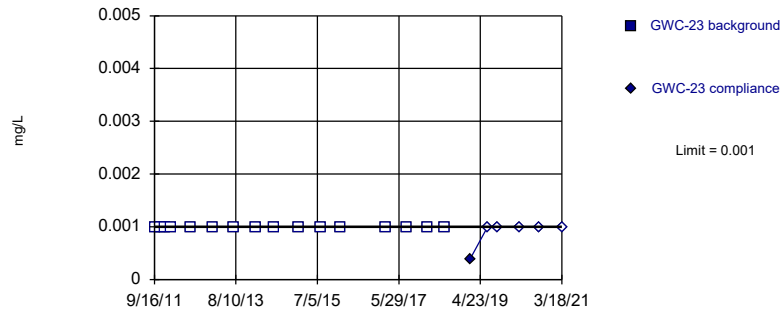


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

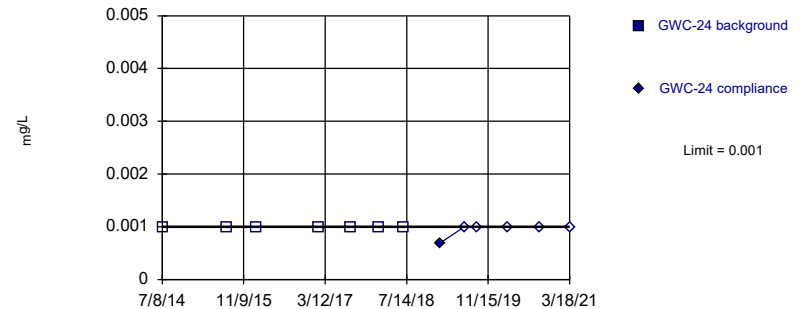


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

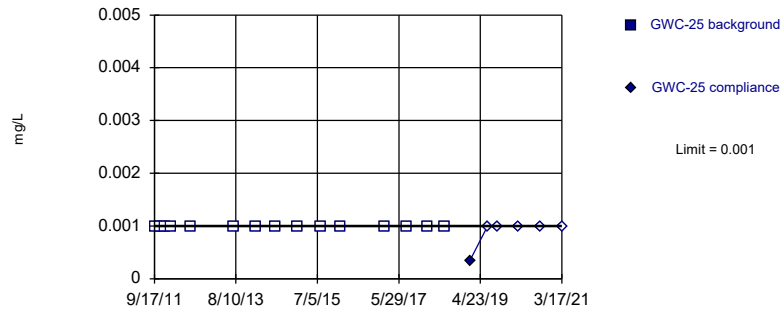


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 7) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

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

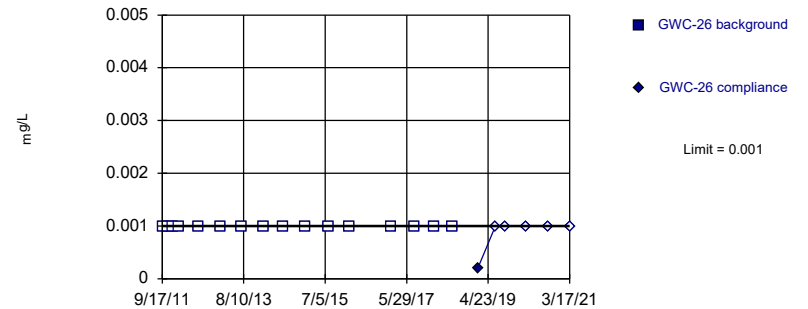


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

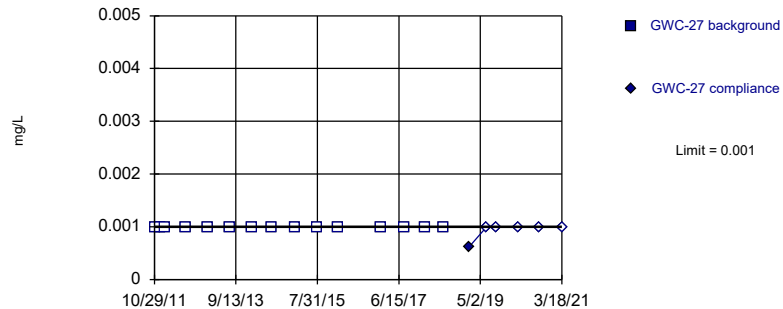


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

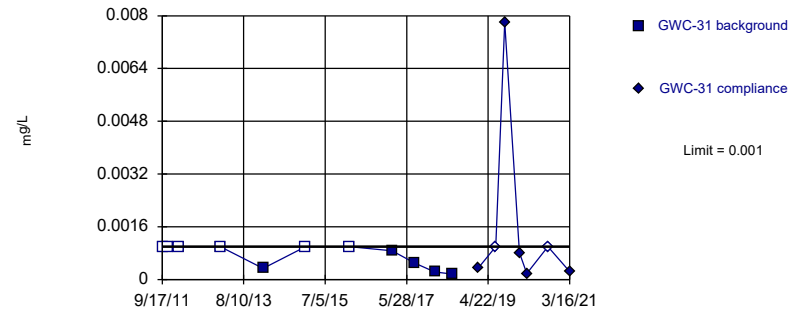


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

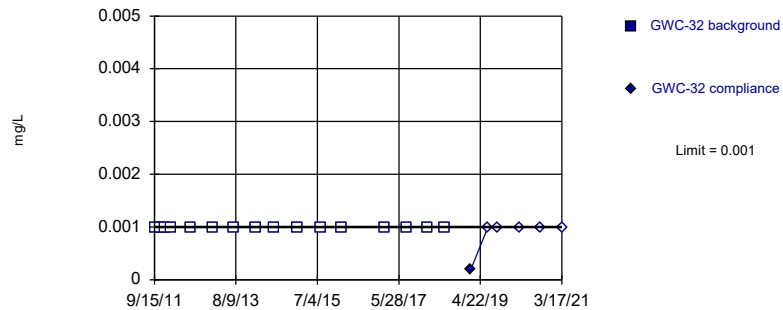


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

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

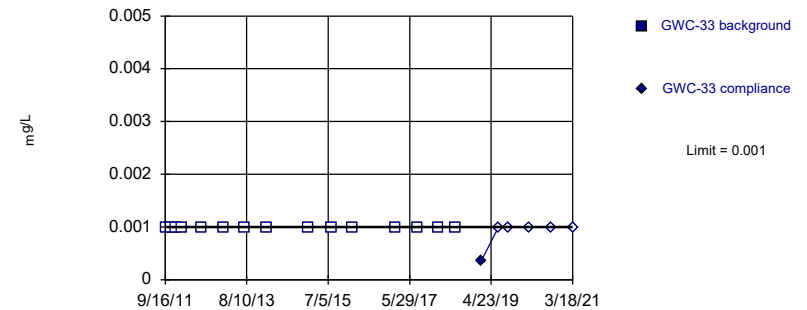


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

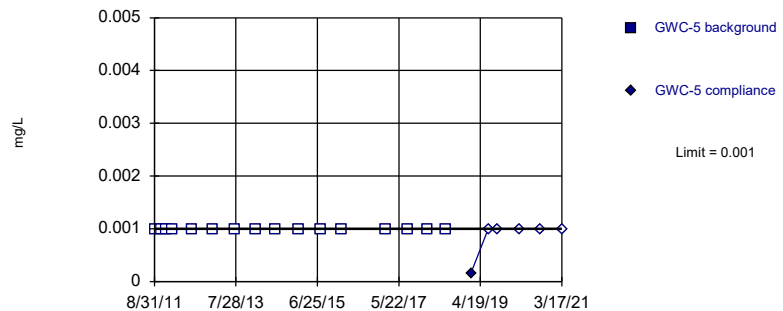


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 15) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

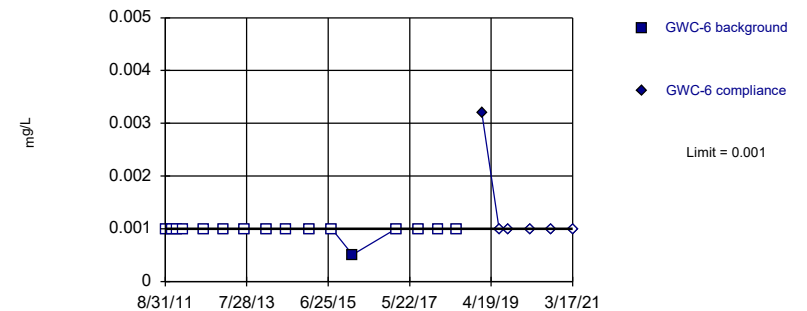


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

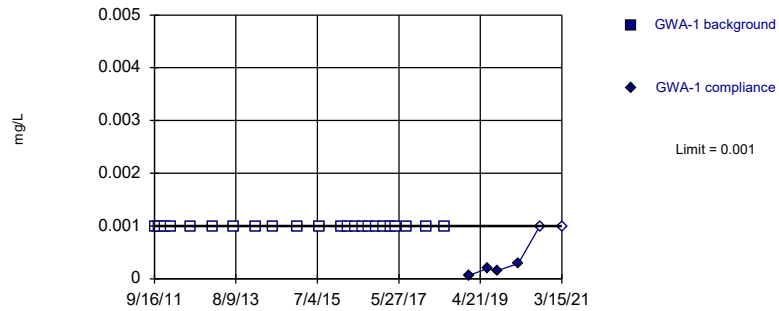


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

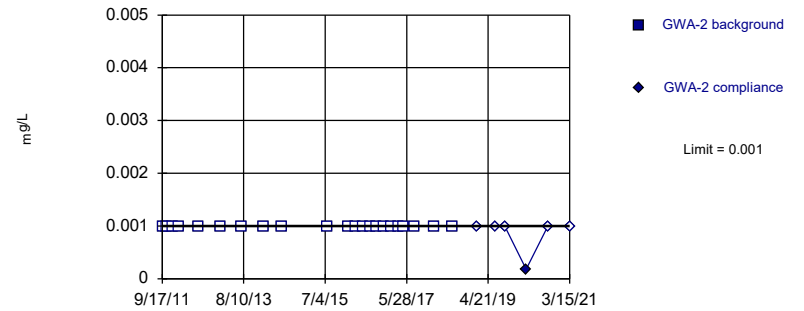


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

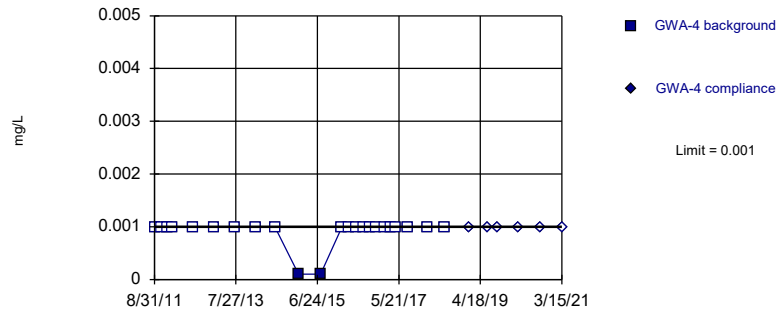


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

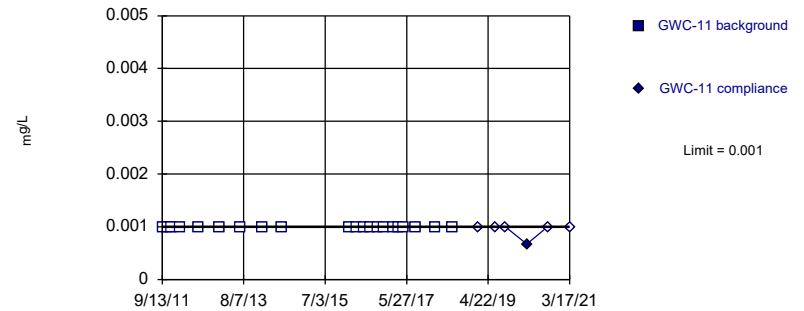


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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



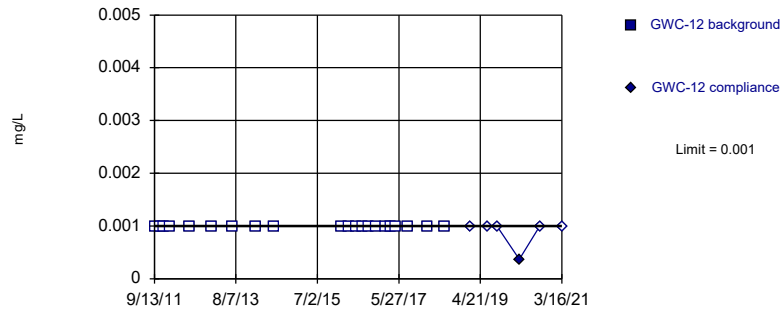
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

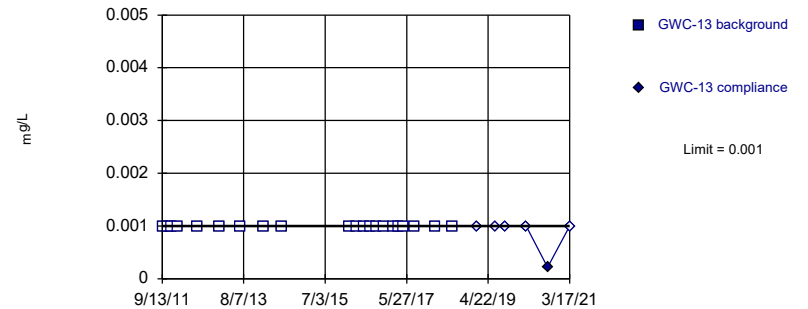


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

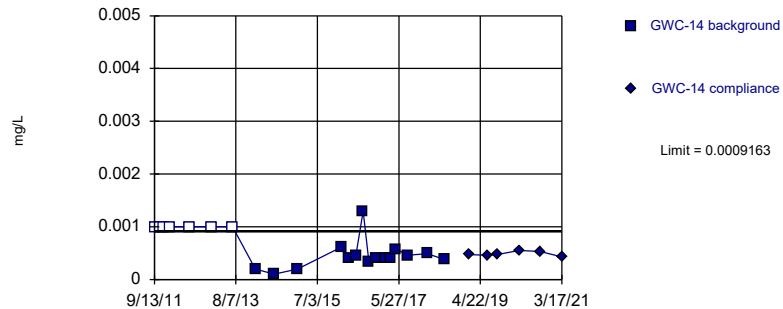


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

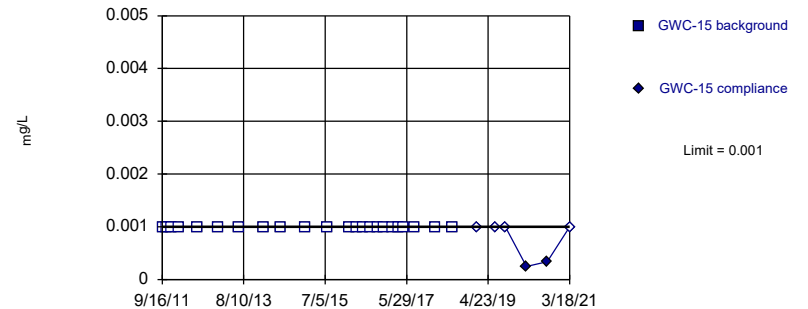


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0004118, Std. Dev.=0.0002469, n=22, 31.82% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8851, critical = 0.878. Kappa = 2.044 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

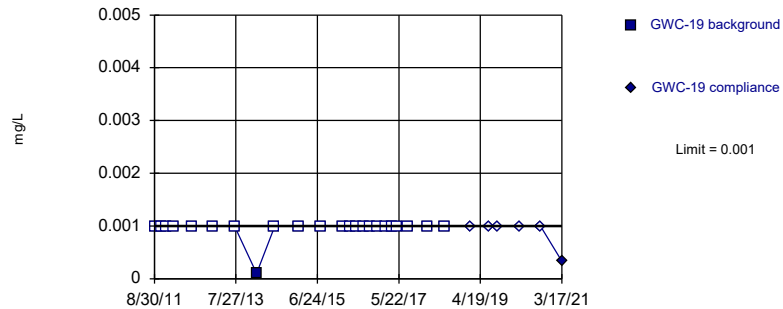


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

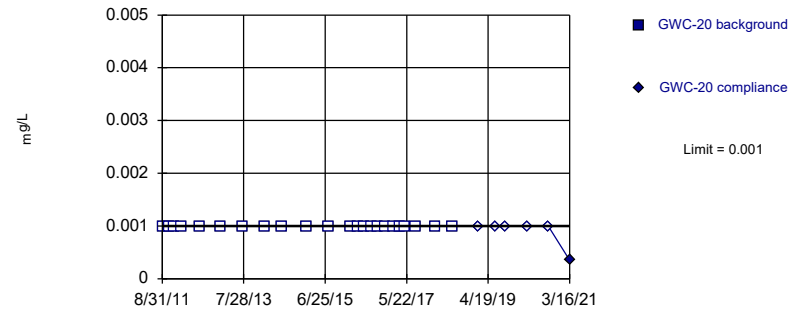


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

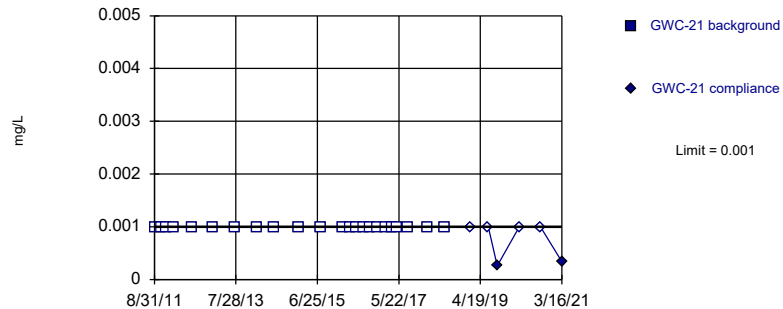


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

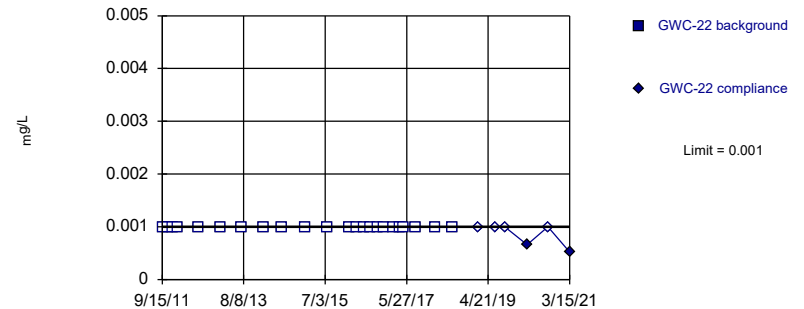


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

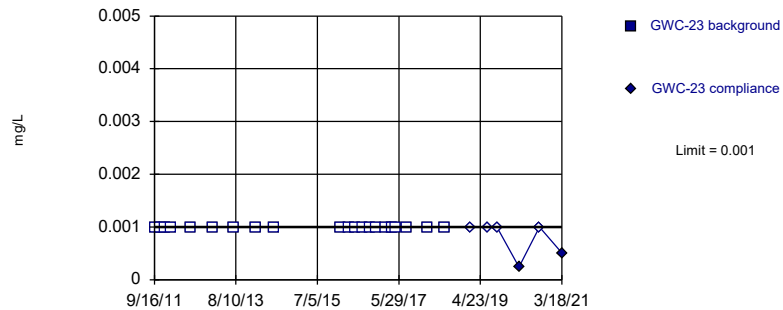


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

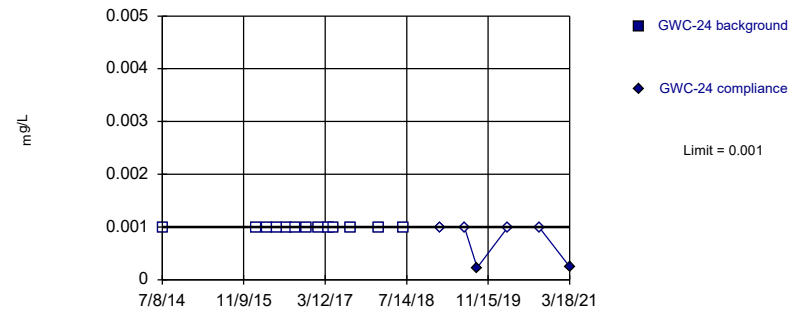


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

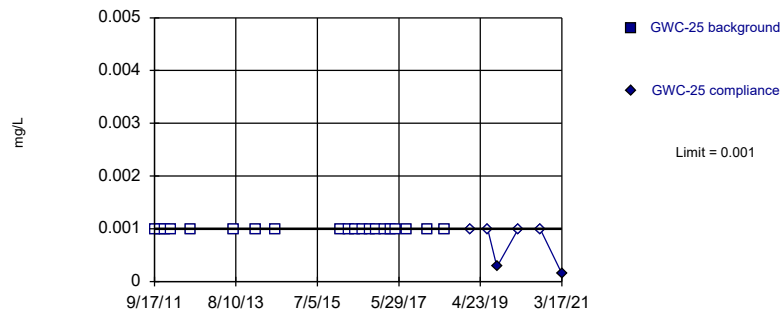


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 13) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003769. Individual comparison alpha = 0.001886 (1 of 3).

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

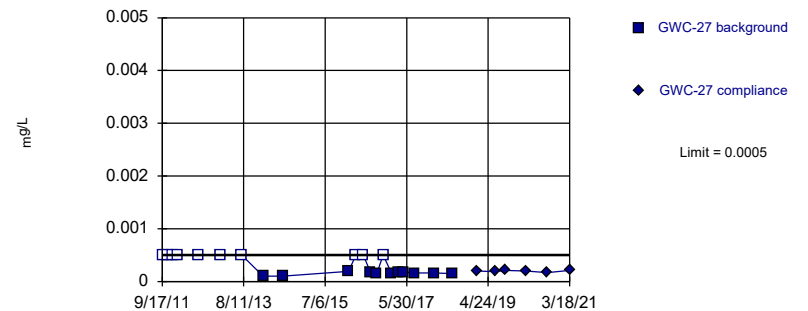


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 of 3).

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

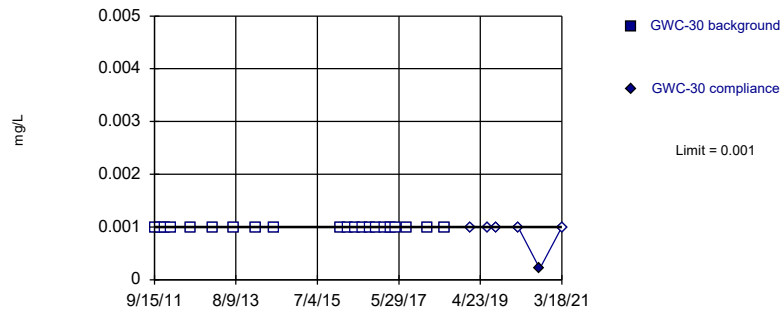


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (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

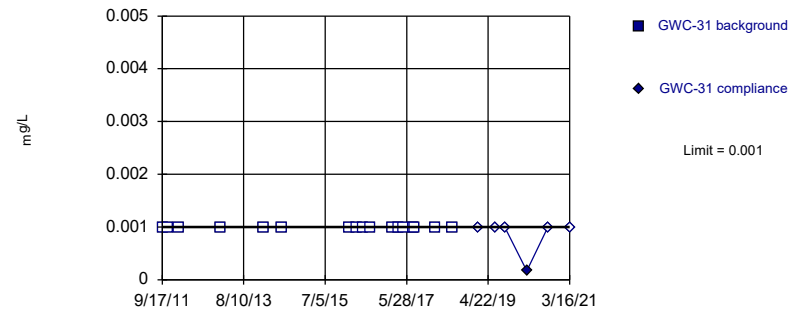


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

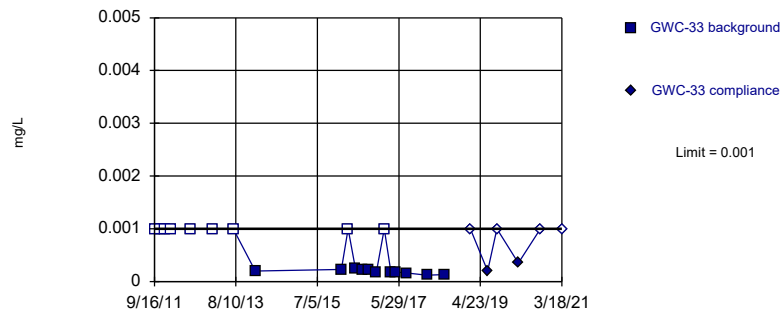


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 17) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.00182. Individual comparison alpha = 0.0009102 (1 of 3).

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

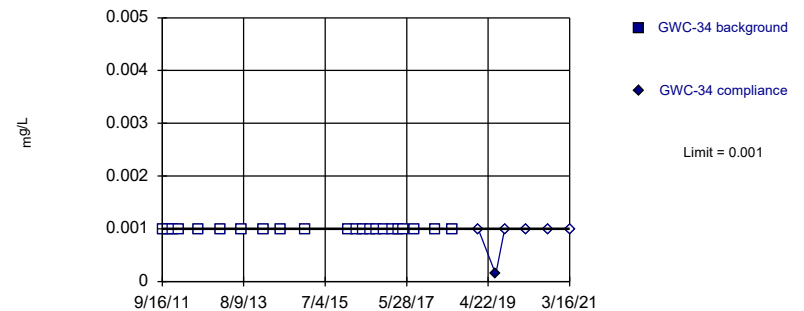


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.001125. Individual comparison alpha = 0.0005627 (1 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

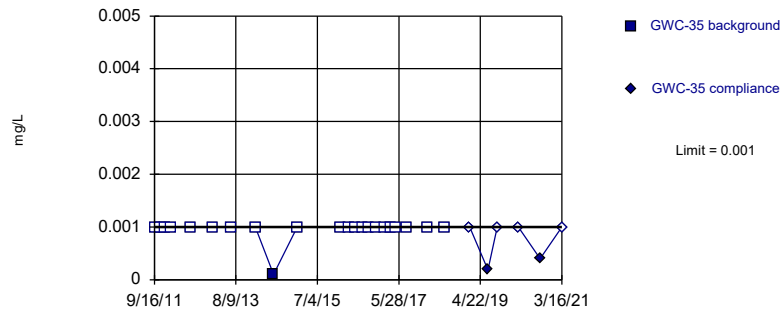


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

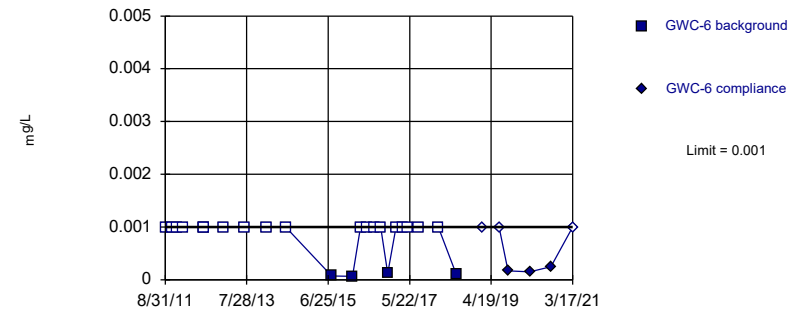


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.0009186. Individual comparison alpha = 0.0004594 (1 of 3).

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

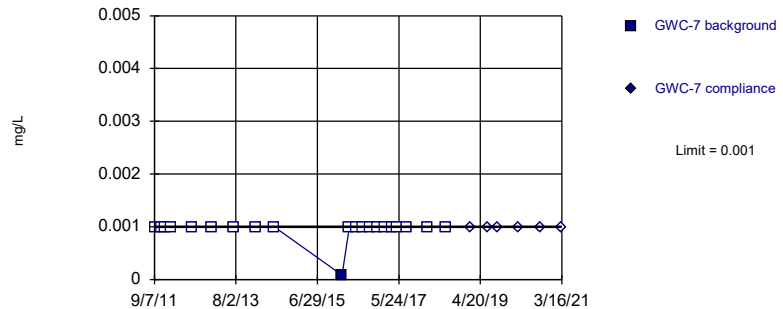


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.0008155. Individual comparison alpha = 0.0004078 (1 of 3).

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

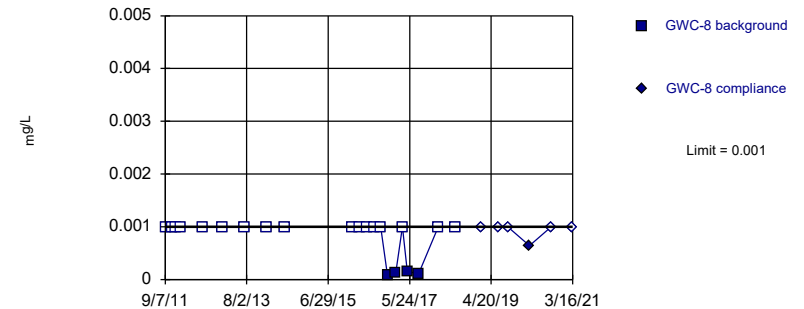


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

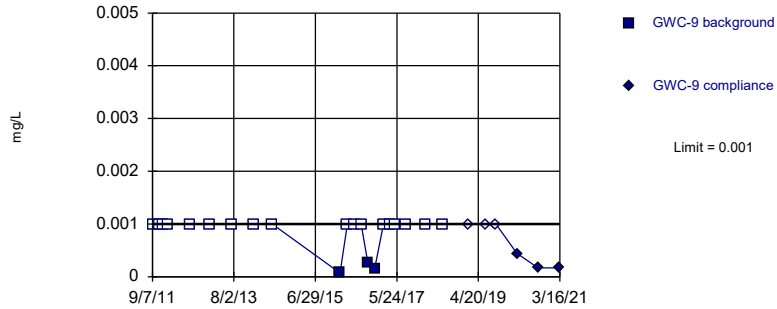


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

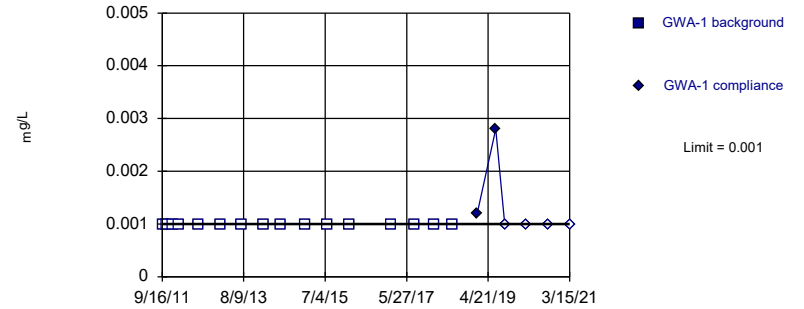


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.001022. Individual comparison alpha = 0.000511 (1 of 3).

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

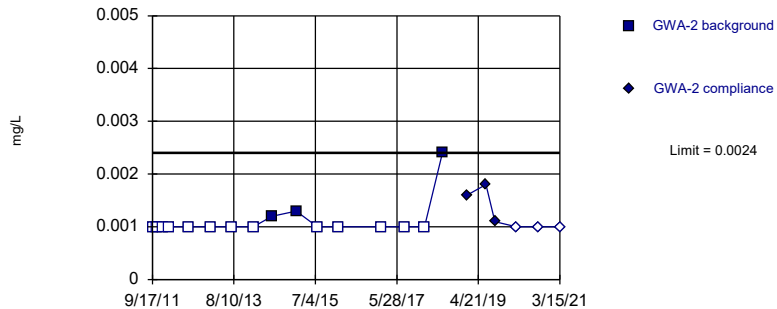


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

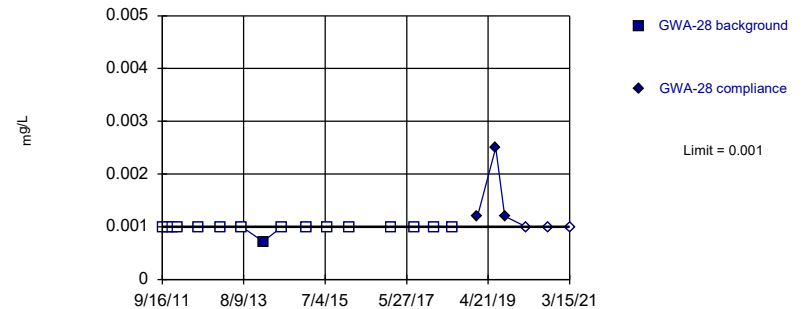


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

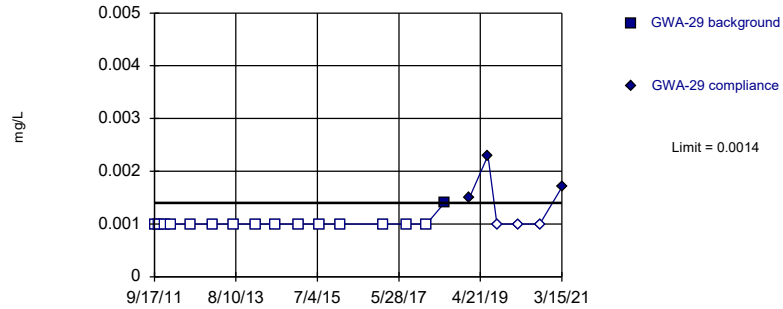


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

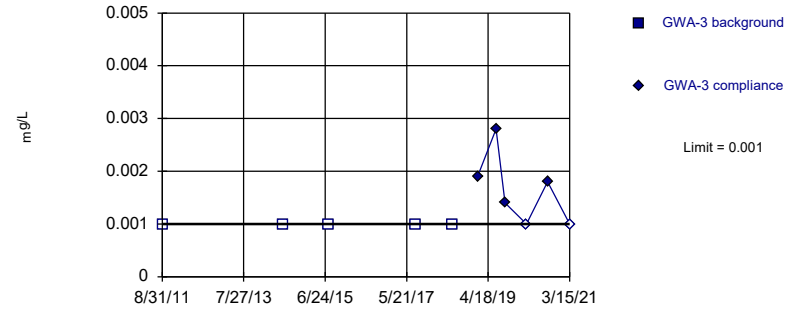


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

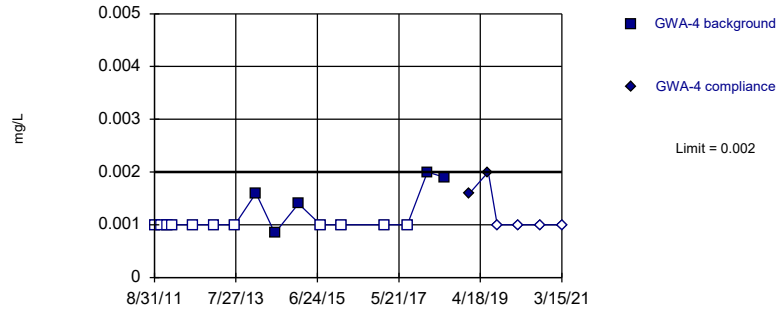


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 5) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

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

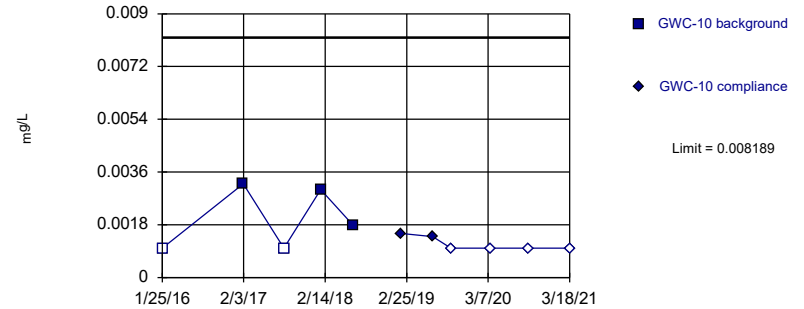


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

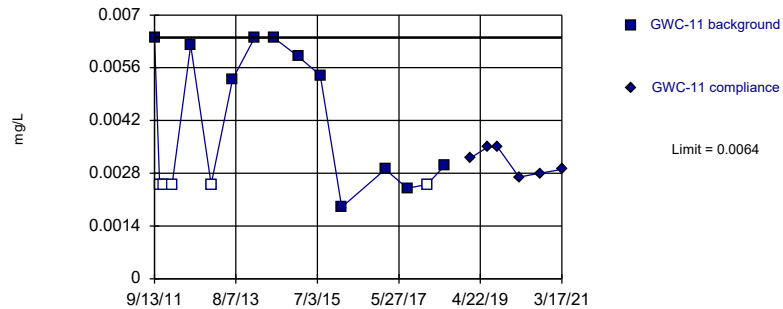


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002, Std. Dev.=0.0009466, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8442, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

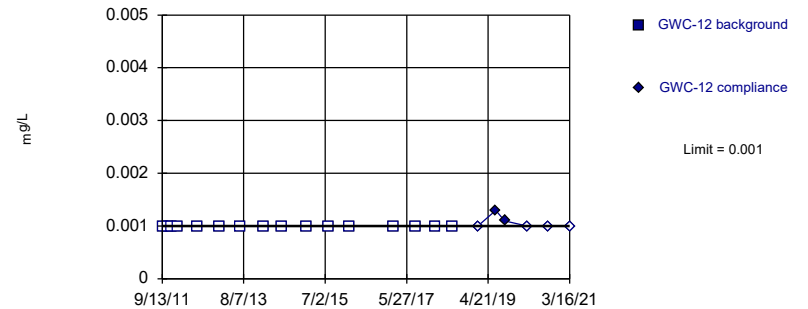


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 31.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (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

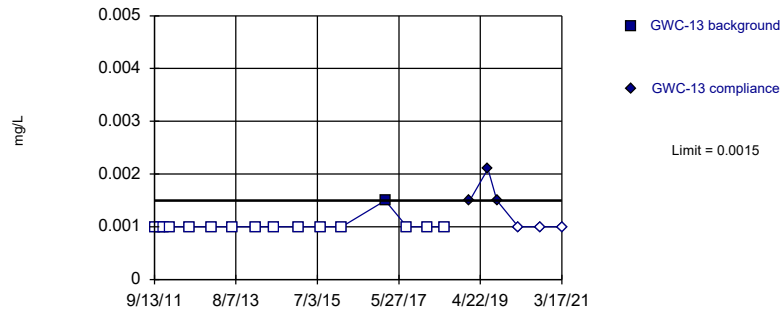


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

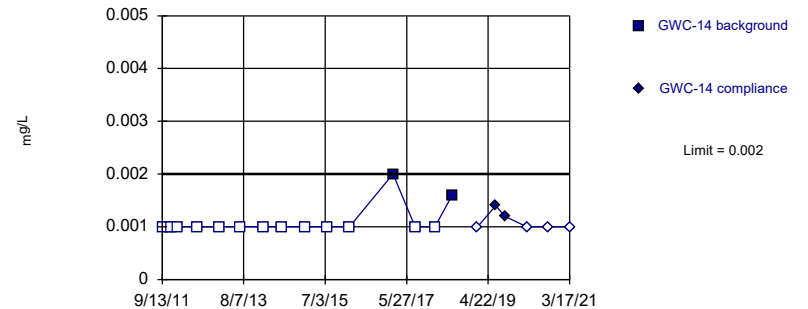


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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



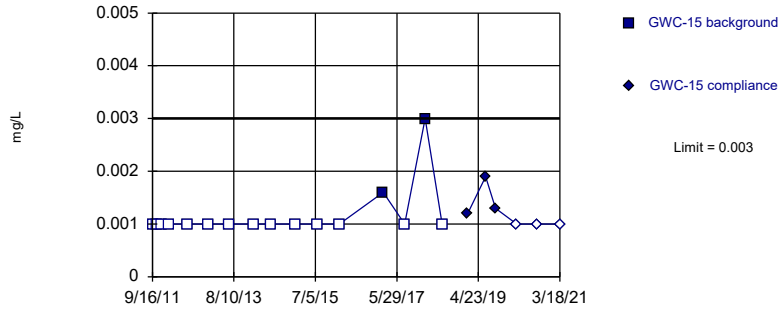
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

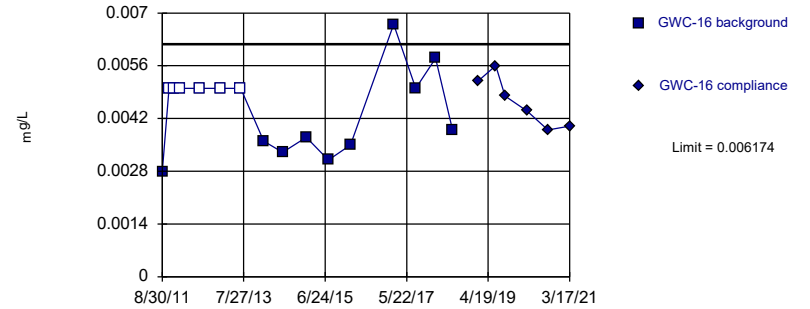


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

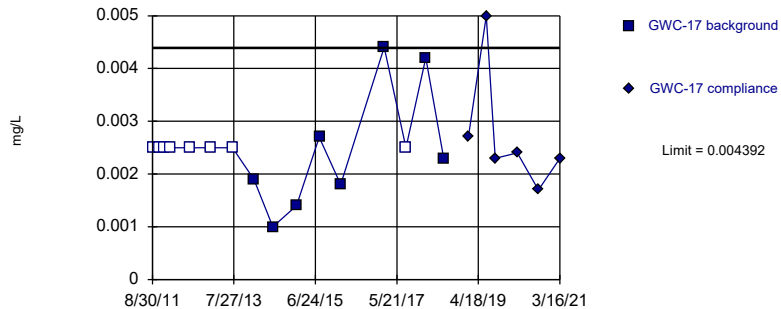


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003868, Std. Dev.=0.001039, n=16, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

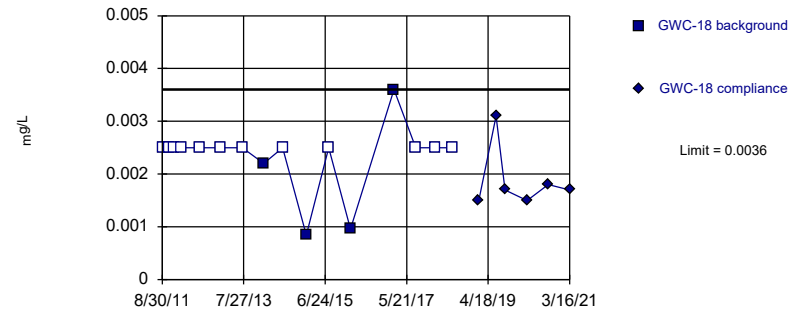


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04443, Std. Dev.=0.009845, n=16, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8643, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 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

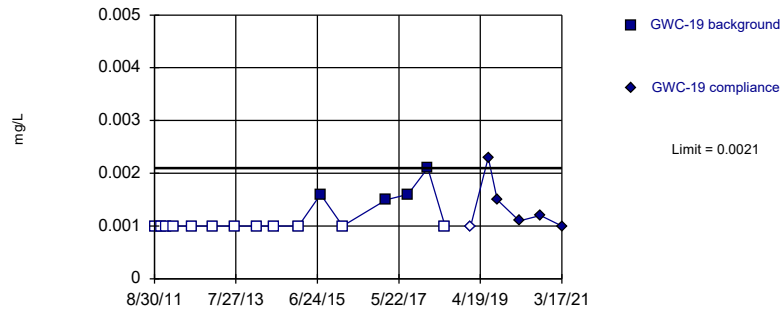


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

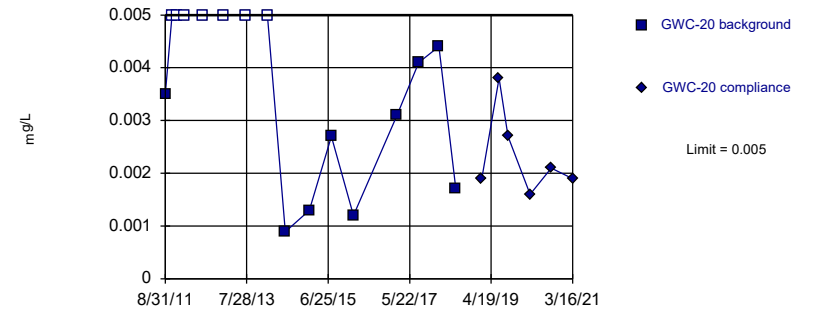


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

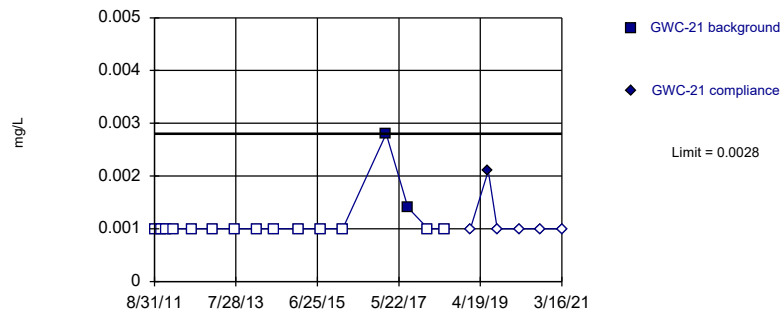


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (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

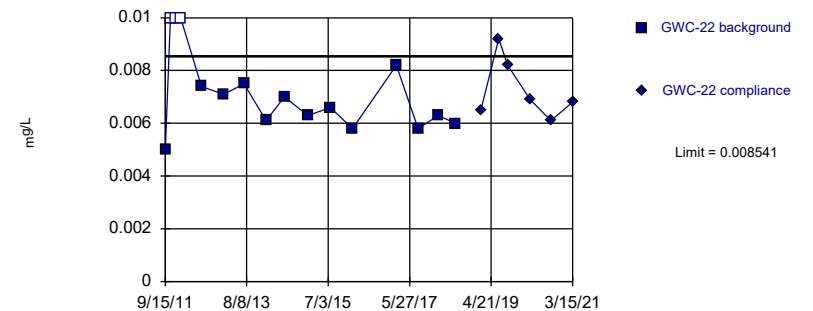


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

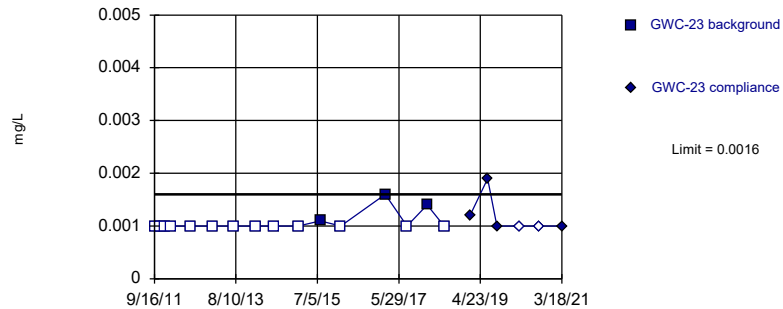


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.006429, Std. Dev.=0.0009517, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8721, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

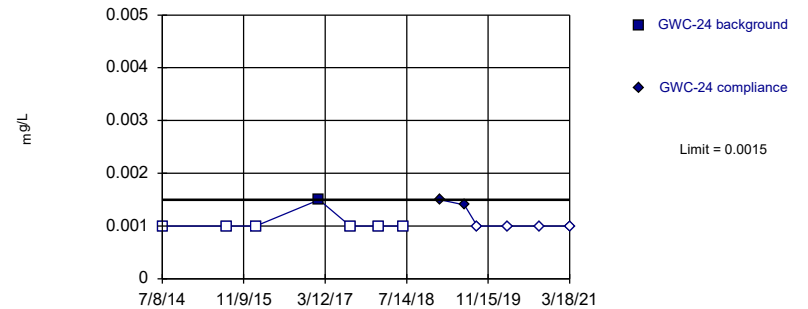


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

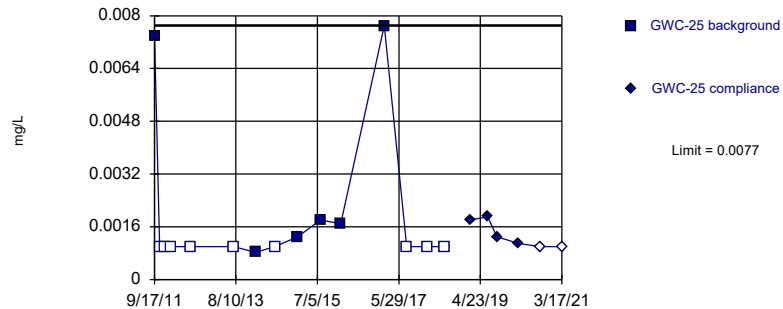


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 7 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.01726. Individual comparison alpha = 0.008668 (1 of 3).

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

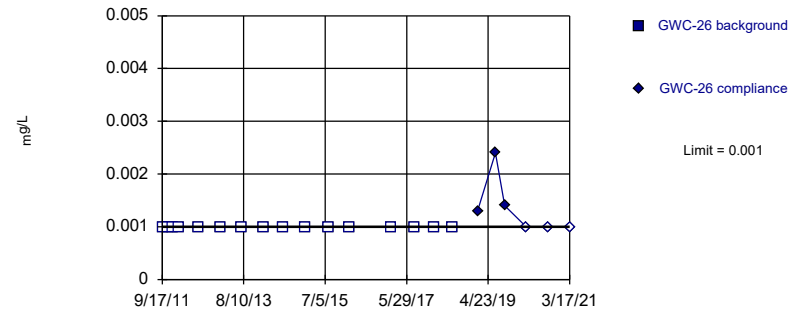


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 60% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

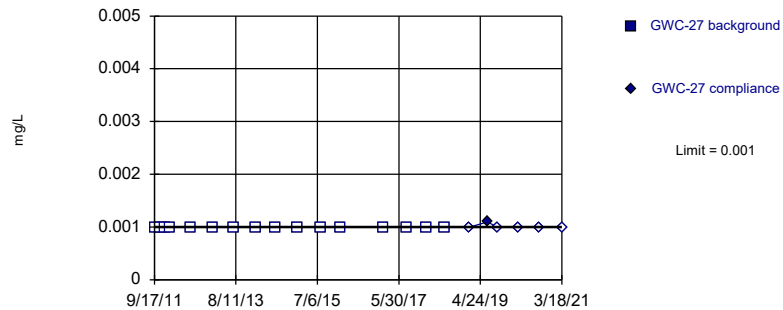


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

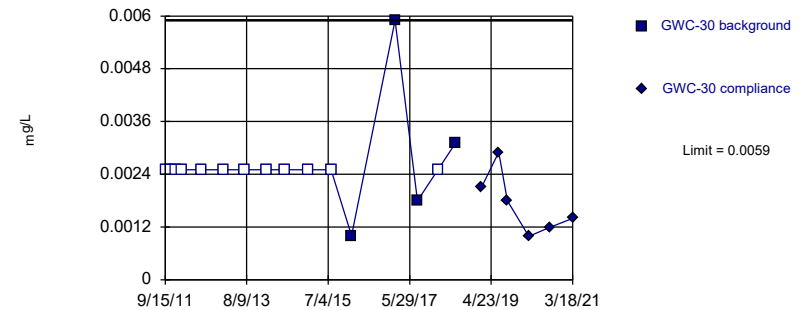


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

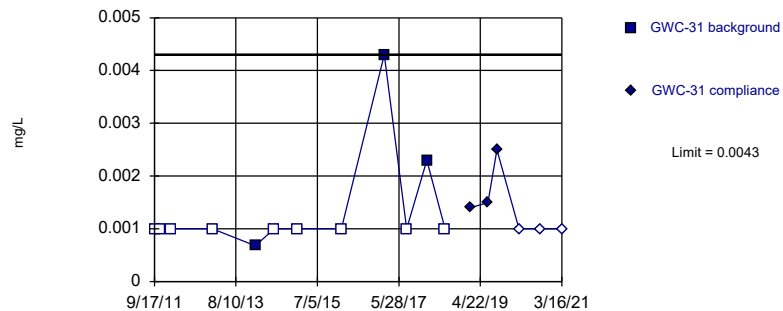


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

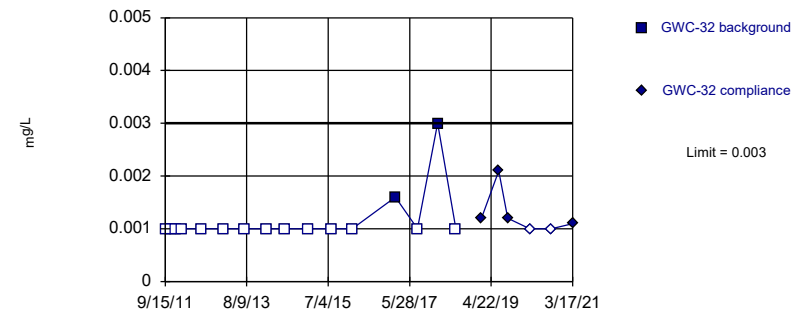


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.004342. Individual comparison alpha = 0.002173 (1 of 3).

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

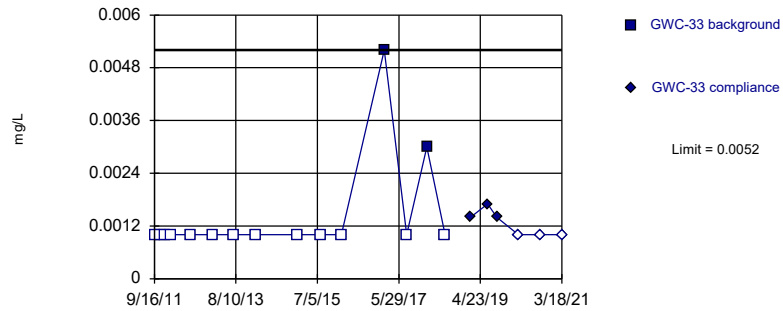


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

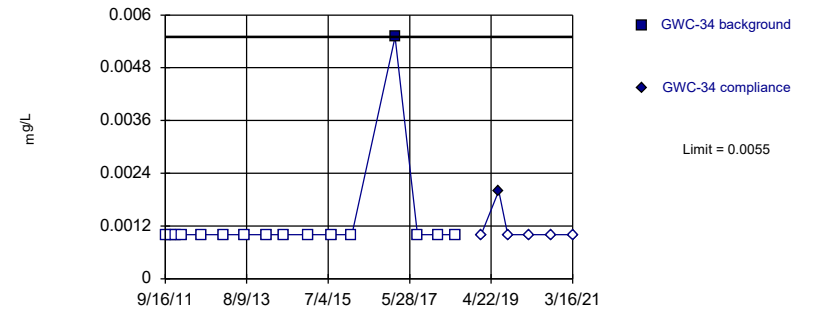


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

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

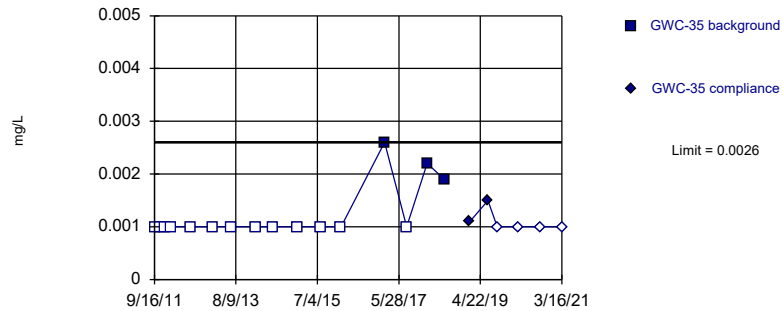


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

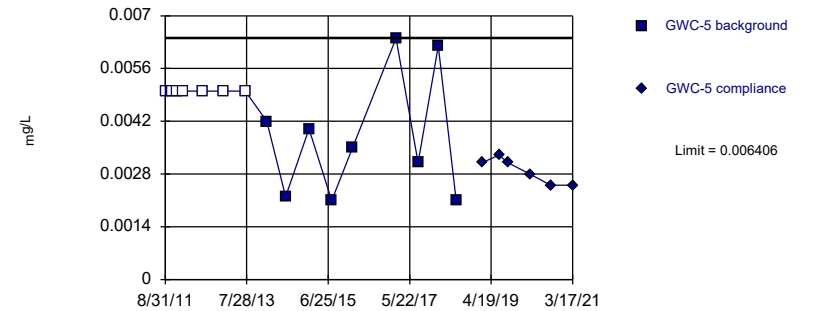


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

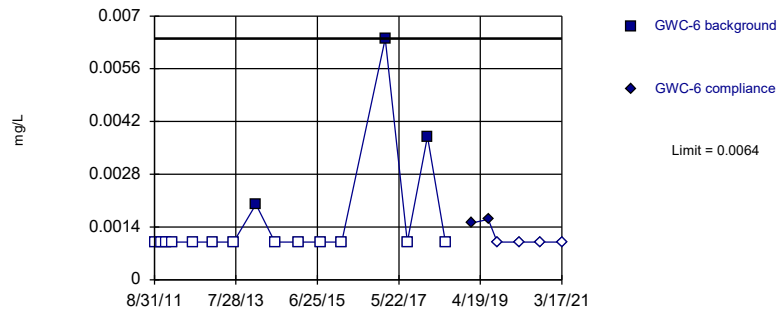


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003438, Std. Dev.=0.001338, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8883, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

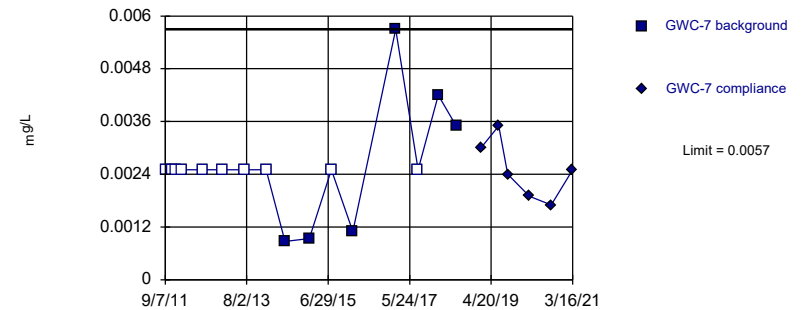


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

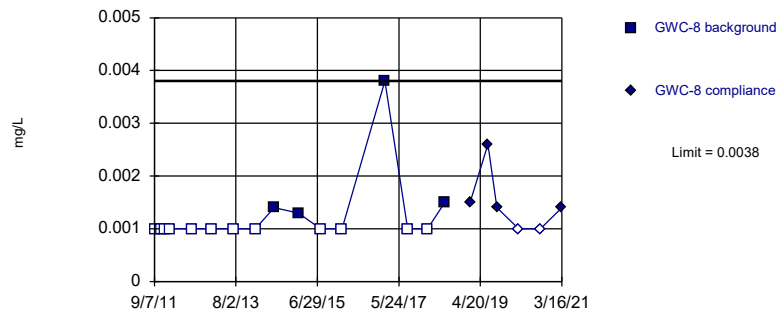


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

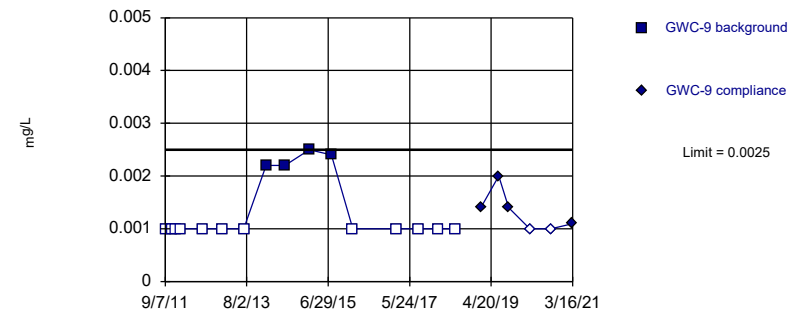


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

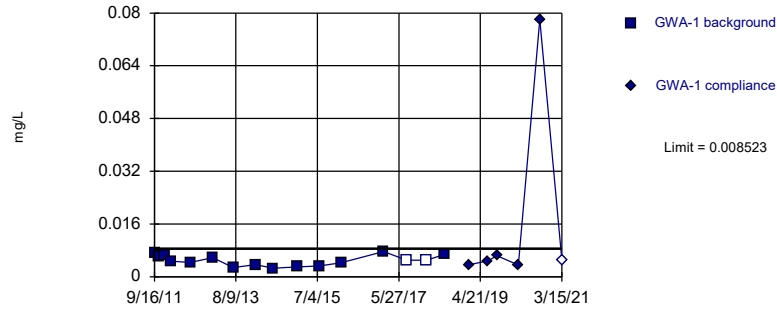


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

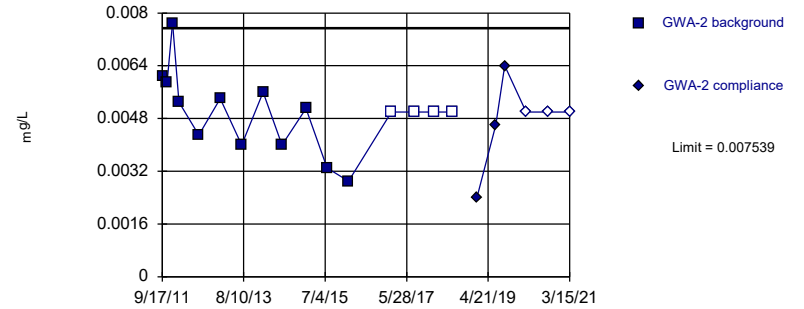


Background Data Summary: Mean=0.004931, Std. Dev.=0.001619, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

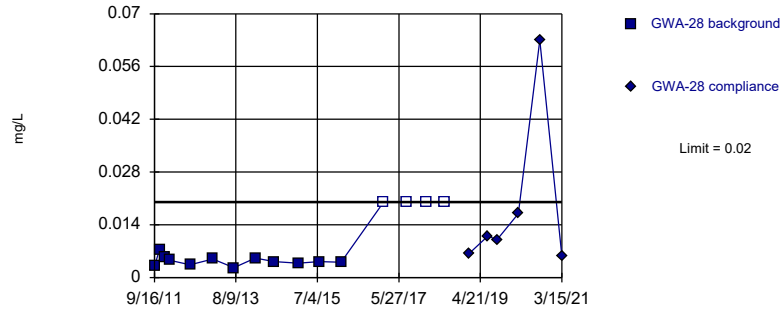


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004549, Std. Dev.=0.001348, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

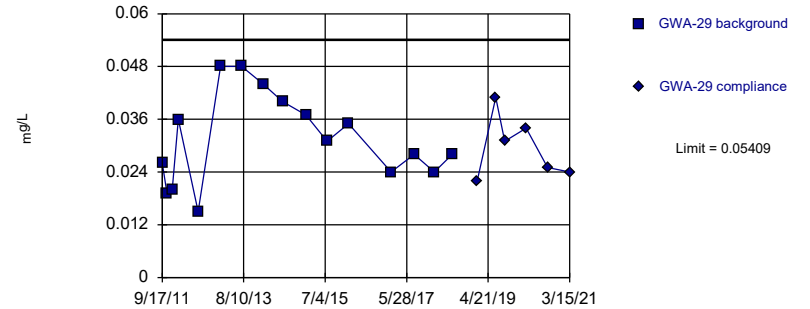


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 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

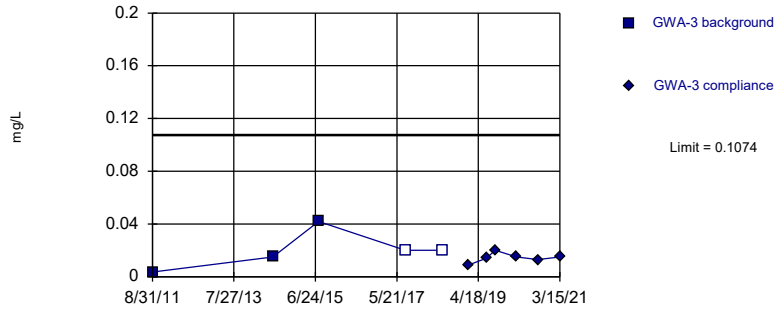


Background Data Summary: Mean=0.03144, Std. Dev.=0.01021, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9596, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

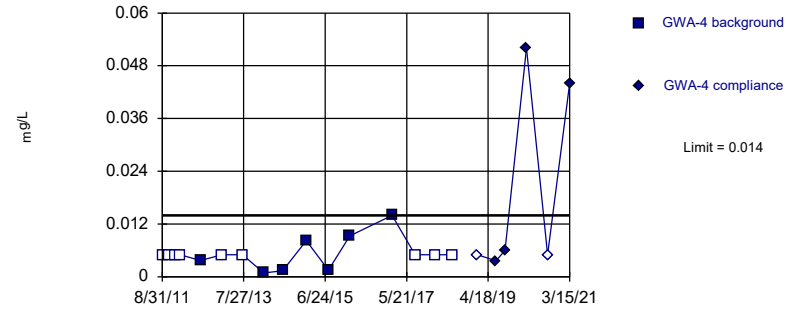


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.01588, Std. Dev.=0.014, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.686. Kappa = 6.538 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

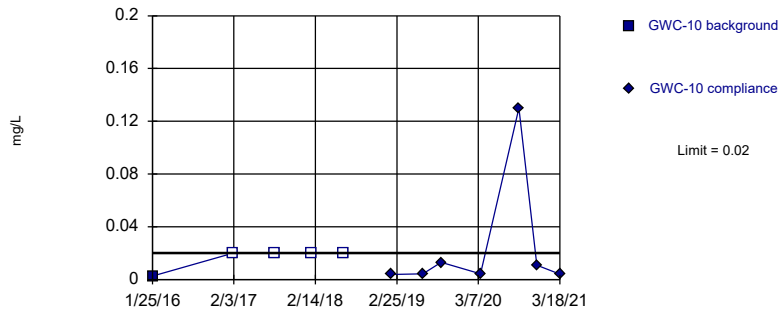


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

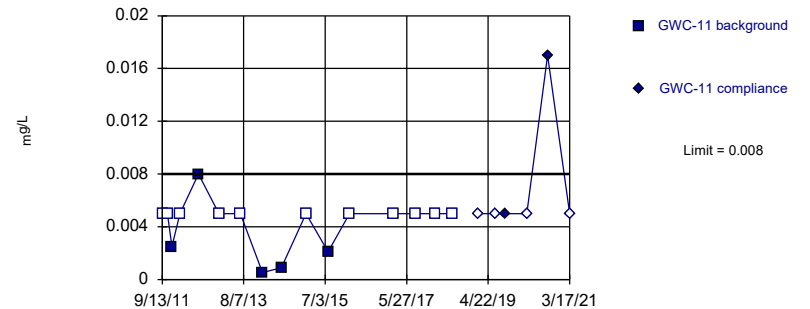


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 80% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

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



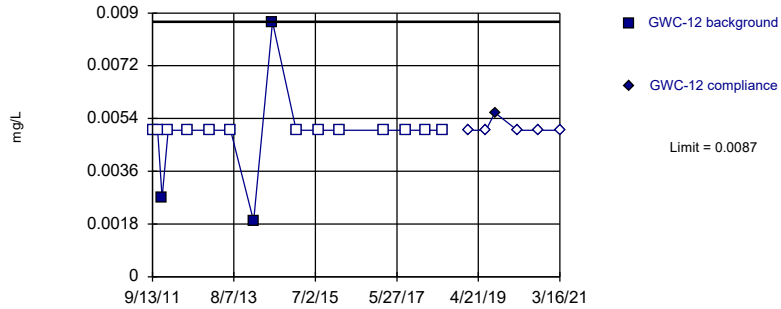
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

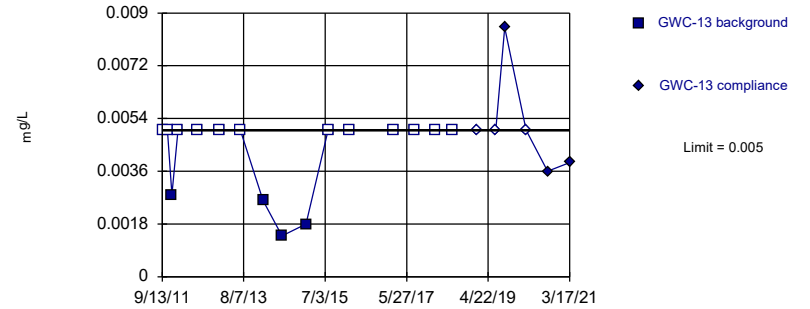


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

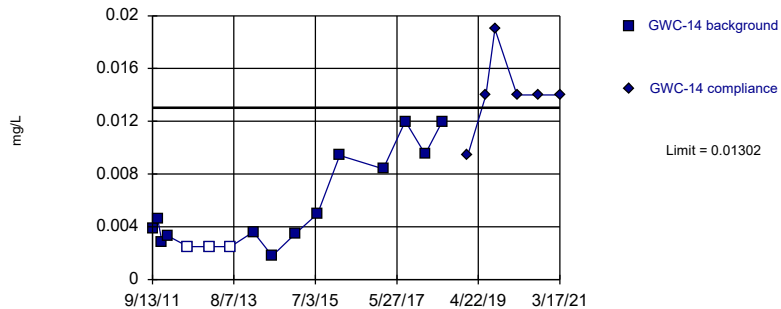


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

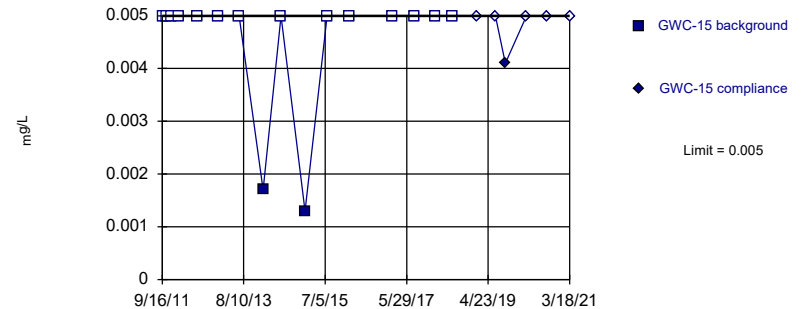


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.0662, Std. Dev.=0.02159, n=16, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8682, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 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

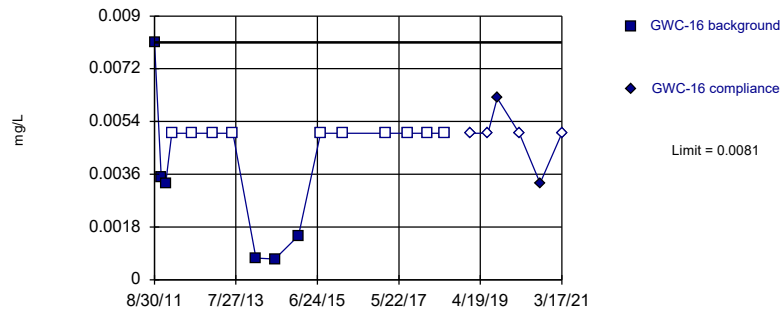


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

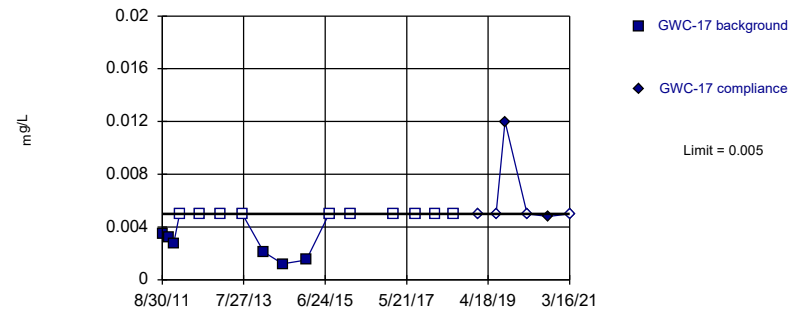


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

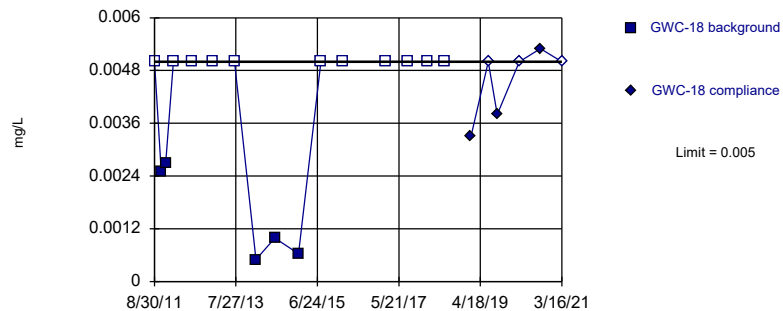


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

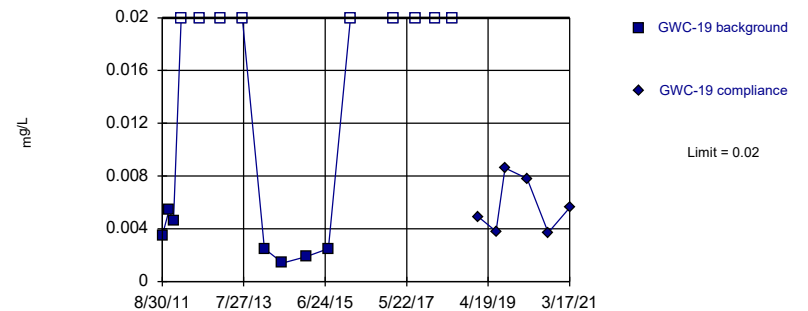


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

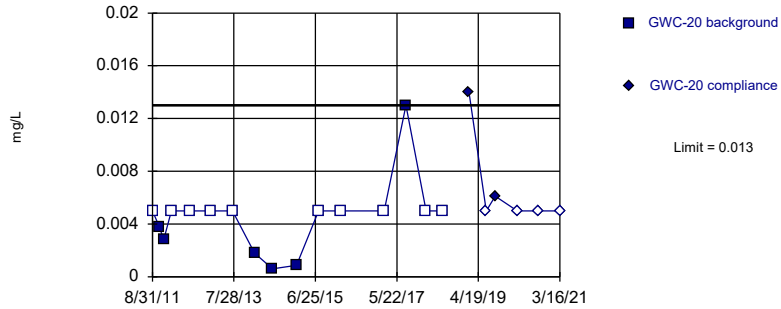


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

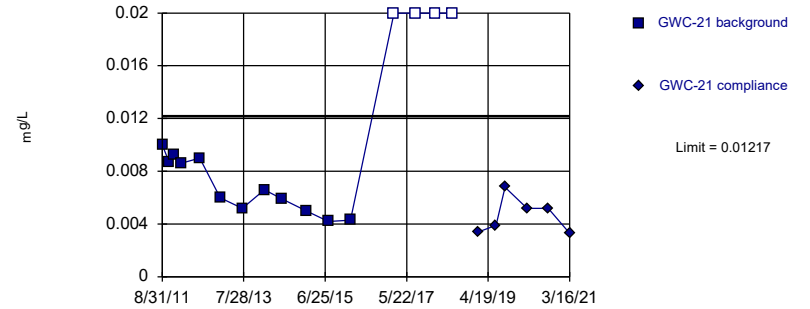


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

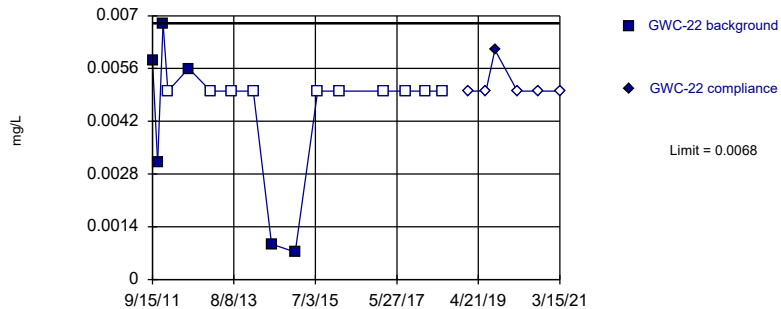


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1885, Std. Dev.=0.01871, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8467, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

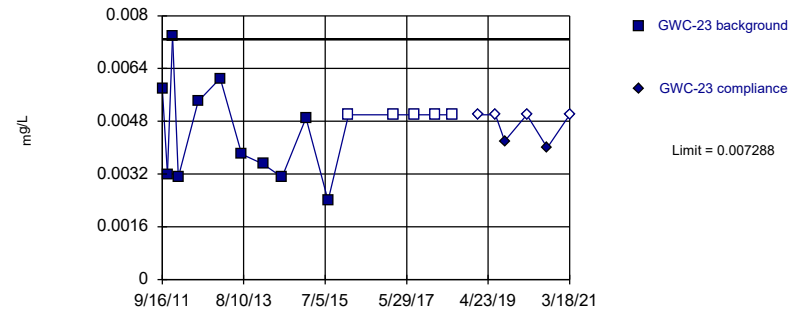


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

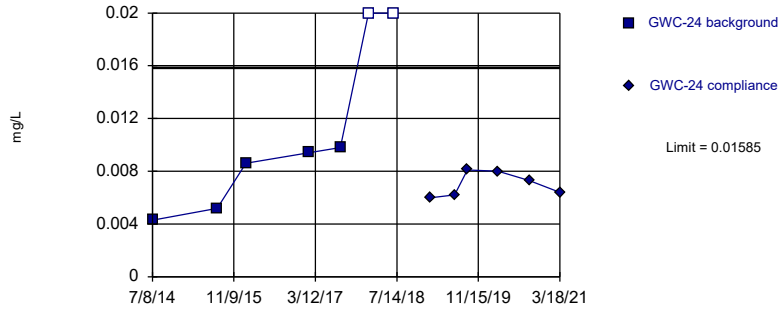


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00404, Std. Dev.=0.001464, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9409, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

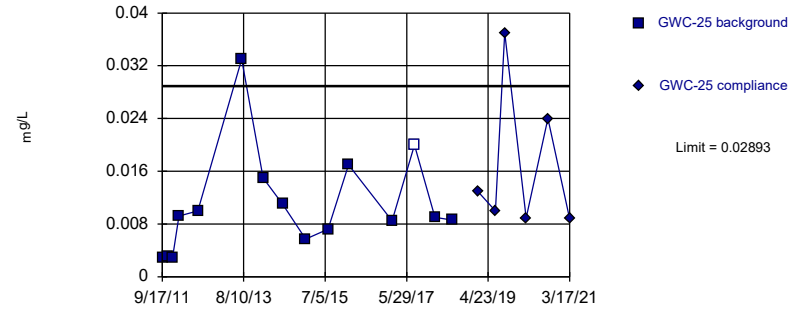


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00746, Std. Dev.=0.002264, n=7, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8331, critical = 0.73. Kappa = 3.706 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

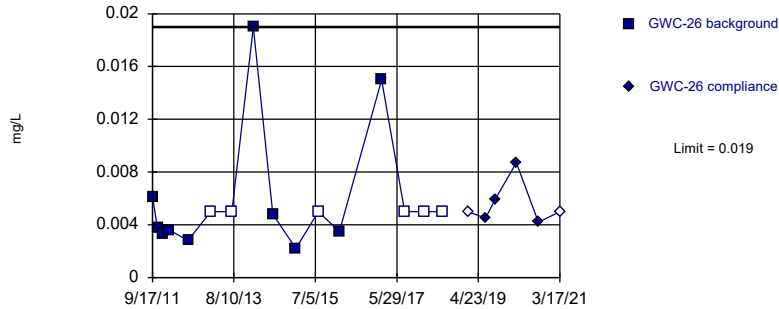


Background Data Summary: Mean=0.01086, Std. Dev.=0.007912, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8392, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

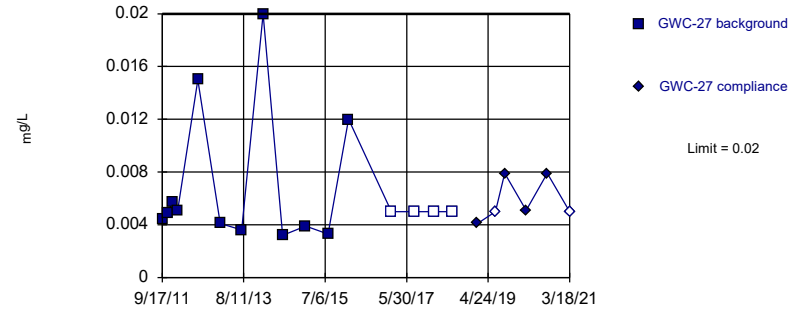


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (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

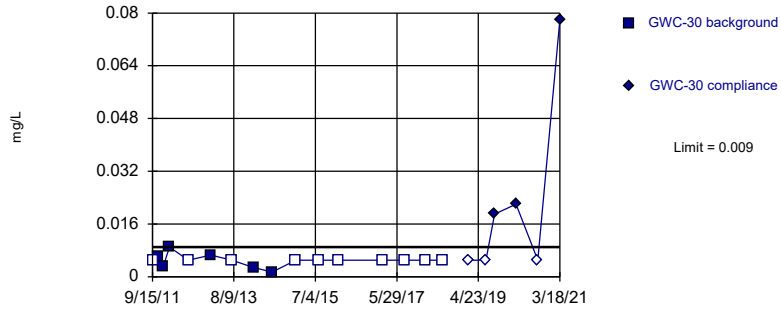


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 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

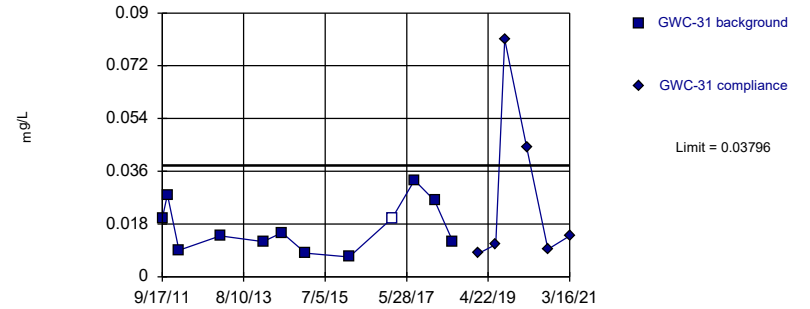


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

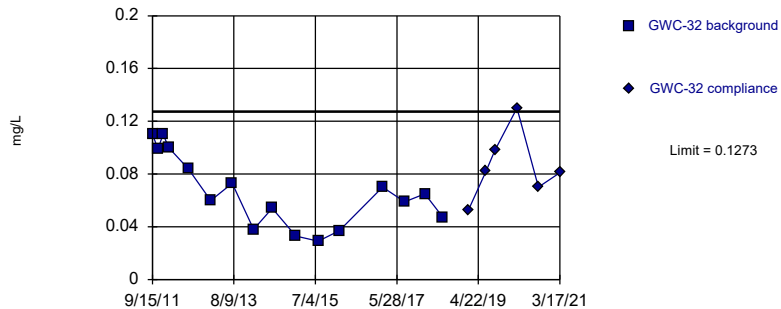


Background Data Summary: Mean=0.01699, Std. Dev.=0.008457, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.805. Kappa = 2.48 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

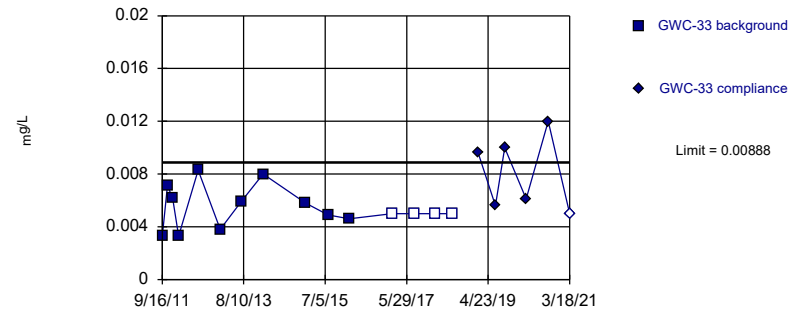


Background Data Summary: Mean=0.06675, Std. Dev.=0.02729, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

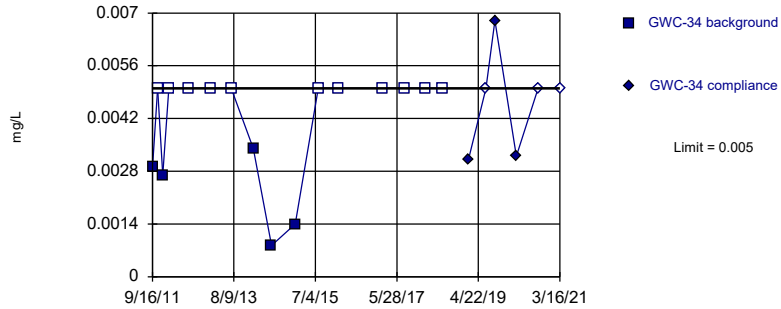


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005141, Std. Dev.=0.001637, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.835. Kappa = 2.284 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

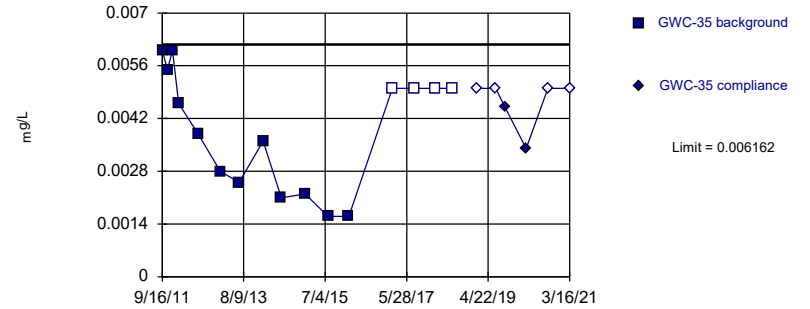


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

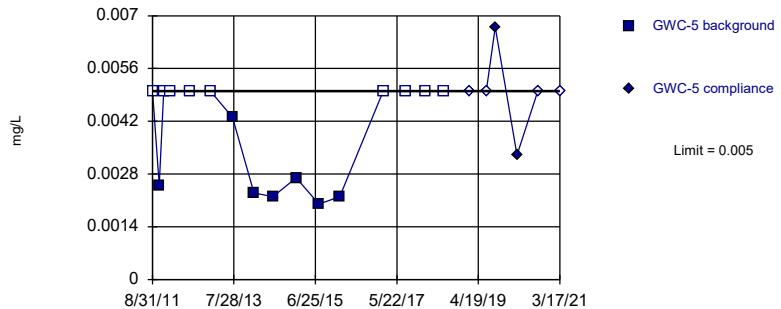


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003142, Std. Dev.=0.001361, n=16, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9024, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

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

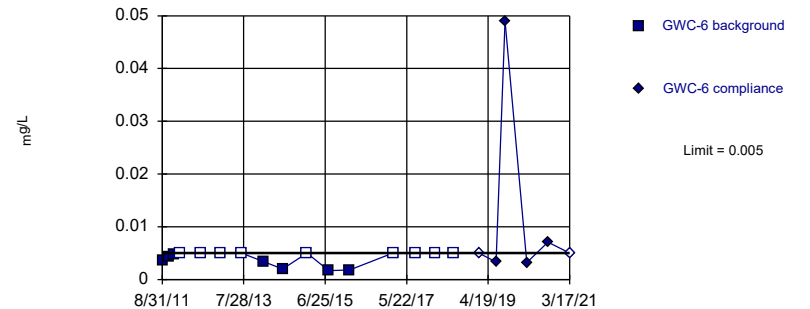


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

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

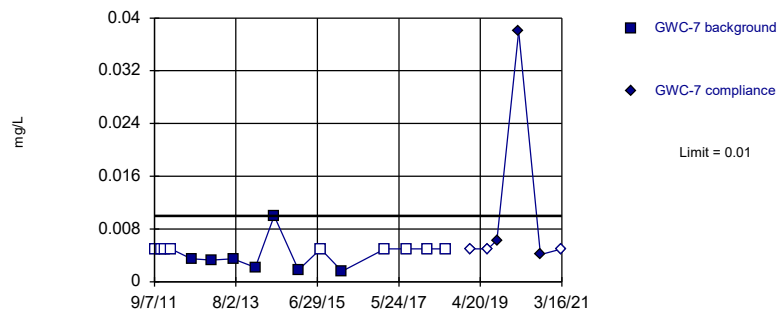


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

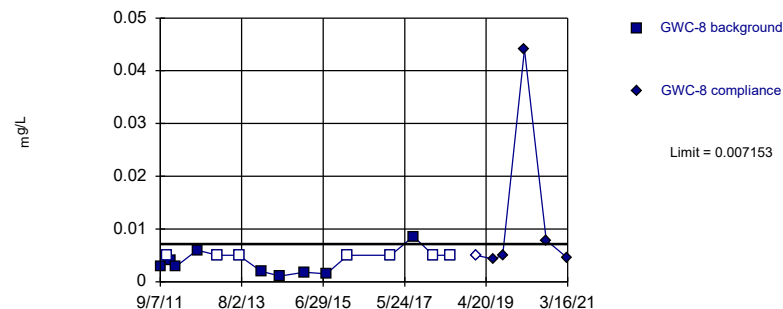


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

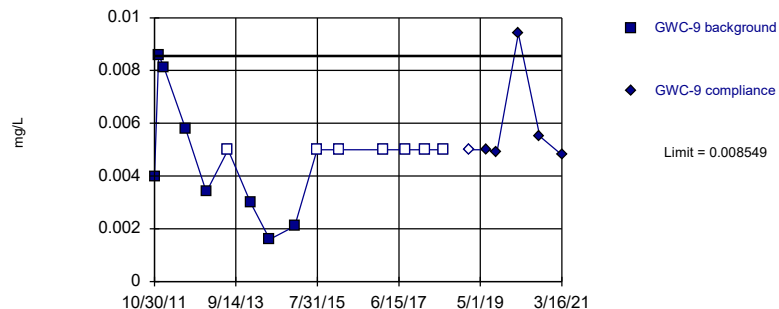


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002775, Std. Dev.=0.001974, n=16, 43.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.844. Kappa = 2.218 (c=16, w=29, 1 of 3, event alpha = 0.05132). Report alpha = 0.0001135.

Constituent: Zinc Analysis Run 4/27/2021 10:50 AM View: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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: 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		0.00043 (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

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	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: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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: 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	<0.001	
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

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	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: 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	0.00086 (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: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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

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	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: 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	0.0013	
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: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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

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	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

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	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: 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	0.00052 (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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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: AI  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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

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	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

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	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

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	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

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	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

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	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

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	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: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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: 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	<0.001	
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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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.	Transform	Alpha	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

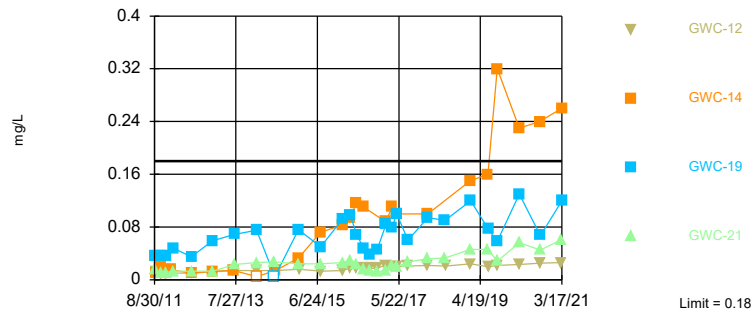
# Appendix I - Interwell Prediction Limits - All Results

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
<b>Barium (mg/L)</b>	<b>GWC-14</b>	<b>0.18</b>	<b>n/a</b>	<b>3/17/2021</b>	<b>0.26</b>	<b>Yes</b>	<b>158</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>11.39</b>	<b>n/a</b>	<b>n/a</b>	<b>0.000001479</b>	<b>NP Inter (normality) 1 of 3</b>
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

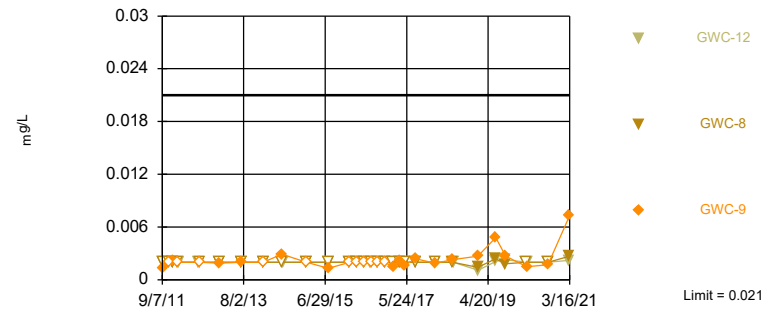


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 158 background values. 11.39% NDs. Annual per-constituent alpha = 0.00008575. Individual comparison alpha = 0.000001479 (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

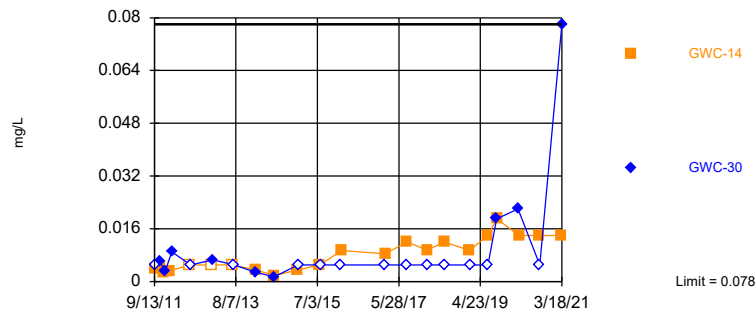


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 156 background values. 82.05% NDs. Annual per-constituent alpha = 0.00008972. Individual comparison alpha = 0.000001547 (1 of 3). Comparing 3 points to limit. Assumes 26 future values.

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



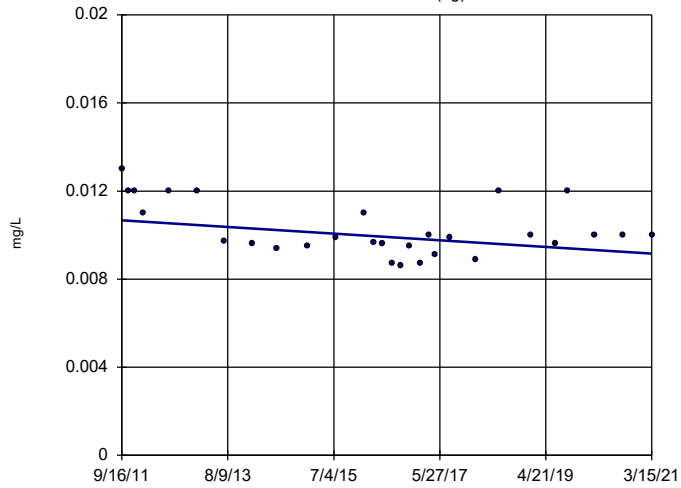
# Appendix I Trend Tests - All Results

Plant Wansley    Client: Southern Company    Data: Wansley Landfill    Printed 4/27/2021, 10:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
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
<b>Barium (mg/L)</b>	<b>GWA-4 (bg)</b>	<b>0.006406</b>	<b>169</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-12</b>	<b>0.001748</b>	<b>336</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-14</b>	<b>0.02452</b>	<b>232</b>	<b>111</b>	<b>Yes</b>	<b>25</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-19</b>	<b>0.007431</b>	<b>186</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>3.448</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Barium (mg/L)</b>	<b>GWC-21</b>	<b>0.003516</b>	<b>230</b>	<b>139</b>	<b>Yes</b>	<b>29</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Cobalt (mg/L)</b>	<b>GWA-2 (bg)</b>	<b>-0.00006075</b>	<b>-170</b>	<b>-139</b>	<b>Yes</b>	<b>29</b>	<b>62.07</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Nickel (mg/L)</b>	<b>GWA-1 (bg)</b>	<b>0</b>	<b>-103</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>72.73</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
<b>Nickel (mg/L)</b>	<b>GWA-2 (bg)</b>	<b>-0.0001377</b>	<b>-107</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>50</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
Nickel (mg/L)	GWA-28 (bg)	0	-74	-92	No	22	72.73	n/a	n/a	0.01	NP
<b>Nickel (mg/L)</b>	<b>GWA-29 (bg)</b>	<b>-0.0002541</b>	<b>-132</b>	<b>-92</b>	<b>Yes</b>	<b>22</b>	<b>13.64</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Zinc (mg/L)</b>	<b>GWC-14</b>	<b>0.001313</b>	<b>146</b>	<b>92</b>	<b>Yes</b>	<b>22</b>	<b>13.64</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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)

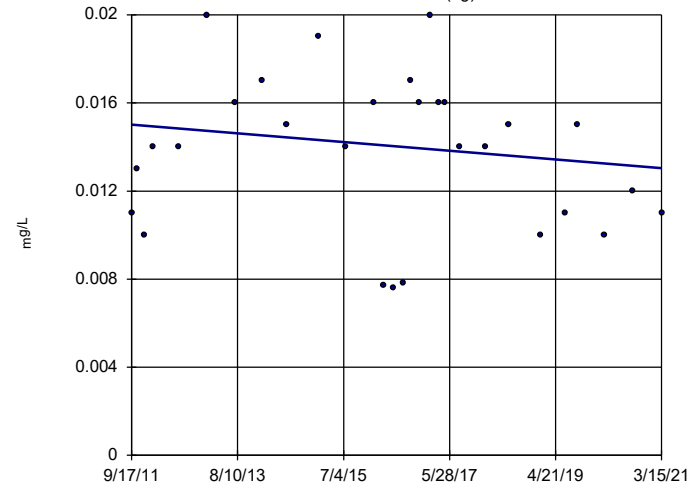


n = 29  
 Slope = -0.0001586  
 units per year.  
 Mann-Kendall  
 statistic = -70  
 critical = -139  
 Trend not sig-  
 nificant at 99%  
 confidence level  
 ( $\alpha = 0.005$  per  
 tail).

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)

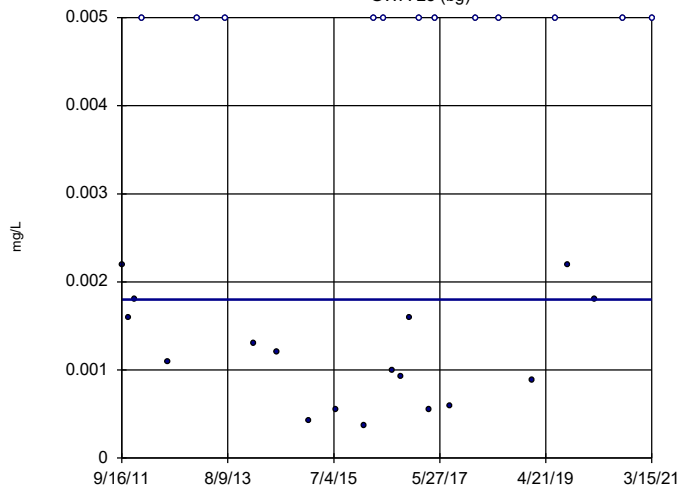


n = 29  
 Slope = -0.0002084  
 units per year.  
 Mann-Kendall  
 statistic = -41  
 critical = -139  
 Trend not sig-  
 nificant at 99%  
 confidence level  
 ( $\alpha = 0.005$  per  
 tail).

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)

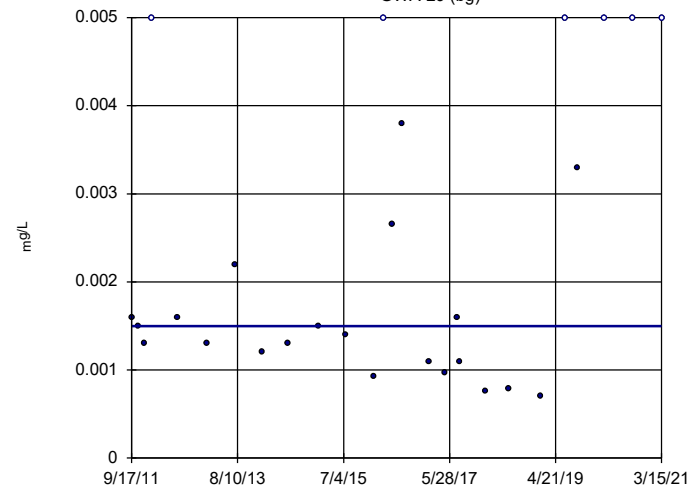


n = 29  
 Slope = 0  
 units per year.  
 Mann-Kendall  
 statistic = 38  
 critical = 139  
 Trend not sig-  
 nificant at 99%  
 confidence level  
 ( $\alpha = 0.005$  per  
 tail).

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

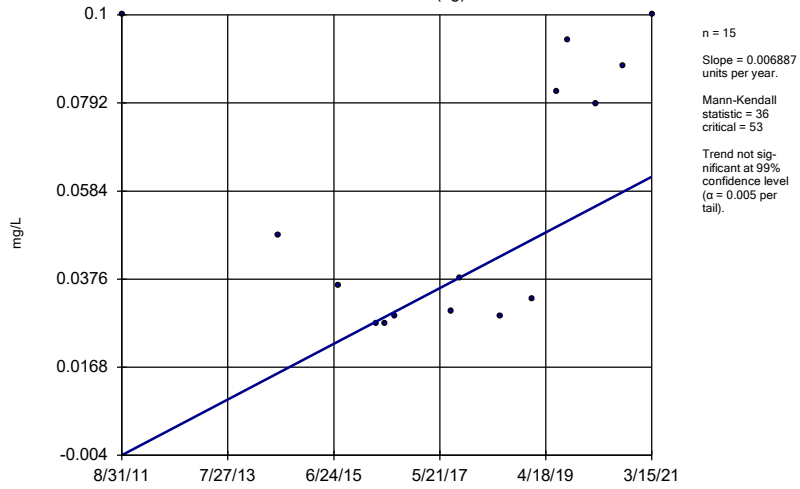
GWA-29 (bg)



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).

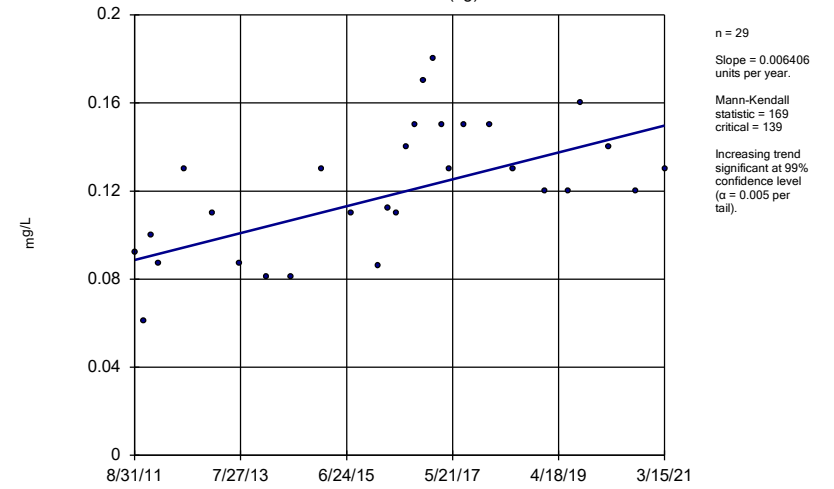
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-3 (bg)



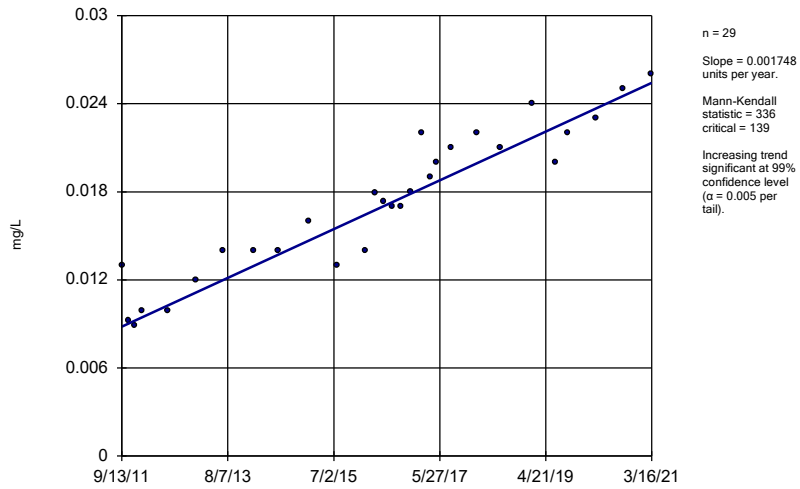
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-4 (bg)



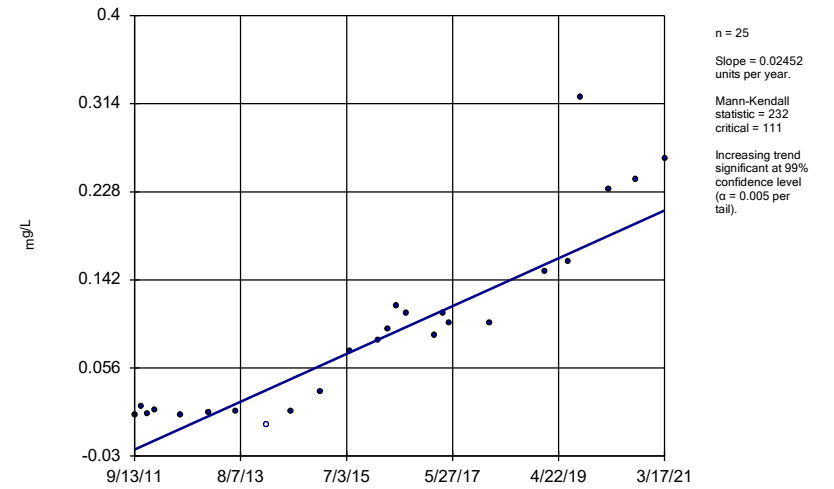
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-12



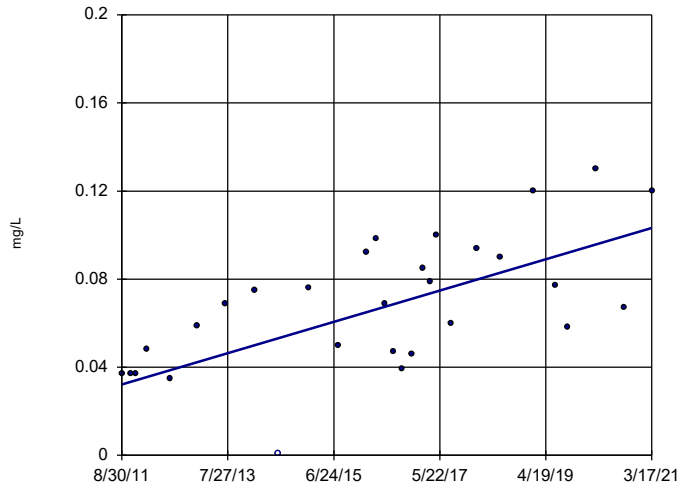
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-14



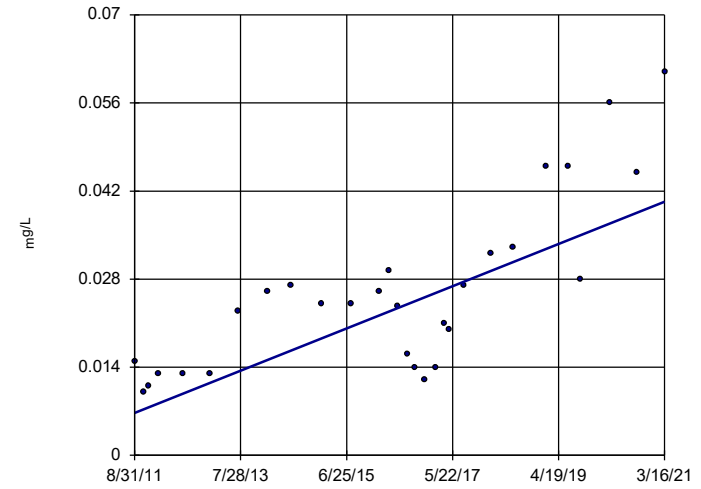
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-19



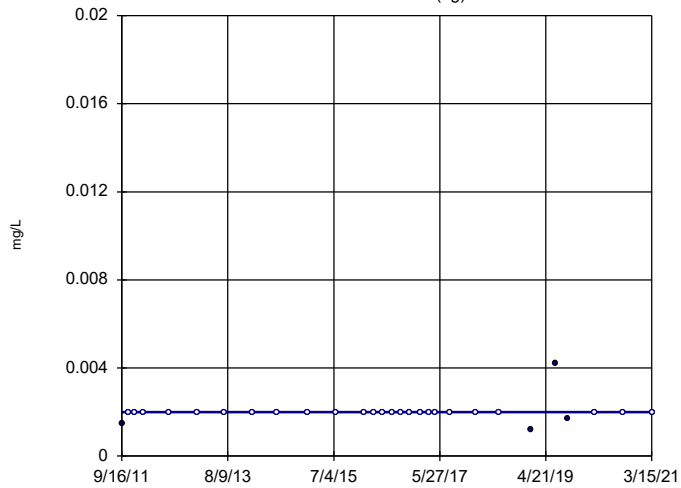
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-21



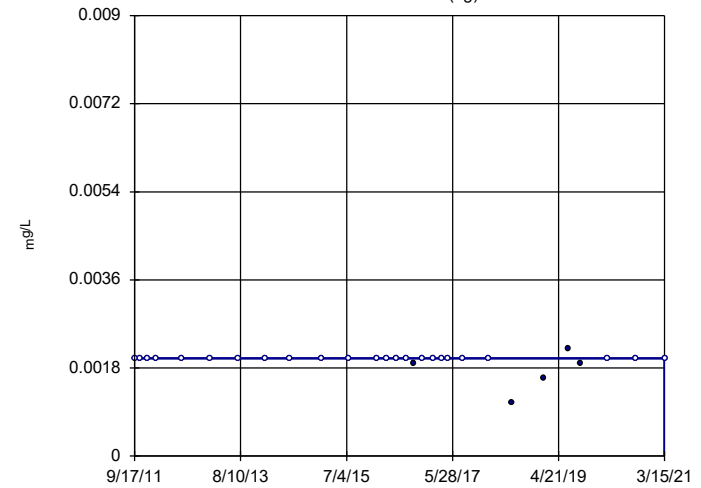
Constituent: Barium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-1 (bg)



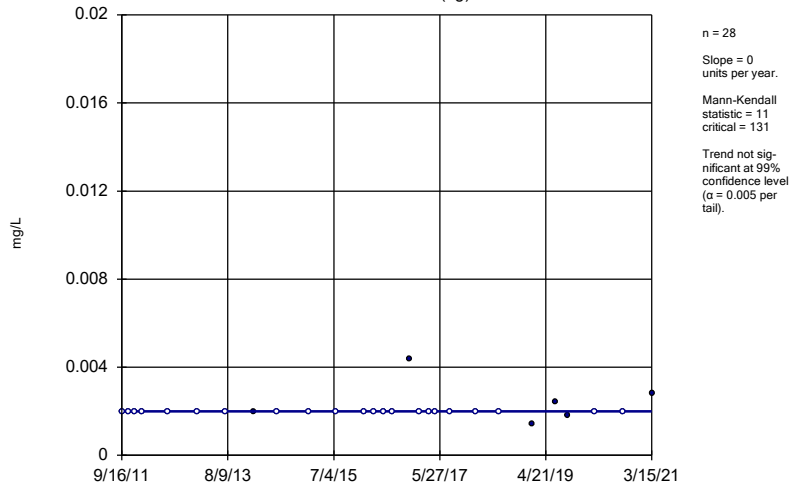
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-2 (bg)



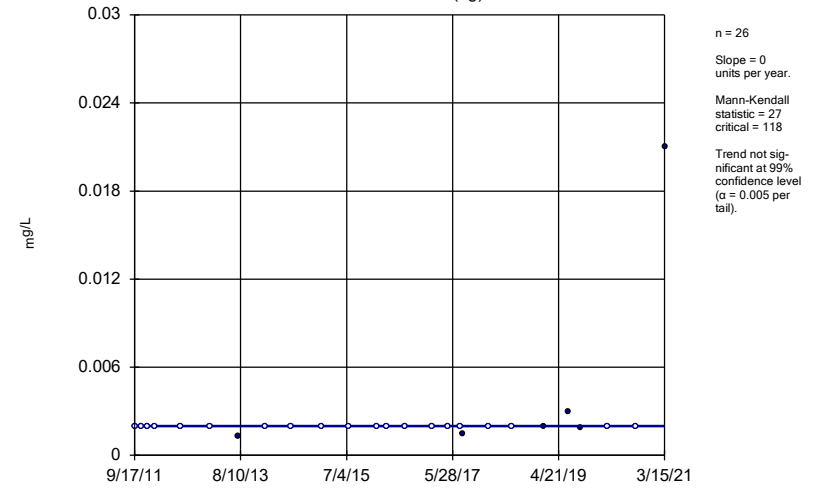
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-28 (bg)



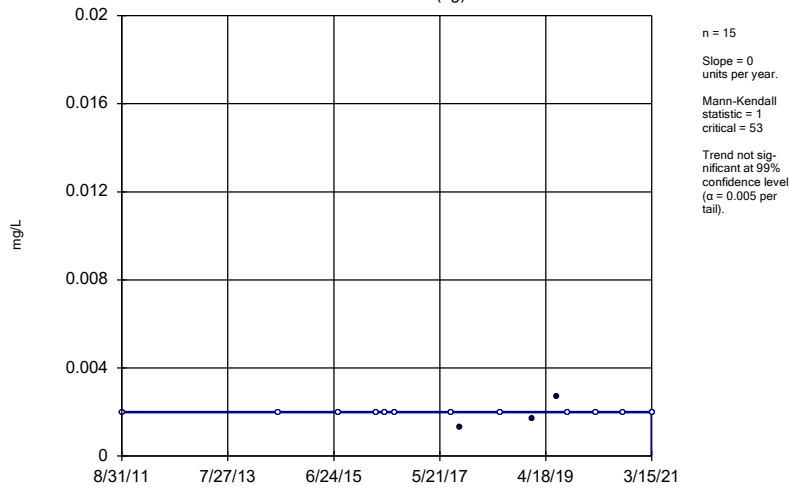
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-29 (bg)



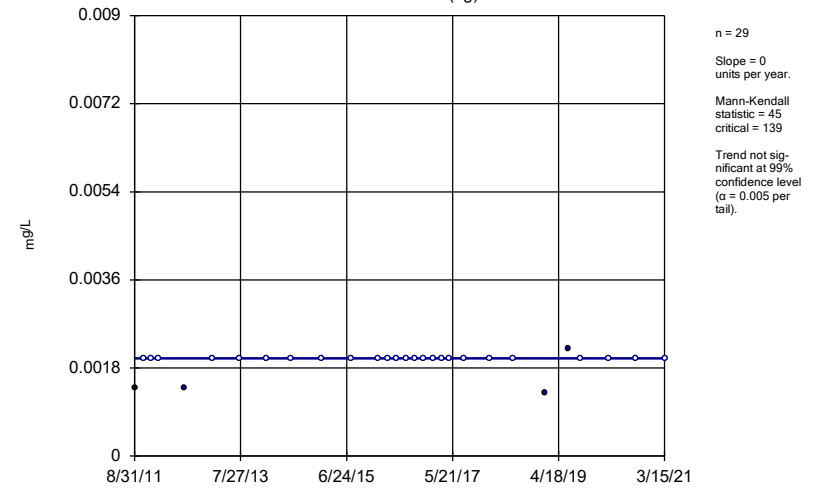
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-3 (bg)



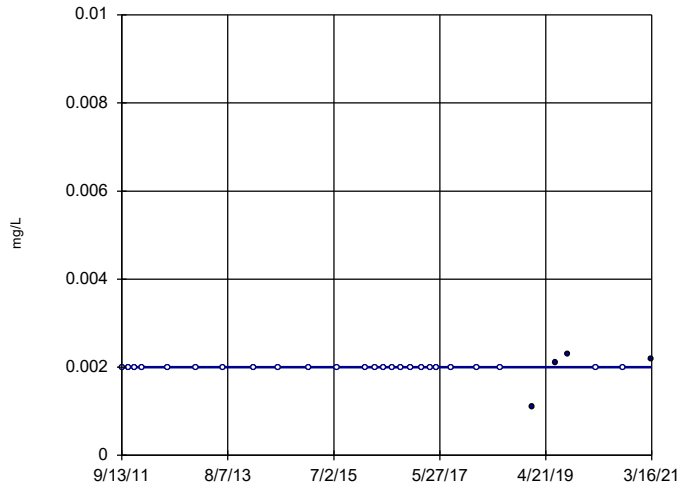
Constituent: Chromium Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### 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

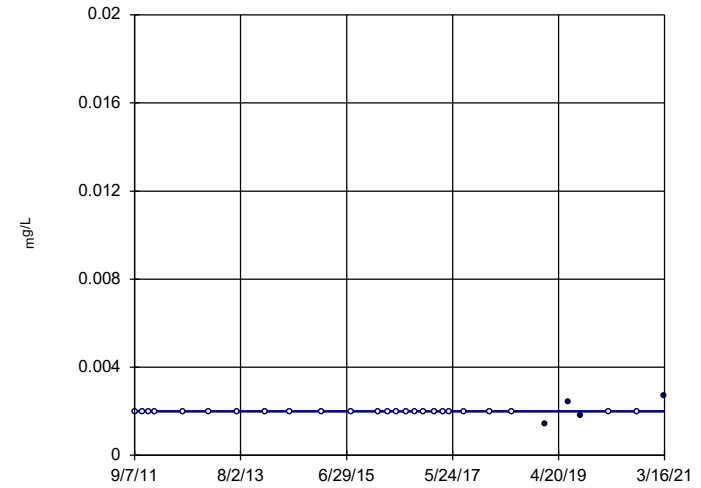
### Sen's Slope Estimator GWC-12



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

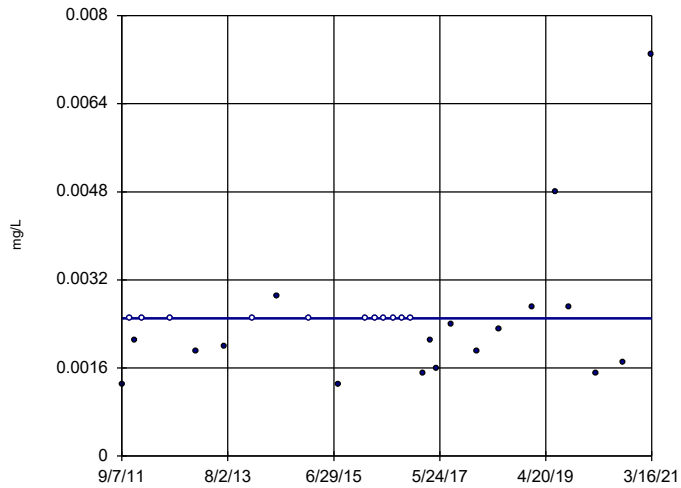
### Sen's Slope Estimator GWC-8



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

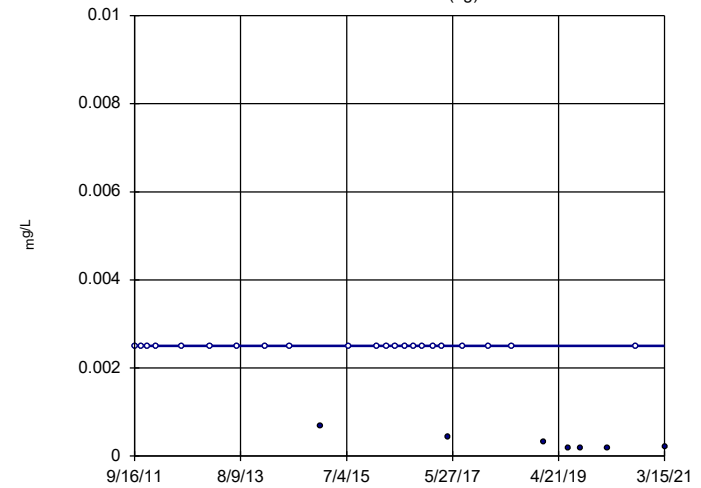
### Sen's Slope Estimator GWC-9



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

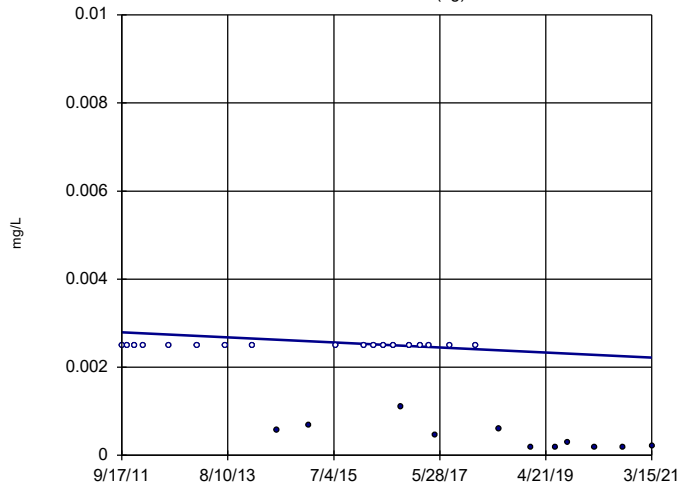
### Sen's Slope Estimator GWA-1 (bg)



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).

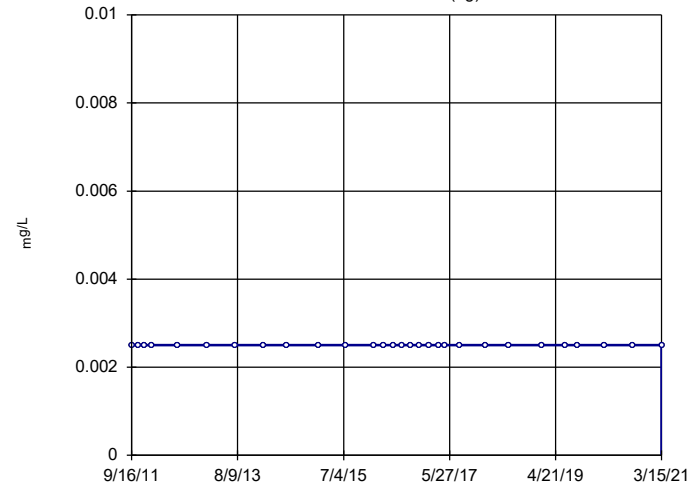
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-2 (bg)



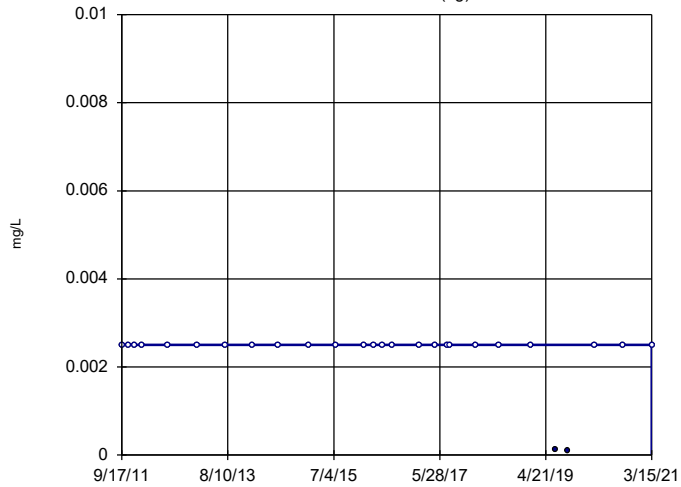
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-28 (bg)



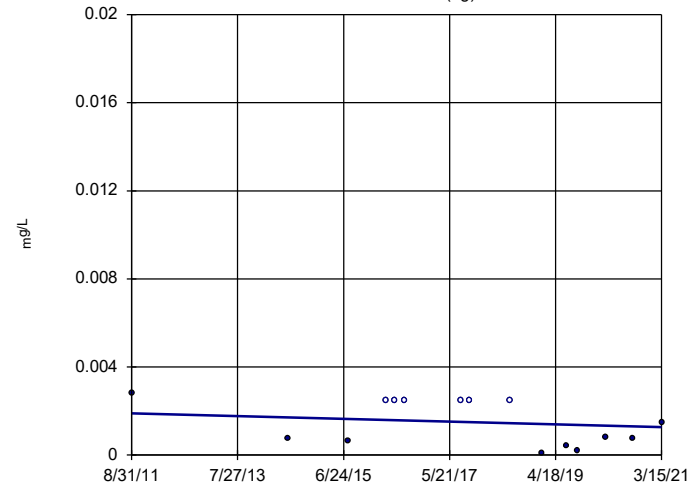
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-29 (bg)



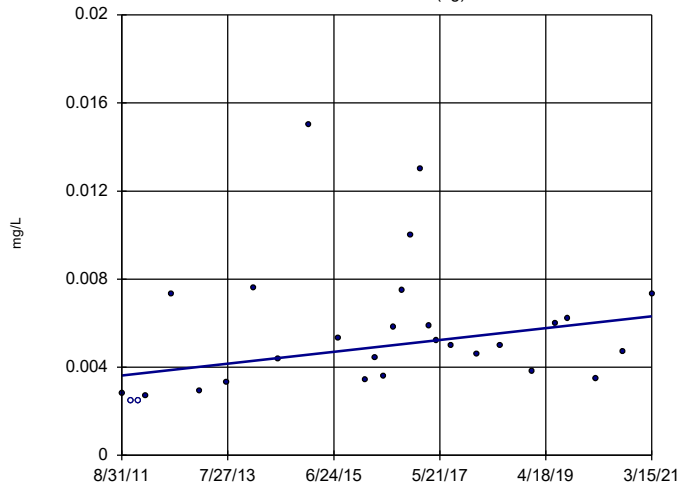
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-3 (bg)



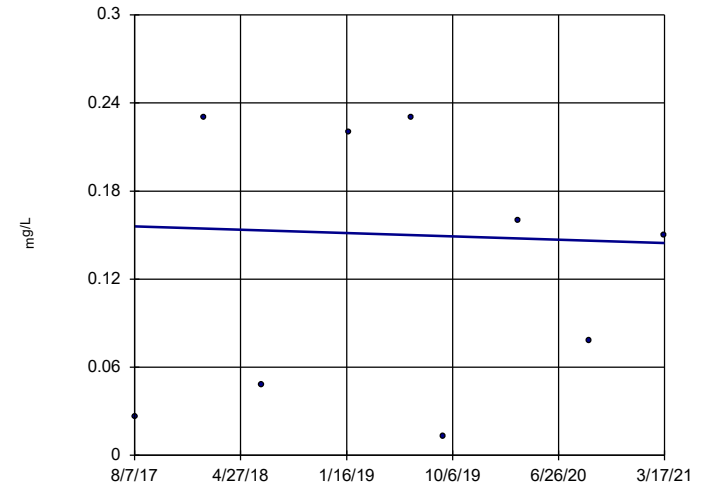
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-4 (bg)



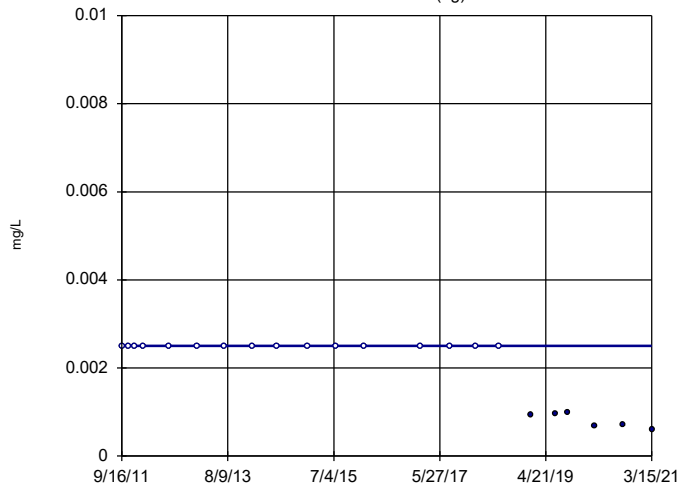
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-14



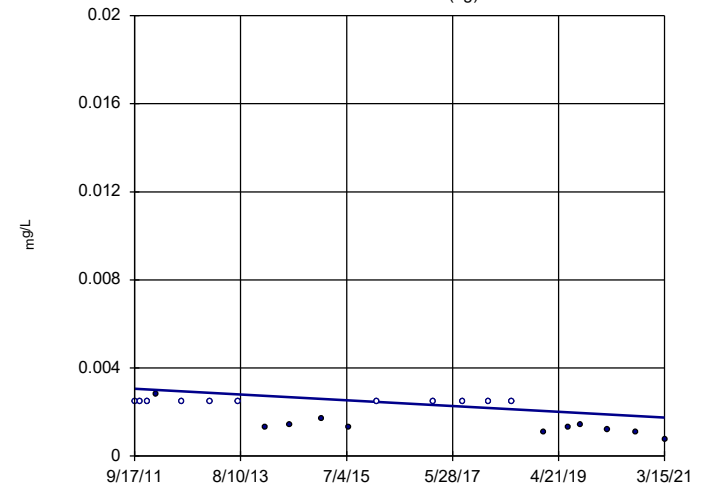
Constituent: Cobalt Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-1 (bg)



Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

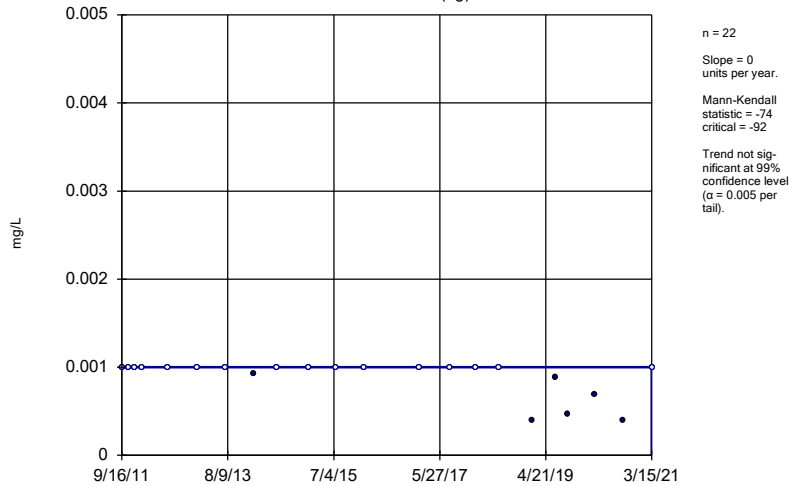
### Sen's Slope Estimator GWA-2 (bg)



Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

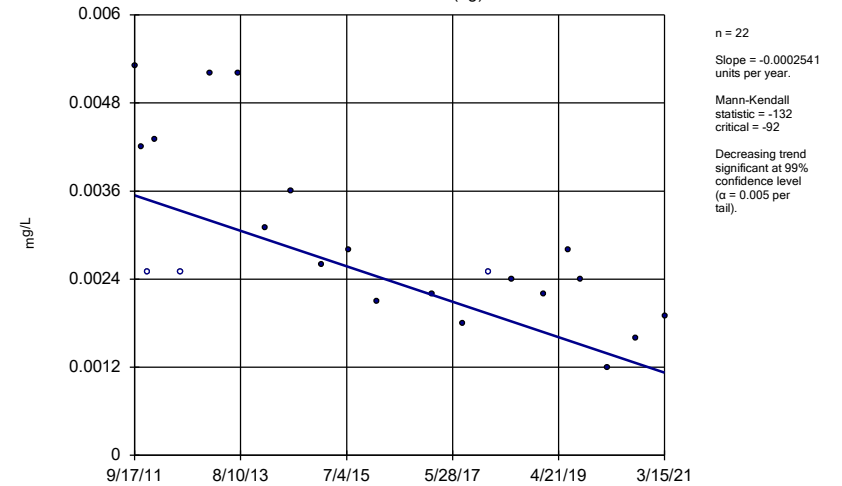


Sen's Slope Estimator  
GWA-28 (bg)



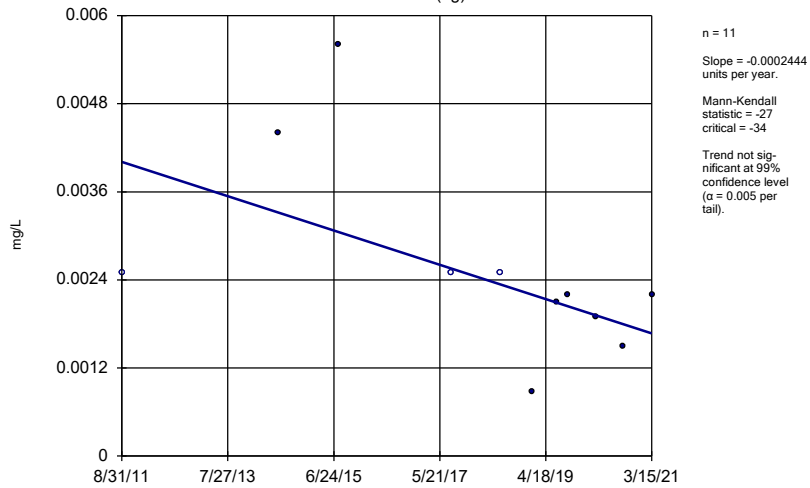
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-29 (bg)



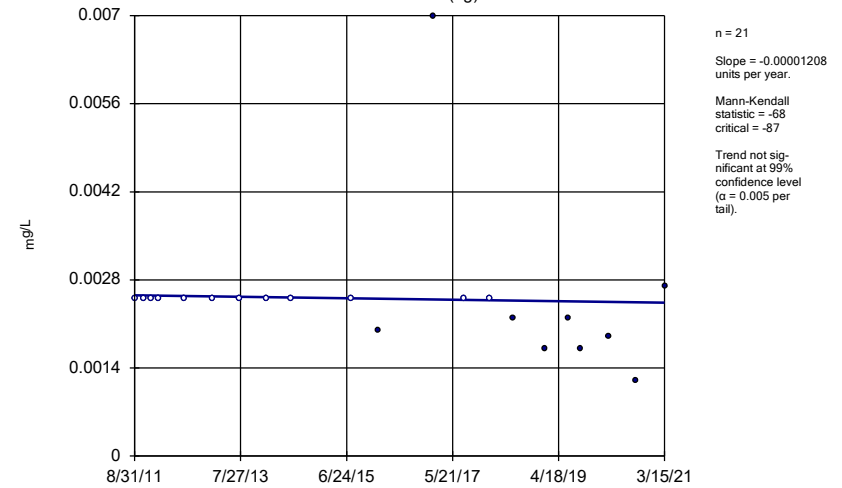
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-3 (bg)



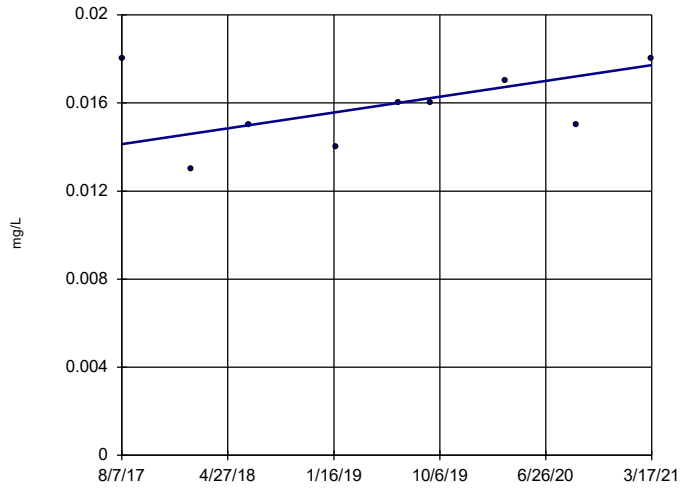
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-4 (bg)



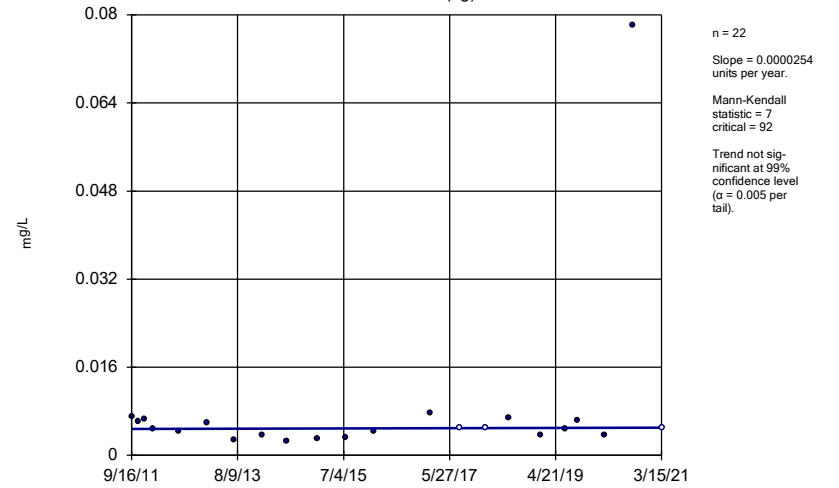
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-14



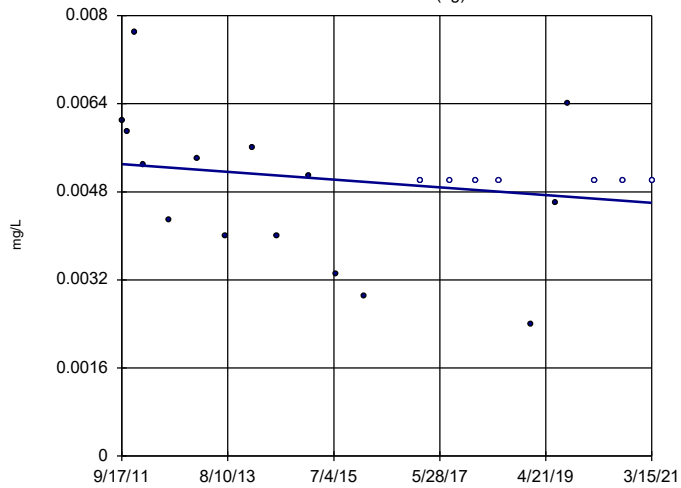
Constituent: Nickel Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-1 (bg)



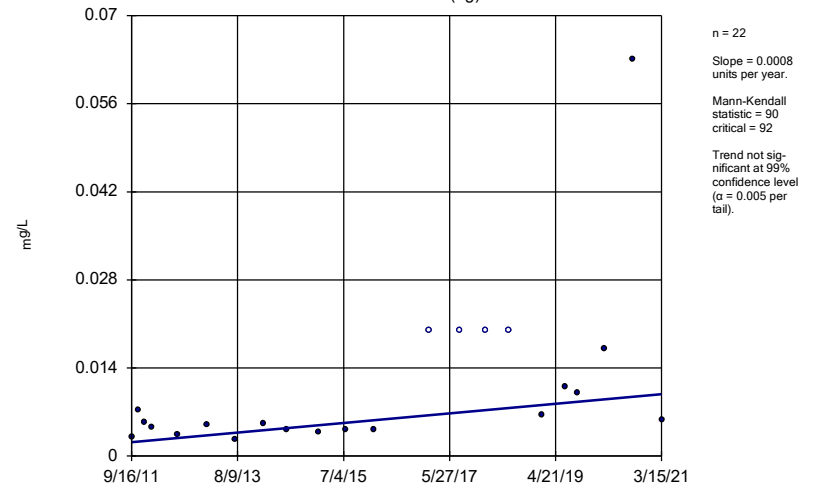
Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### 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

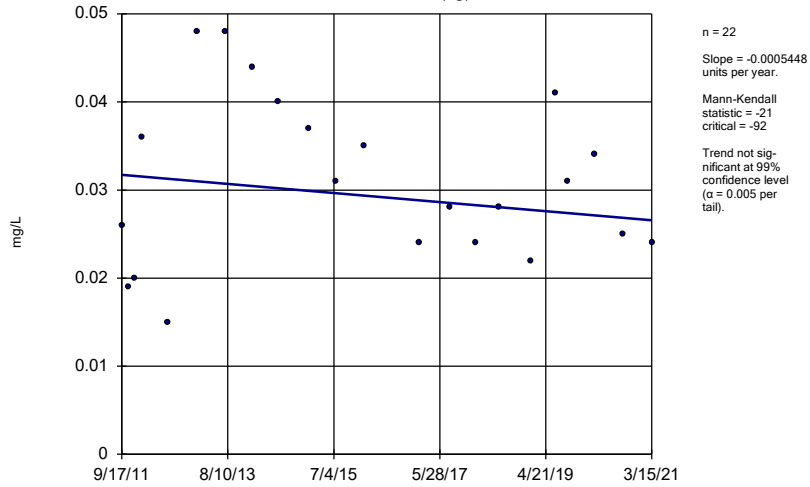
### Sen's Slope Estimator GWA-28 (bg)



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

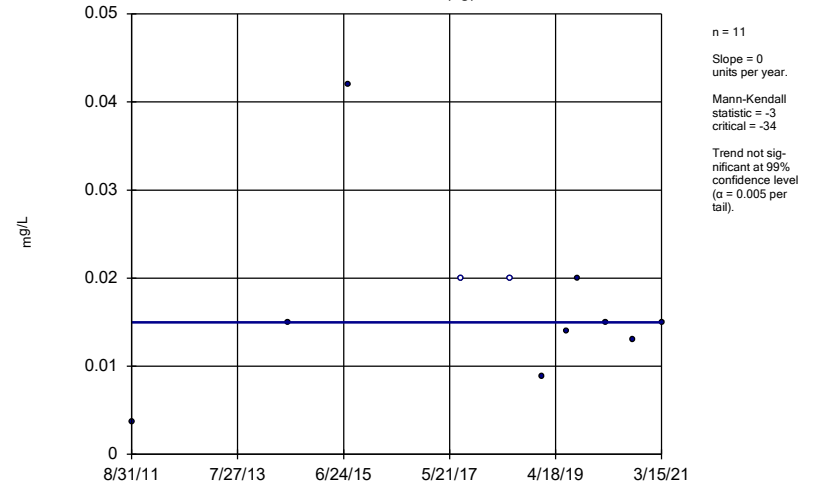
GWA-29 (bg)



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

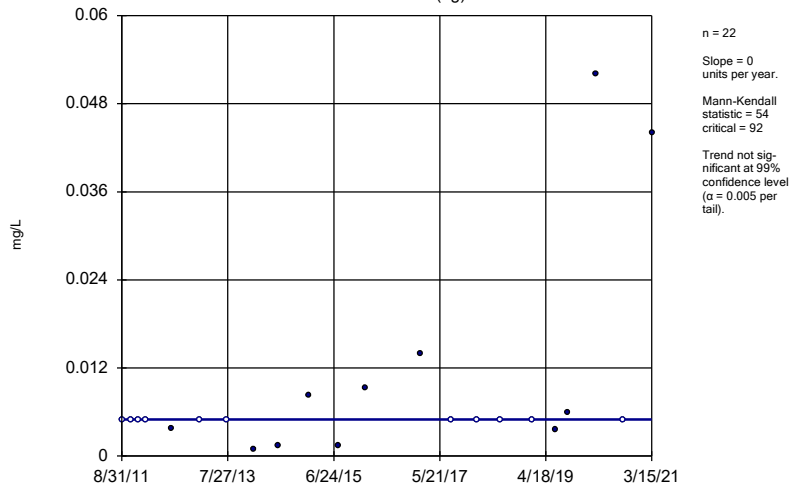
GWA-3 (bg)



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

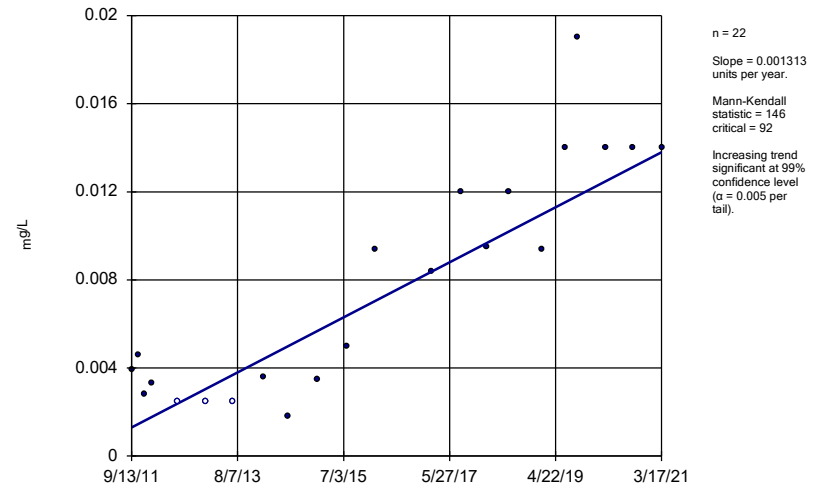
GWA-4 (bg)



Constituent: Zinc Analysis Run 4/27/2021 10:54 AM View: All Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

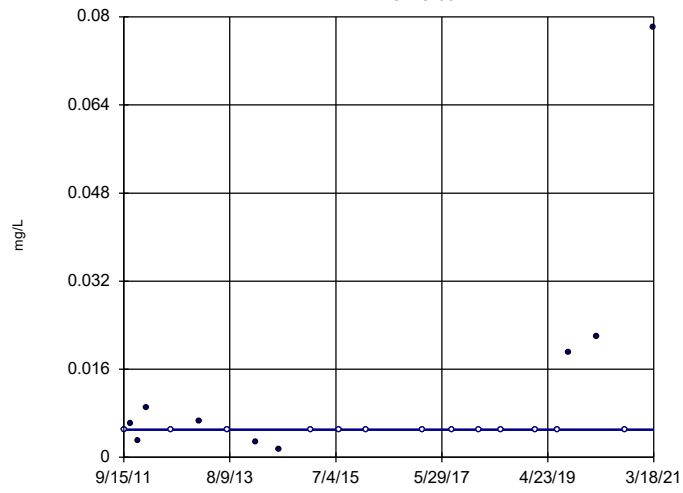
### Sen's Slope Estimator

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



n = 22  
Slope = 0  
units per year.  
Mann-Kendall  
statistic = 43  
critical = 92  
Trend not sig-  
nificant at 99%  
confidence level  
( $\alpha = 0.005$  per  
tail).

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	Obsrv.	Sig.	Bg	NB	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (S.U.)	GWA-1	5.838	4.925	3/15/2021	5.55	No	16	5.381	0.1652	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-2	6.045	5.368	3/15/2021	5.44	No	15	5.707	0.1195	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-28	6.785	5.444	3/15/2021	6.09	No	16	6.115	0.2427	0	None	None	No	0.0001297	Param Intra 1 of 2
<b>pH, Field (S.U.)</b>	<b>GWA-29</b>	<b>6.445</b>	<b>5.77</b>	<b>3/15/2021</b>	<b>5.51</b>	<b>Yes</b>	<b>14</b>	<b>n/a</b>	<b>n/a</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01722</b>	<b>NP Intra (normality) 1 of 2</b>
pH, Field (S.U.)	GWA-3	7.59	4.499	3/15/2021	5.28	No	8	6.044	0.4045	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWA-4	6.653	5.891	3/15/2021	6	No	14	6.272	0.1312	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-10	7.324	4.942	3/18/2021	6.13	No	14	6.133	0.4097	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-11	6.6	5.622	3/17/2021	6.23	No	16	6.111	0.1772	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-12	7.903	6.27	3/16/2021	7.62	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	3/17/2021	7.19	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-14	6.469	4.507	3/17/2021	5.31	No	16	5.488	0.3552	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-15	7.24	6.43	3/18/2021	6.92	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-16	6.396	5.806	3/17/2021	6.16	No	14	6.101	0.1015	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-17	6.484	5.944	3/16/2021	6.22	No	15	6.214	0.09511	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-18	6.25	5.664	3/16/2021	6.03	No	14	5.957	0.1008	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-19	6.356	5.555	3/17/2021	5.95	No	15	5.955	0.1414	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-20	7.121	6.08	3/16/2021	6.33	No	14	n/a	n/a	0	n/a	n/a	n/a	0.01722	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-21	6.575	5.35	3/16/2021	5.47	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-22	6.94	6.246	3/15/2021	6.78	No	15	6.593	0.1223	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-23	7.295	4.87	3/18/2021	6.02	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-24	7.624	3.985	3/18/2021	5.16	No	14	5.804	0.6258	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-25	7.45	4.89	3/17/2021	5.97	No	17	6.17	0.4699	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-26	6.038	5.58	3/17/2021	5.61	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-27	6.056	5.119	3/18/2021	5.39	No	16	5.588	0.1696	0	None	None	No	0.0001297	Param Intra 1 of 2
<b>pH, Field (S.U.)</b>	<b>GWC-30</b>	<b>6.78</b>	<b>5.9</b>	<b>3/18/2021</b>	<b>5.77</b>	<b>Yes</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01291</b>	<b>NP Intra (normality) 1 of 2</b>
pH, Field (S.U.)	GWC-31	6.536	5.691	3/16/2021	5.89	No	14	6.113	0.1454	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-32	6.432	5.857	3/17/2021	6.14	No	14	6.144	0.09892	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-33	7.005	5.744	3/18/2021	6.41	No	16	6.375	0.2283	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-34	6.622	5.289	3/16/2021	5.78	No	16	5.956	0.2414	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-35	6.32	5.19	3/16/2021	5.44	No	16	n/a	n/a	0	n/a	n/a	n/a	0.01291	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-5	7.05	6.15	3/17/2021	6.22	No	15	n/a	n/a	0	n/a	n/a	n/a	0.01507	NP Intra (normality) 1 of 2
pH, Field (S.U.)	GWC-6	6.569	5.49	3/17/2021	6.1	No	15	6.03	0.1904	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-7	6.598	6.104	3/16/2021	6.5	No	15	6.351	0.08699	0	None	None	No	0.0001297	Param Intra 1 of 2
pH, Field (S.U.)	GWC-8	6.647	5.507	3/16/2021	5.99	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	3/16/2021	5.78	No	14	5.861	0.183	0	None	None	No	0.0001297	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-1	1	n/a	3/15/2021	1ND	No	15	n/a	n/a	93.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWA-2	3.105	n/a	3/15/2021	1.5	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	3/15/2021	0.95J	No	15	1.244	0.3334	6.667	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-29	26	n/a	3/15/2021	6.8	No	14	n/a	n/a	0	n/a	n/a	n/a	0.008612	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWA-3	342.8	n/a	3/15/2021	36	No	8	92.09	65.61	12.5	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWA-4	15	n/a	3/15/2021	7.7	No	15	n/a	n/a	0	n/a	n/a	n/a	0.007533	NP Intra (normality) 1 of 2
Sulfate as SO4 (mg/L)	GWC-10	56.03	n/a	3/18/2021	11	No	15	27.94	9.91	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-11	1.5	n/a	3/17/2021	1ND	No	14	n/a	n/a	78.57	n/a	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
<b>Sulfate as SO4 (mg/L)</b>	<b>GWC-12</b>	<b>28.54</b>	<b>n/a</b>	<b>3/16/2021</b>	<b>2.9</b>	<b>Yes</b>	<b>15</b>	<b>22.2</b>	<b>2.238</b>	<b>0</b>	<b>None</b>	<b>None</b>	<b>No</b>	<b>0.0002595</b>	<b>Param Intra 1 of 2</b>
Sulfate as SO4 (mg/L)	GWC-13	3.195	n/a	3/17/2021	2.5	No	15	2.597	0.2111	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-14	40.18	n/a	3/17/2021	16	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	3/18/2021	1.7	No	15	1.509	0.3894	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-16	1	n/a	3/17/2021	1ND	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-17	1.1	n/a	3/16/2021	1ND	No	15	n/a	n/a	53.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-18	1	n/a	3/16/2021	1ND	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-19	3.072	n/a	3/17/2021	1ND	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	3/16/2021	1ND	No	15	0.963	0.1684	6.667	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-21	1	n/a	3/16/2021	1ND	No	15	n/a	n/a	86.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-22	1	n/a	3/15/2021	1ND	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-23	1	n/a	3/18/2021	1ND	No	15	n/a	n/a	66.67	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-24	1.019	n/a	3/18/2021	1ND	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-25	36.07	n/a	3/17/2021	7.2	No	15	12.5	8.315	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-26	1	n/a	3/17/2021	1ND	No	15	n/a	n/a	73.33	n/a	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Sulfate as SO4 (mg/L)	GWC-27	4.306	n/a	3/18/2021	2.3	No	15	1.723	0.9113	6.667	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-30	1.726	n/a	3/18/2021	1.1	No	15	1.252	0.1671	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-31	25.74	n/a	3/16/2021	11	No	10	14.8	3.29	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-32	15.43	n/a	3/17/2021	9.1	No	15	10.75	1.652	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-33	35.66	n/a	3/18/2021	9.1	No	14	17.78	6.15	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-34	2.085	n/a	3/16/2021	1.3	No	15	1.535	0.1943	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-35	3.131	n/a	3/16/2021	2.2	No	15	2.587	0.1918	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-5	44.19	n/a	3/17/2021	26	No	8	28.38	4.138	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-6	19.26	n/a	3/17/2021	12	No	15	12.52	2.376	0	None	None	No	0.0002595	Param Intra 1 of 2
Sulfate as SO4 (mg/L)	GWC-7	110.2	n/a	3/16/2021	45	No	14	72.49	12.97	0	None	None	No	0.0002595	Param Intra 1 of 2

# Appendix III - Intrawell Prediction Limits - All Results

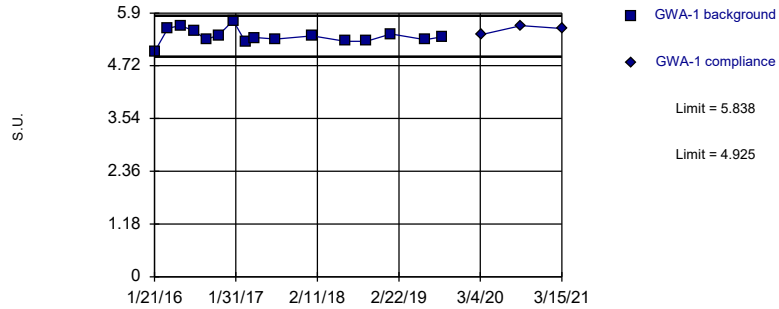
Plant Wansley Client: Southern Company Data: Wansley Landfill Printed 4/27/2021, 11:04 AM

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

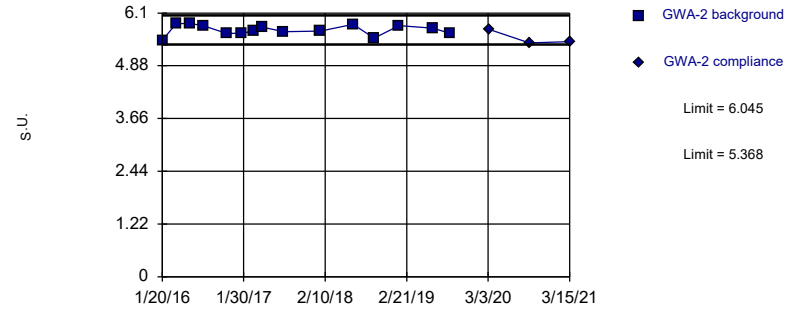


Background Data Summary: Mean=5.381, Std. Dev.=0.1652, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

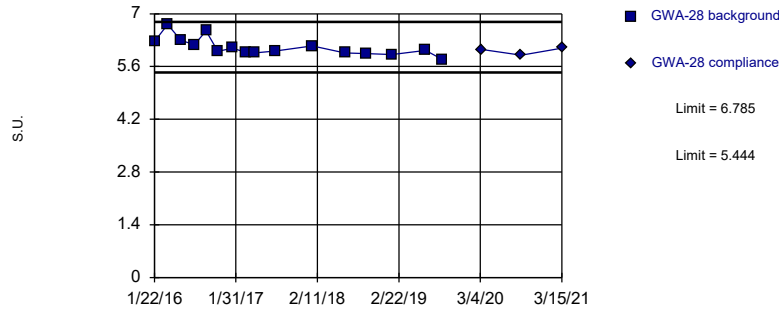


Background Data Summary: Mean=5.707, Std. Dev.=0.1195, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9336, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

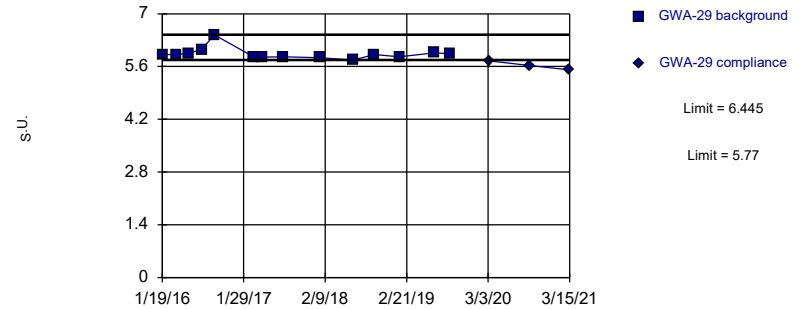


Background Data Summary: Mean=6.115, Std. Dev.=0.2427, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8736, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

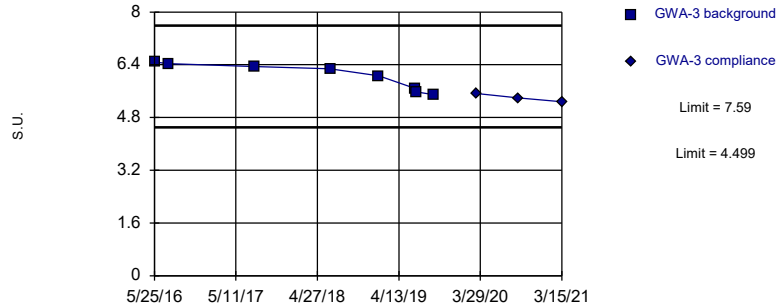


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 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

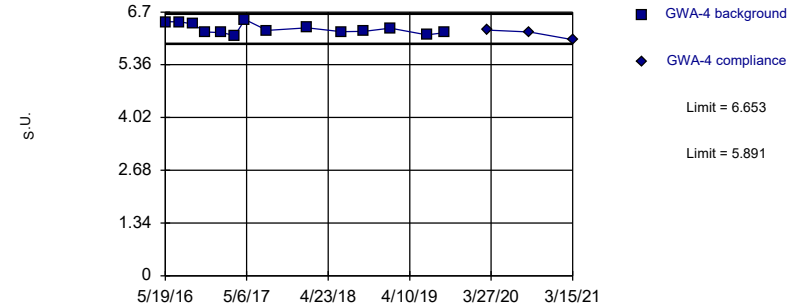


Background Data Summary: Mean=6.044, Std. Dev.=0.4045, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8696, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

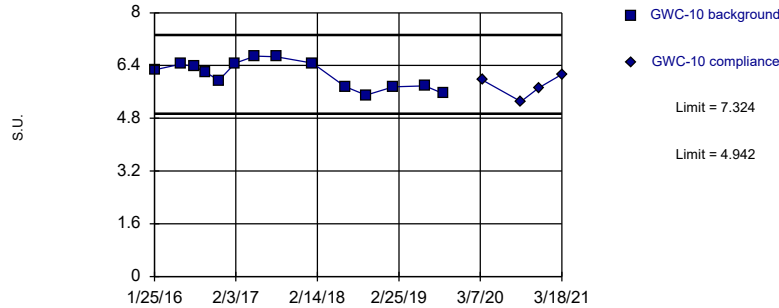


Background Data Summary: Mean=6.272, Std. Dev.=0.1312, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

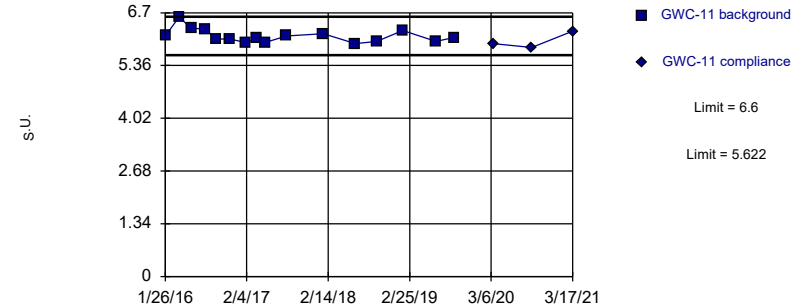


Background Data Summary: Mean=6.133, Std. Dev.=0.4097, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9179, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

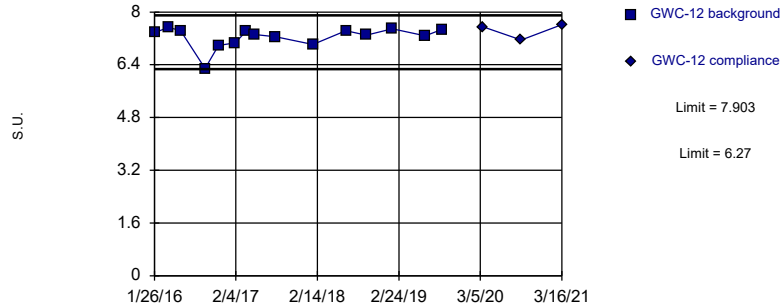


Background Data Summary: Mean=6.111, Std. Dev.=0.1772, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8741, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

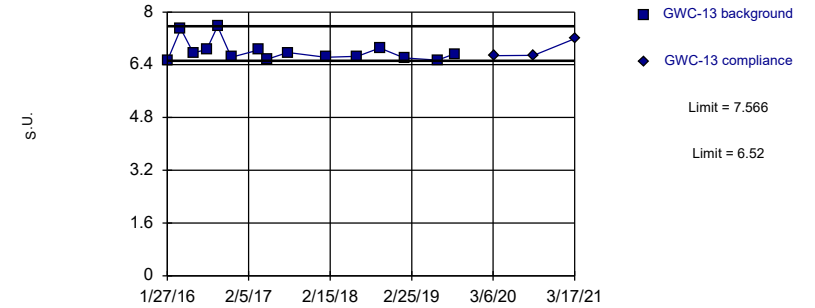


Background Data Summary (based on  $x^5$  transformation): Mean=20261, Std. Dev.=3730, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8398, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

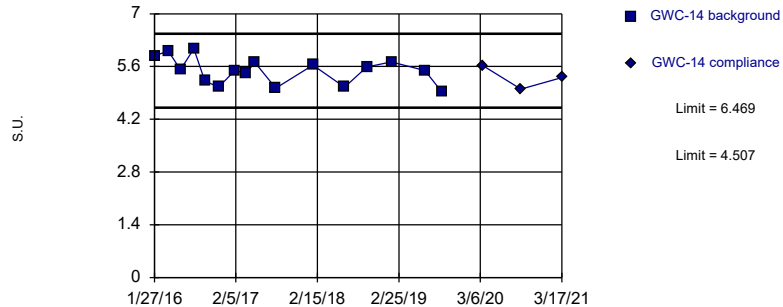


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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

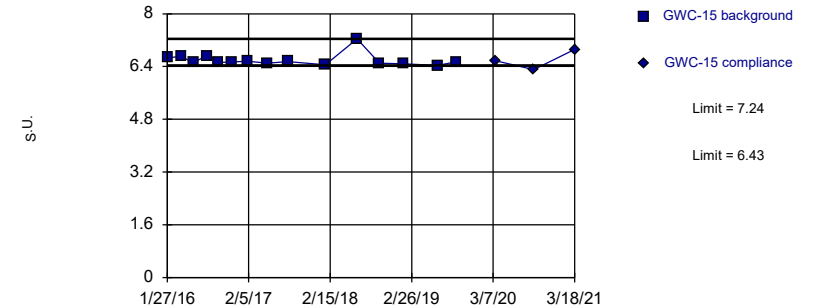


Background Data Summary: Mean=5.488, Std. Dev.=0.3552, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

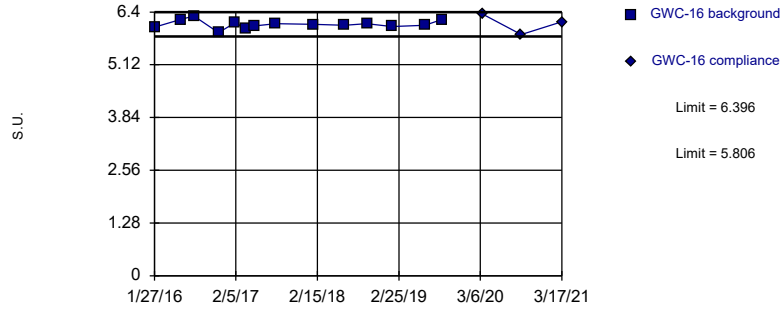


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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

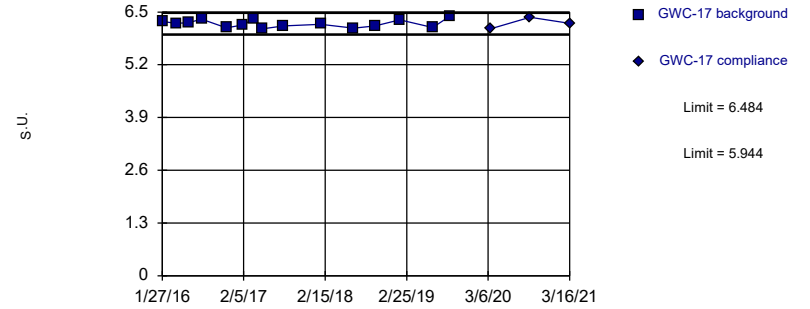


Background Data Summary: Mean=6.101, Std. Dev.=0.1015, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

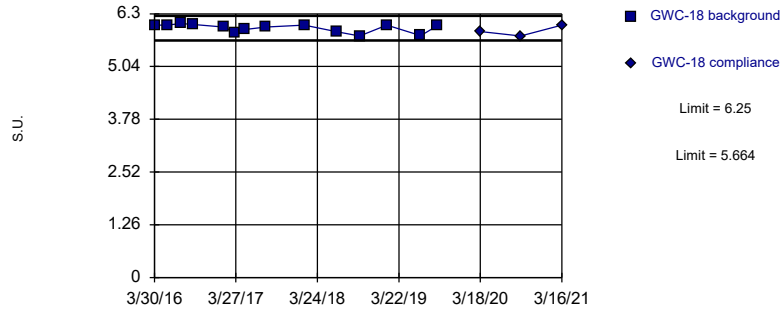


Background Data Summary: Mean=6.214, Std. Dev.=0.09511, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9448, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

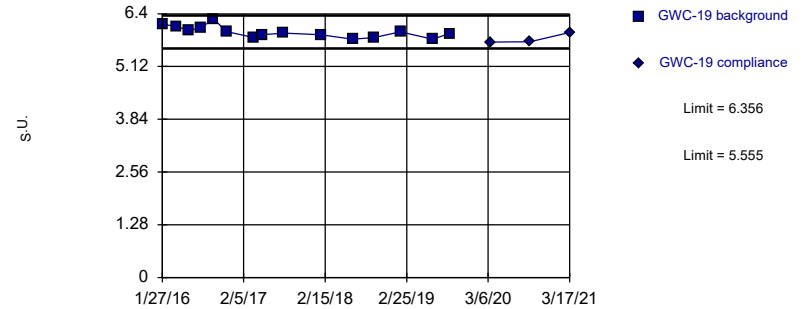


Background Data Summary: Mean=5.957, Std. Dev.=0.1008, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

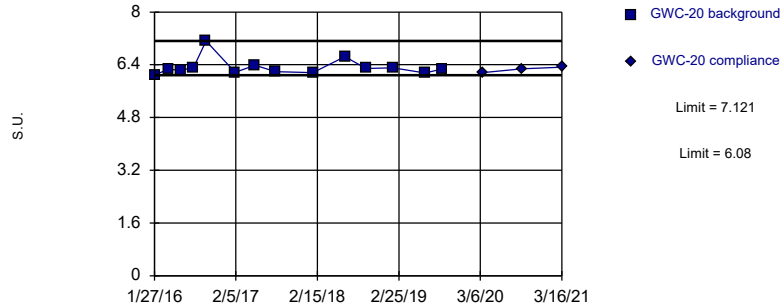


Background Data Summary: Mean=5.955, Std. Dev.=0.1414, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

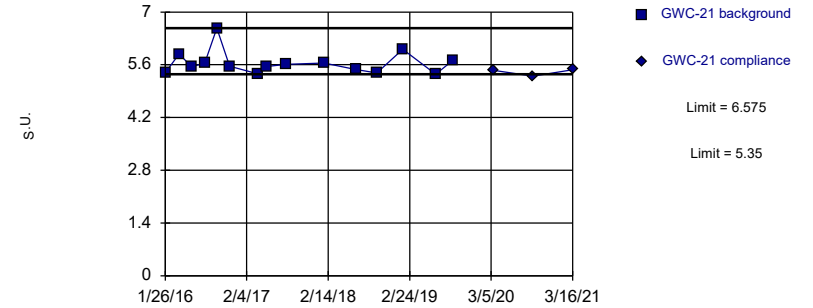


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.0343. Individual comparison alpha = 0.01722 (1 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

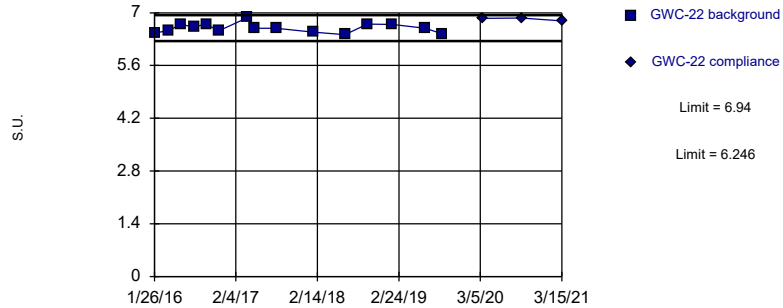


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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

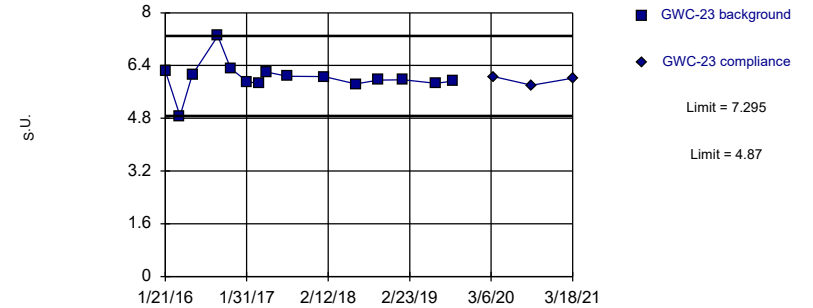


Background Data Summary: Mean=6.593, Std. Dev.=0.1223, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9466, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

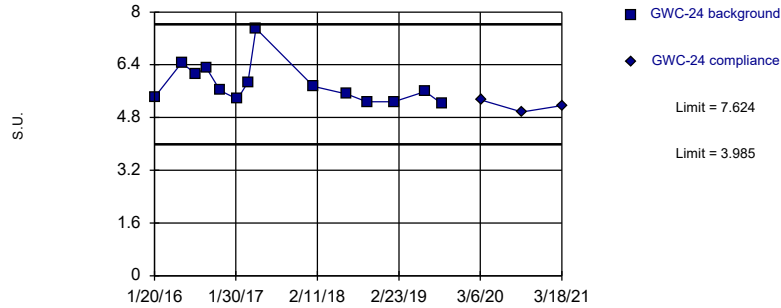


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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

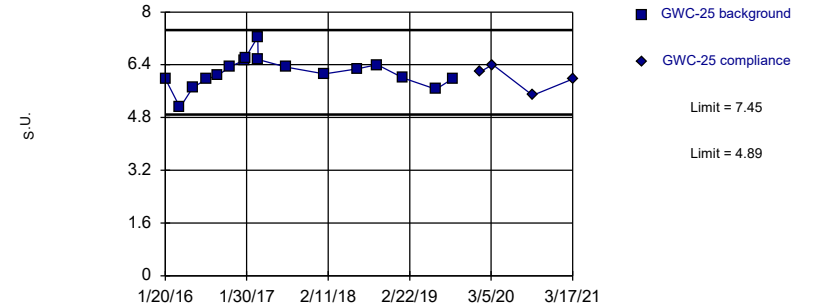


Background Data Summary: Mean=5.804, Std. Dev.=0.6258, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8325, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

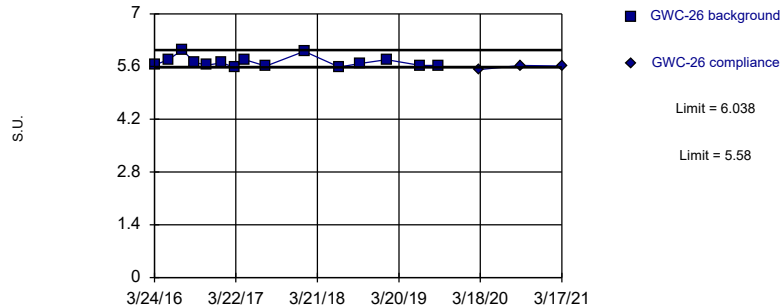


Background Data Summary: Mean=6.17, Std. Dev.=0.4699, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.959, critical = 0.851. Kappa = 2.724 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

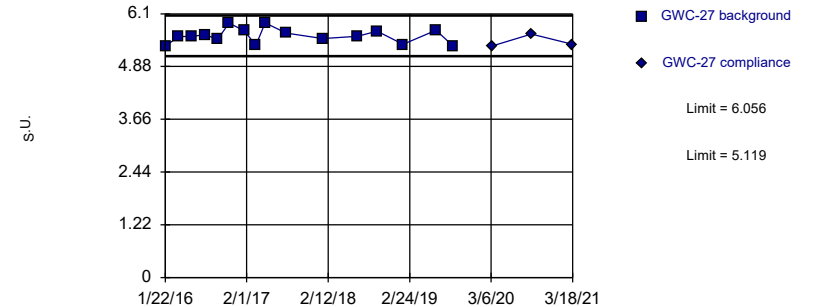


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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

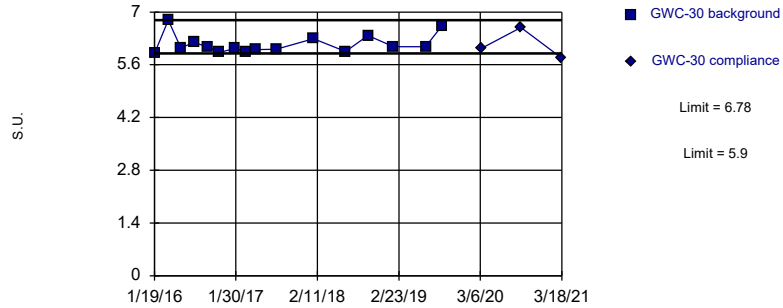


Background Data Summary: Mean=5.588, Std. Dev.=0.1696, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

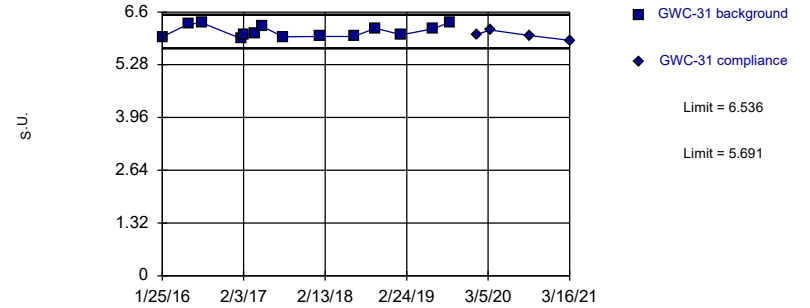


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (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

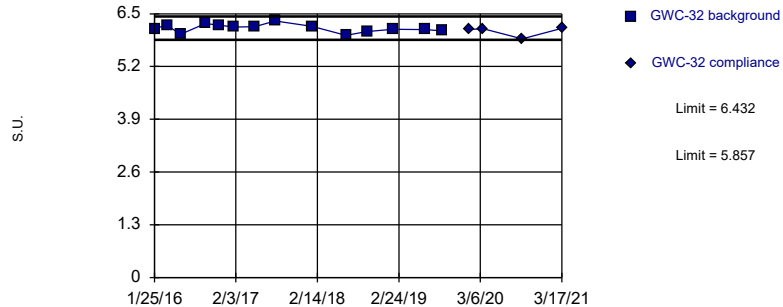


Background Data Summary: Mean=6.113, Std. Dev.=0.1454, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8799, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

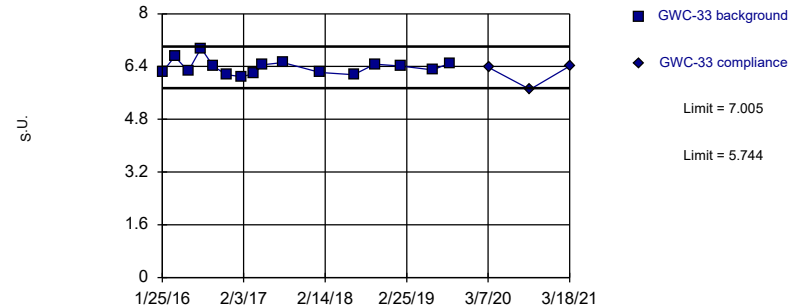


Background Data Summary: Mean=6.144, Std. Dev.=0.09892, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9812, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

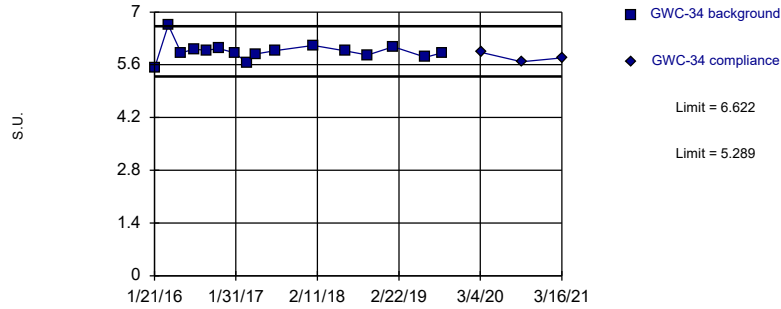


Background Data Summary: Mean=6.375, Std. Dev.=0.2283, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

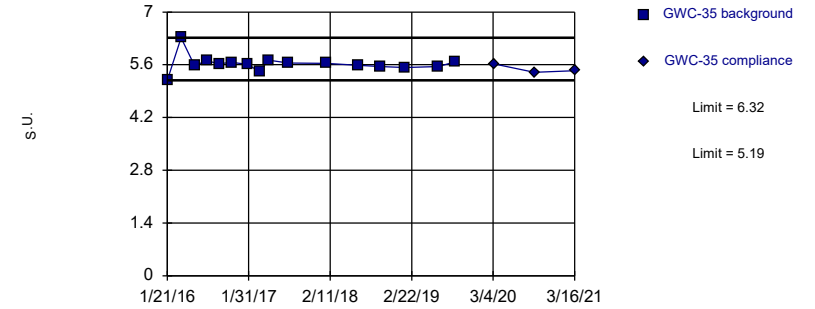


Background Data Summary: Mean=5.956, Std. Dev.=0.2414, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8509, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

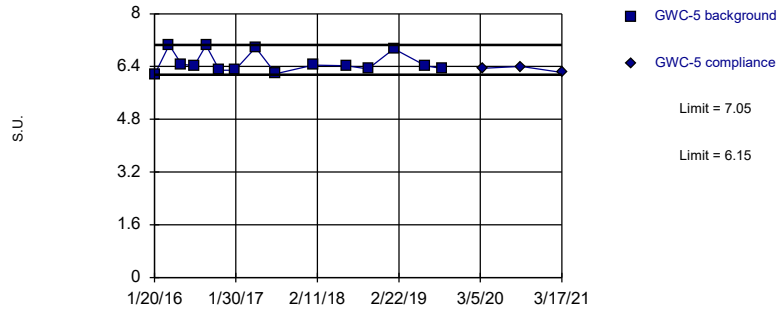


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 16 background values. Well-constituent pair annual alpha = 0.02574. Individual comparison alpha = 0.01291 (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

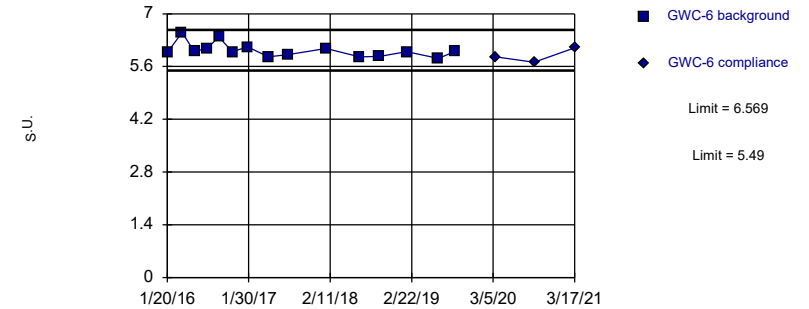


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 15 background values. Well-constituent pair annual alpha = 0.03002. Individual comparison alpha = 0.01507 (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



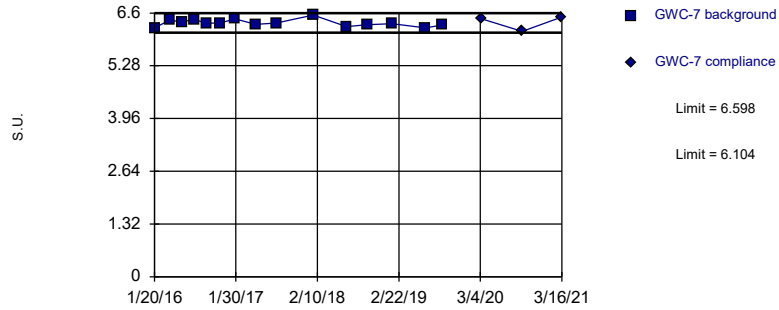
Background Data Summary: Mean=6.03, Std. Dev.=0.1904, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8396, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

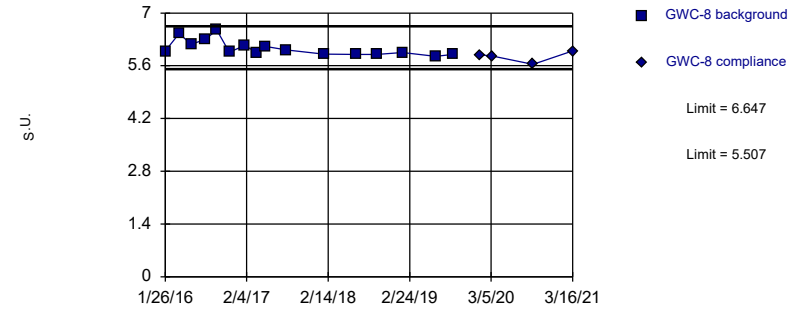


Background Data Summary: Mean=6.351, Std. Dev.=0.08699, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

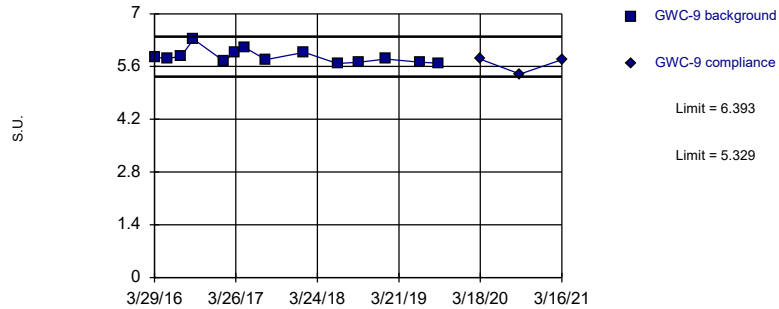


Background Data Summary (based on square root transformation): Mean=2.462, Std. Dev.=0.04189, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8455, critical = 0.844. Kappa = 2.762 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

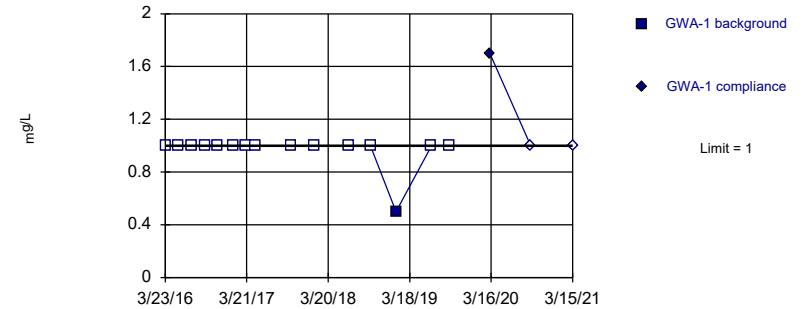


Background Data Summary: Mean=5.861, Std. Dev.=0.183, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8616, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: pH, Field Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limits

Prediction Limit  
Intrawell Non-parametric



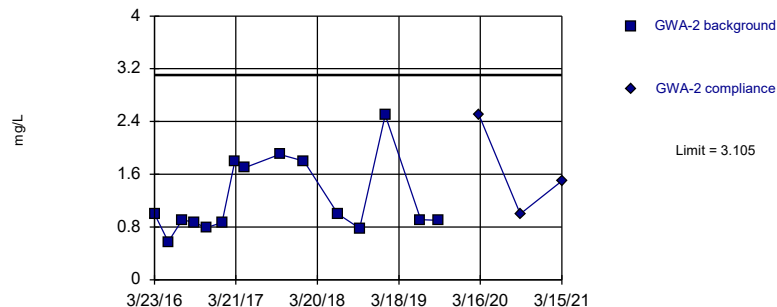
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

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



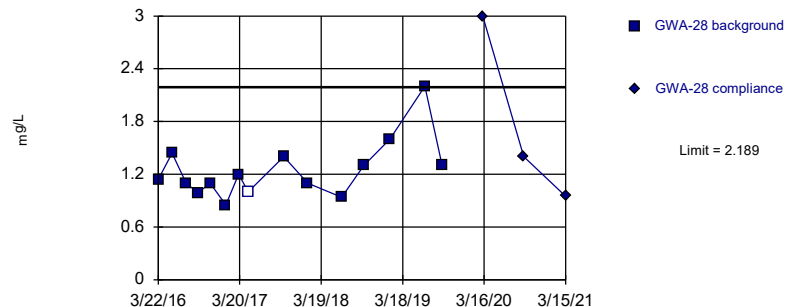
Background Data Summary (based on square root transformation): Mean=1.08, Std. Dev.=0.2406, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8573, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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



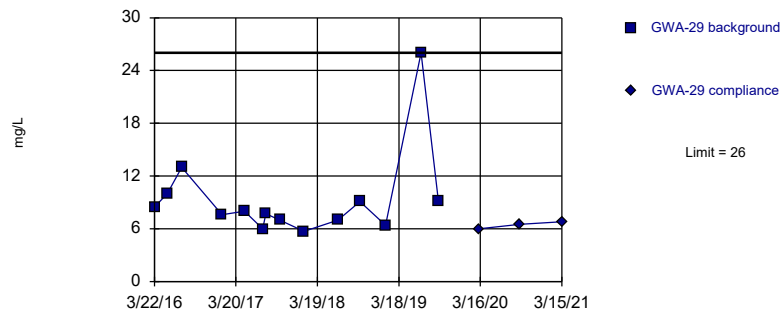
Background Data Summary: Mean=1.244, Std. Dev.=0.3334, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8497, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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



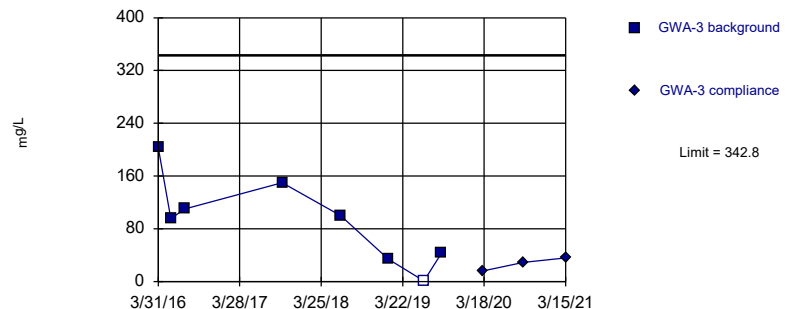
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 14 background values. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

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

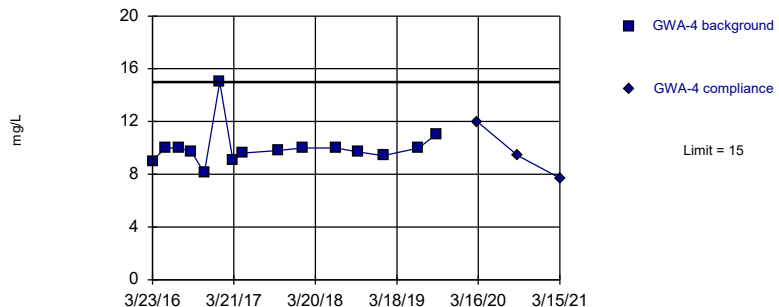


Background Data Summary: Mean=92.09, Std. Dev.=65.61, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.969, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

### Prediction Limit Intrawell Non-parametric

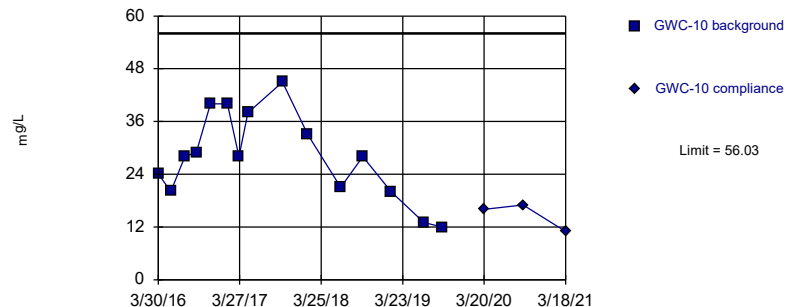


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

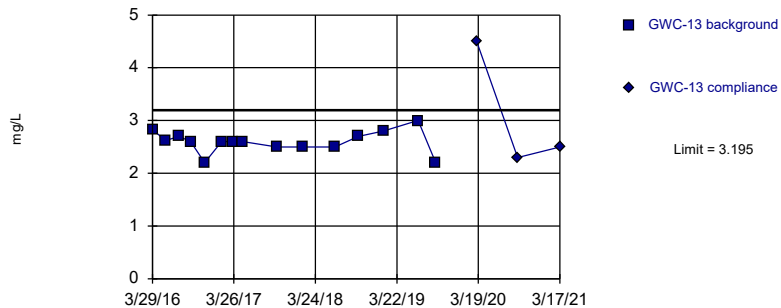
Within Limit

### Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit  
Intrawell Parametric

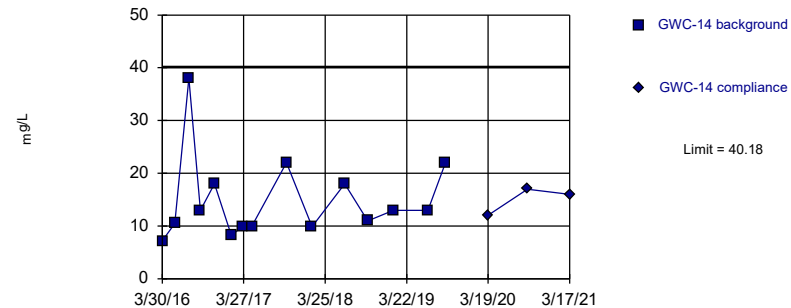


Background Data Summary: Mean=2.597, Std. Dev.=0.2111, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

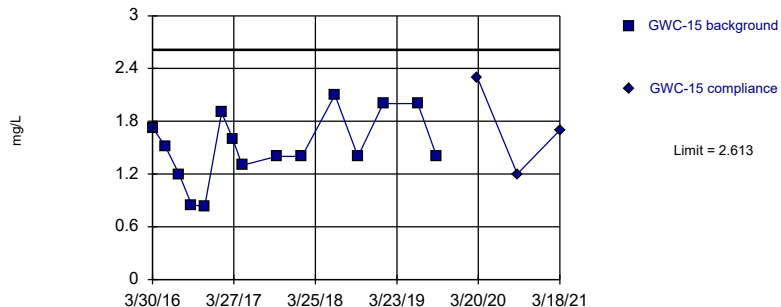


Background Data Summary (based on square root transformation): Mean=3.761, Std. Dev.=0.9091, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8716, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

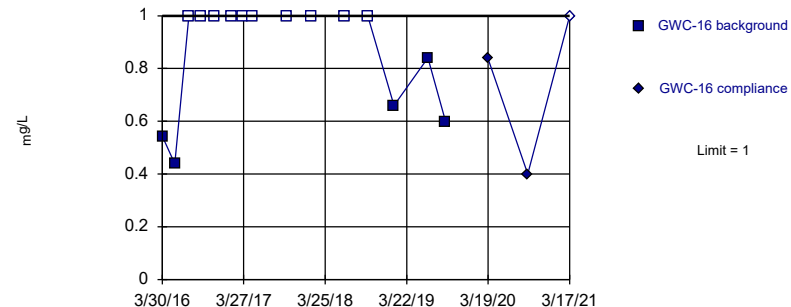


Background Data Summary: Mean=1.509, Std. Dev.=0.3894, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

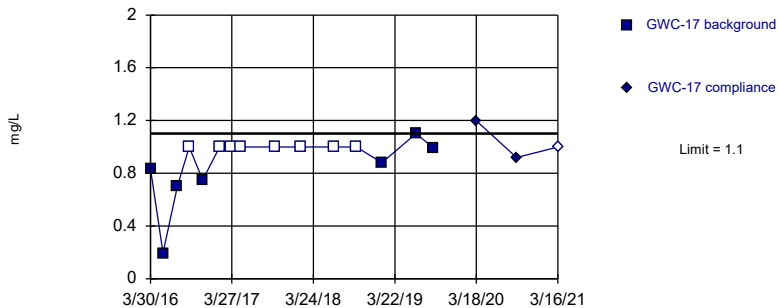


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

**Prediction Limit**  
 IntraWell Non-parametric

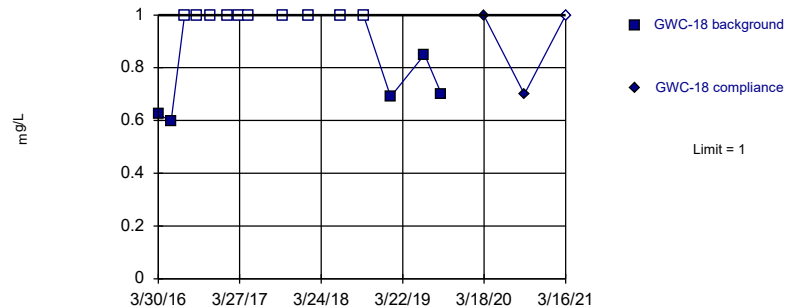


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

**Prediction Limit**  
 IntraWell Non-parametric

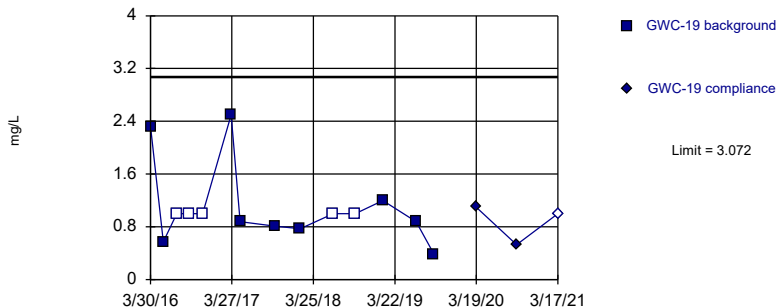


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

**Prediction Limit**  
 IntraWell Parametric

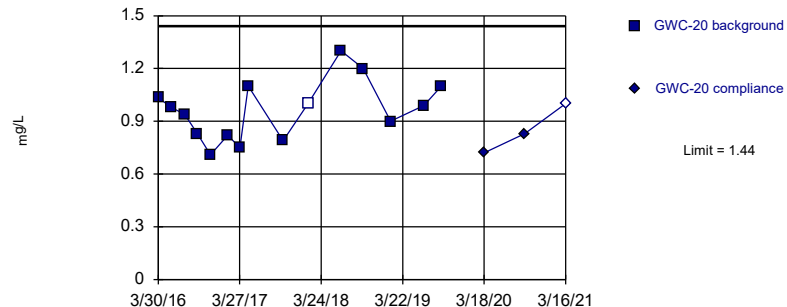


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.9401, Std. Dev.=0.2795, n=14, 35.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.831, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
 Plant Wansley Client: Southern Company Data: Wansley Landfill

Santas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit

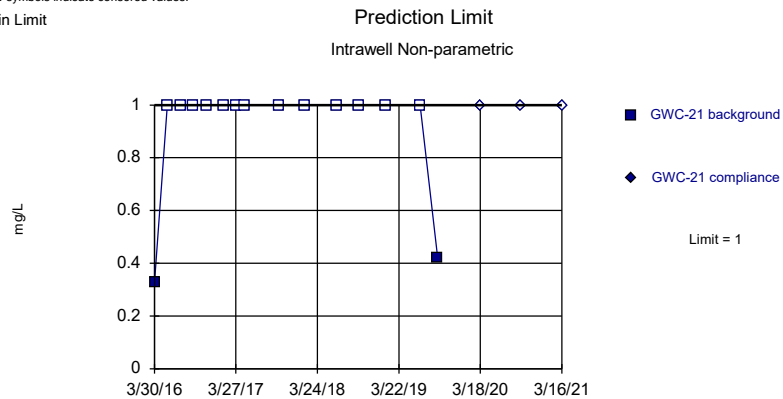
**Prediction Limit**  
 IntraWell Parametric



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

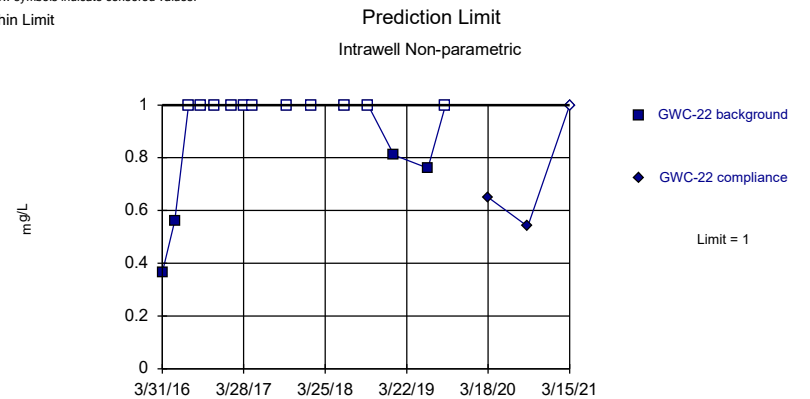
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

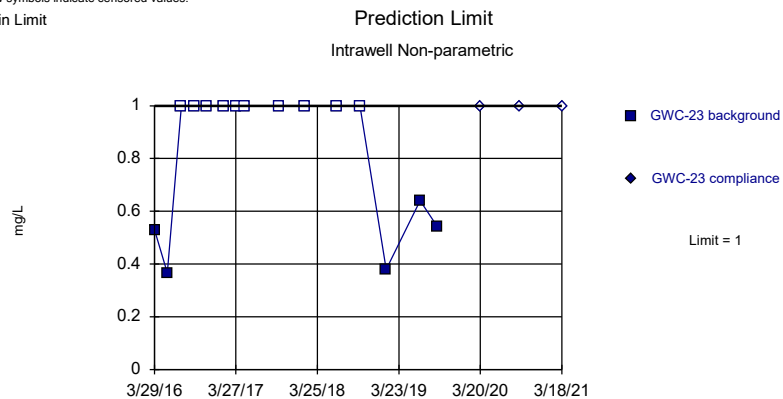
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

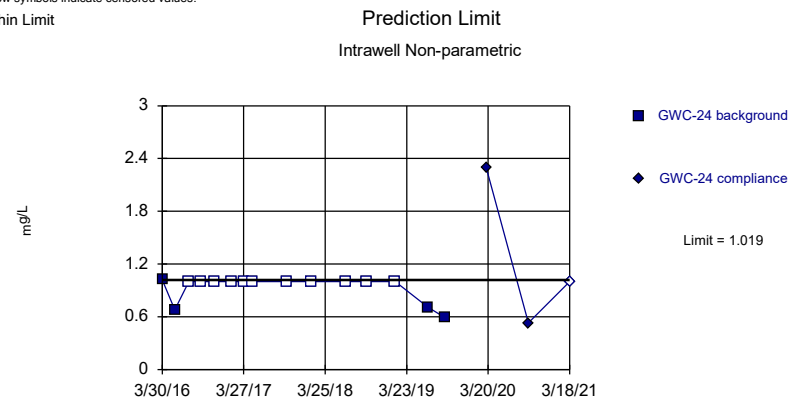
Sanitas™ v.9.6.28 . UG  
 Hollow symbols indicate censored values.  
 Within Limit



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

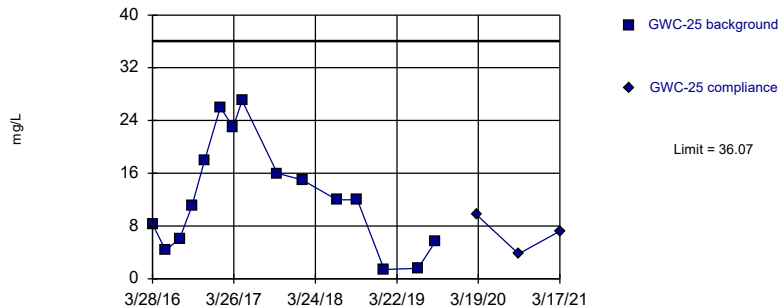


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

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

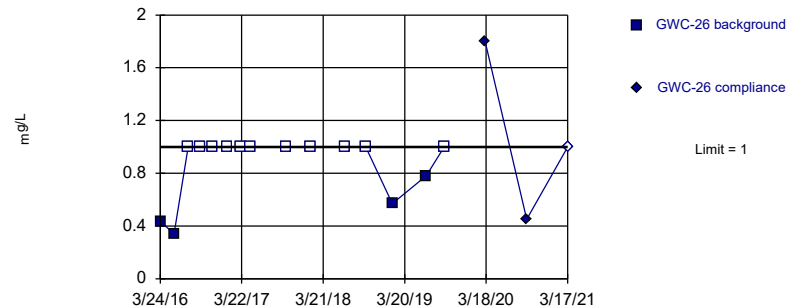


Background Data Summary: Mean=12.5, Std. Dev.=8.315, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9418, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Non-parametric

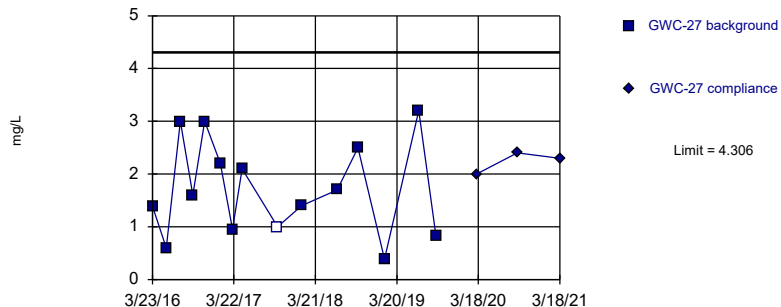


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

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

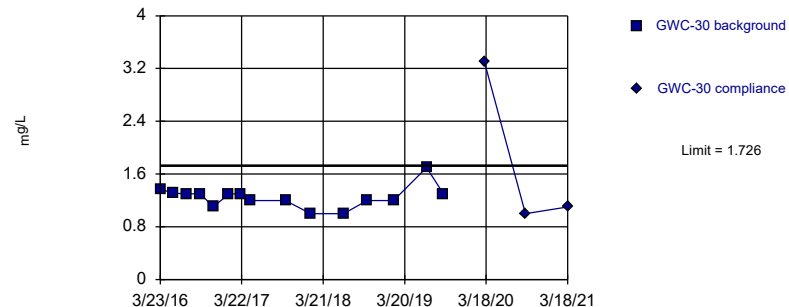


Background Data Summary: Mean=1.723, Std. Dev.=0.9113, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

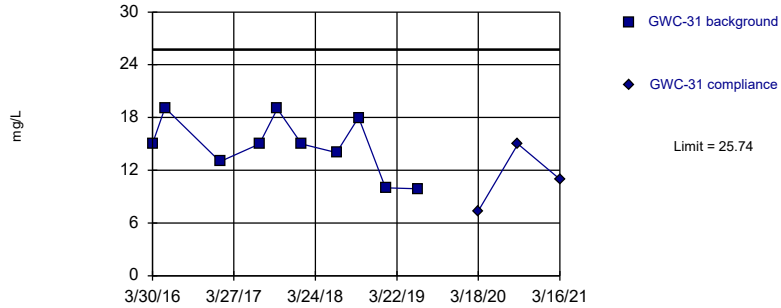


Background Data Summary: Mean=1.252, Std. Dev.=0.1671, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8649, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

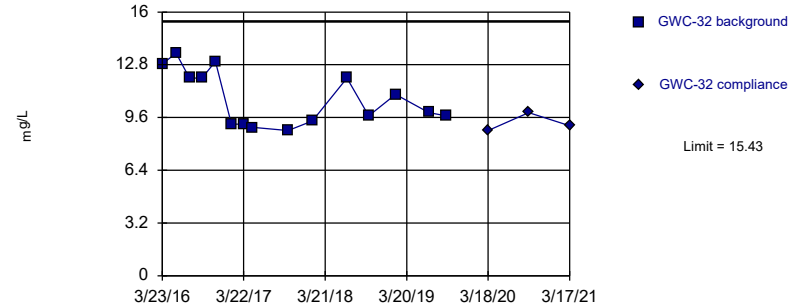


Background Data Summary: Mean=14.8, Std. Dev.=3.29, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9139, critical = 0.781. Kappa = 3.324 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

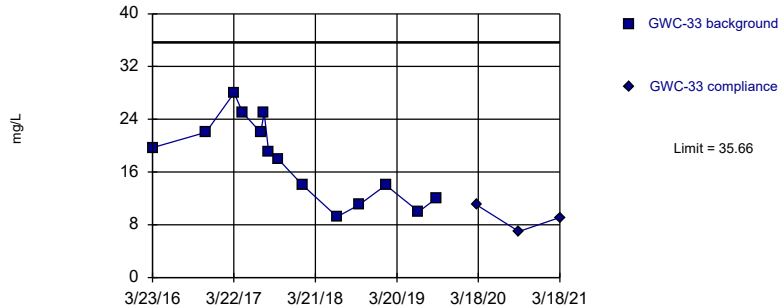


Background Data Summary: Mean=10.75, Std. Dev.=1.652, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8775, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

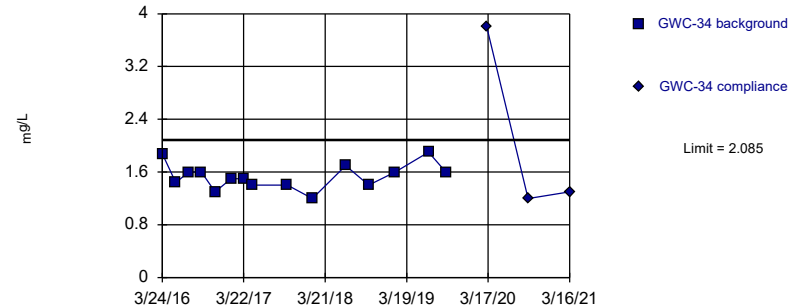


Background Data Summary: Mean=17.78, Std. Dev.=6.15, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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



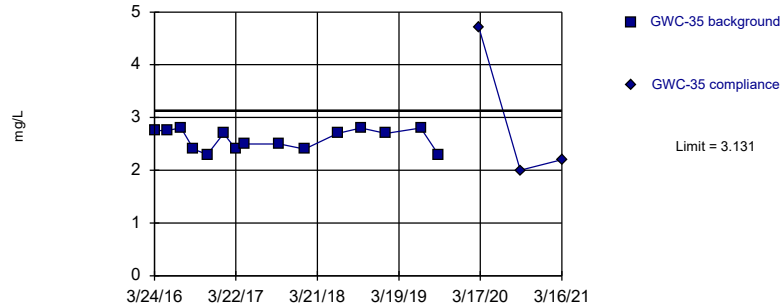
Background Data Summary: Mean=1.535, Std. Dev.=0.1943, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9522, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

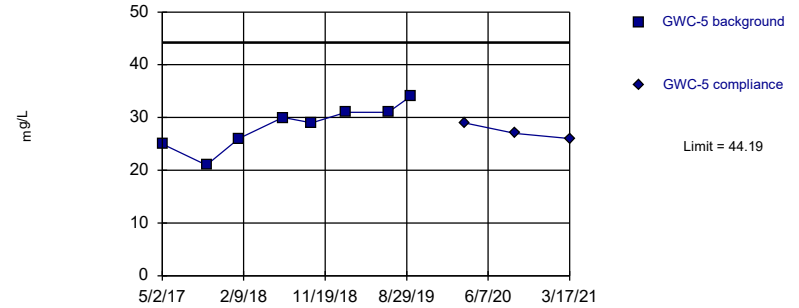


Background Data Summary: Mean=2.587, Std. Dev.=0.1918, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8548, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

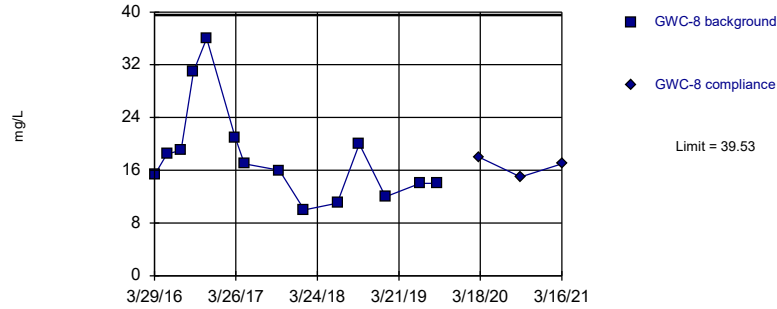
Within Limit

### Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit  
Intrawell Parametric

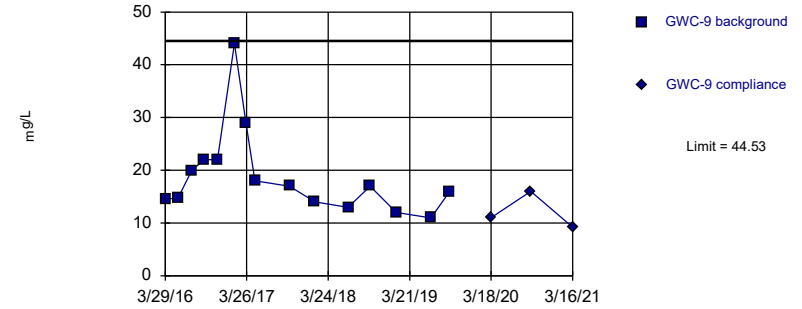


Background Data Summary: Mean=18.2, Std. Dev.=7.338, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8547, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

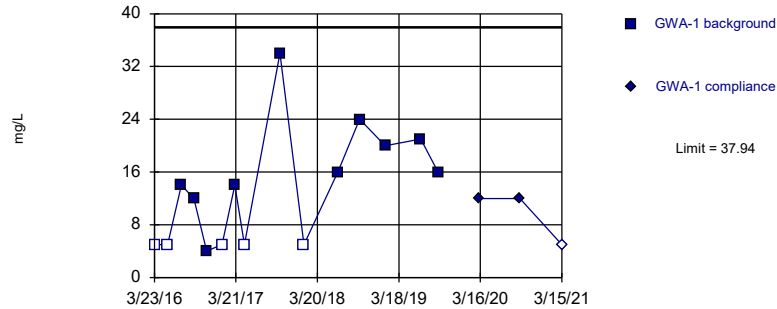


Background Data Summary (based on square root transformation): Mean=4.276, Std. Dev.=0.8455, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8526, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Sulfate as SO4 Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

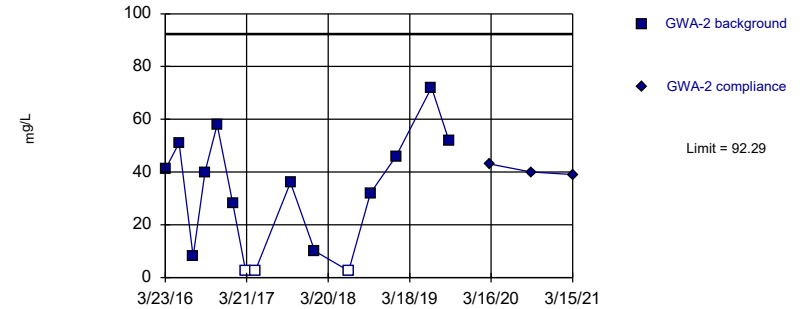


Background Data Summary (after Kaplan-Meier Adjustment): Mean=11.75, Std. Dev.=9.238, n=15, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8821, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric

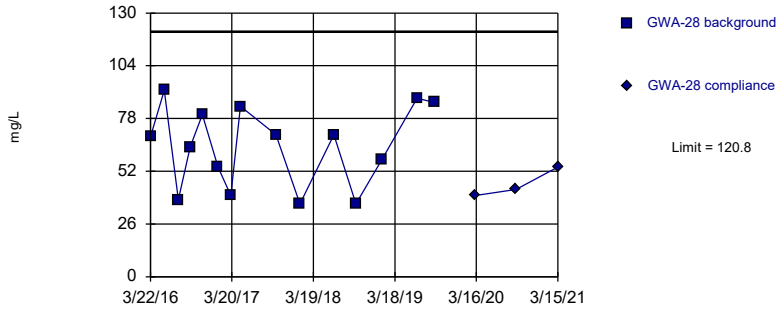


Background Data Summary (after Kaplan-Meier Adjustment): Mean=32.6, Std. Dev.=21.06, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.925, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

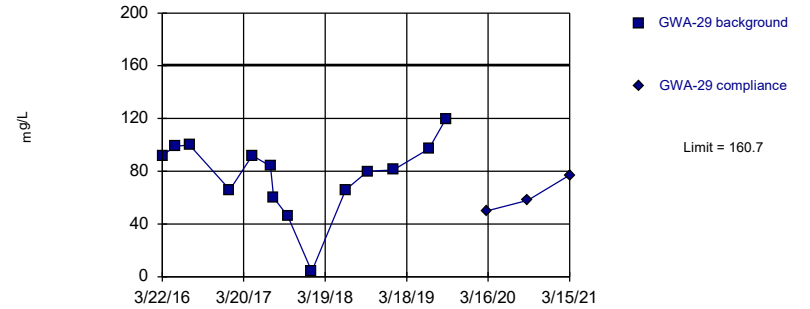
### Prediction Limit Intrawell Parametric



Background Data Summary: Mean=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.

Within Limit

### Prediction Limit Intrawell Parametric



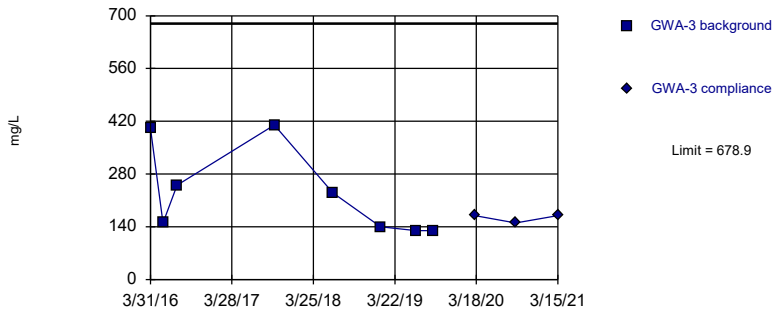
Background Data Summary: Mean=77.64, Std. Dev.=28.56, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9092, critical = 0.825. Kappa = 2.907 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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

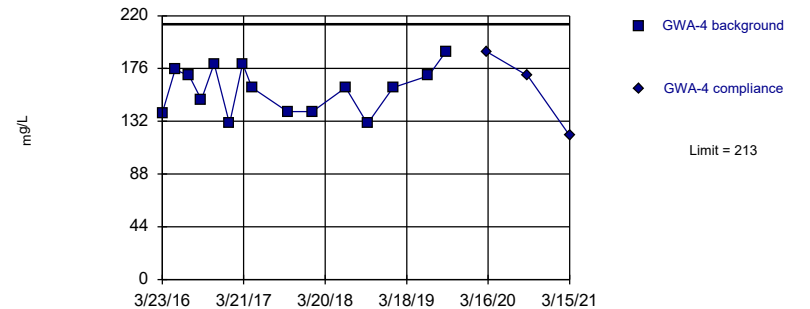


Background Data Summary: Mean=230.1, Std. Dev.=117.4, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8055, critical = 0.749. Kappa = 3.821 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

### Prediction Limit Intrawell Parametric

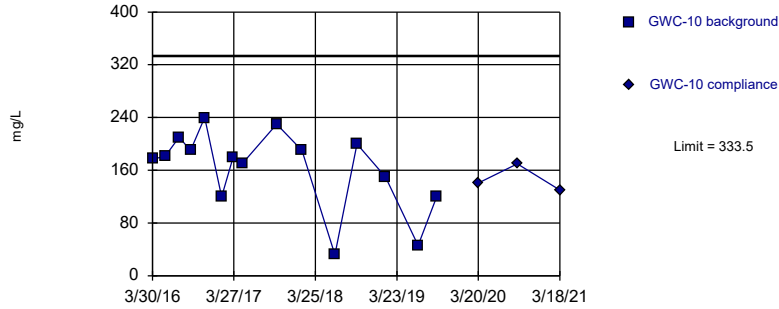


Background Data Summary: Mean=158.3, Std. Dev.=19.31, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

Prediction Limit  
Intrawell Parametric



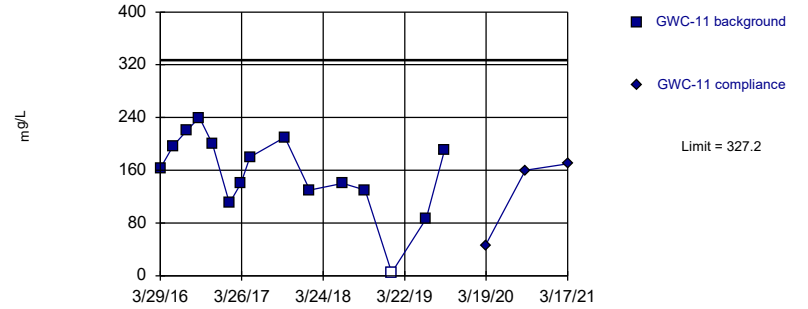
Background Data Summary: Mean=162.4, Std. Dev.=60.37, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit  
Intrawell Parametric

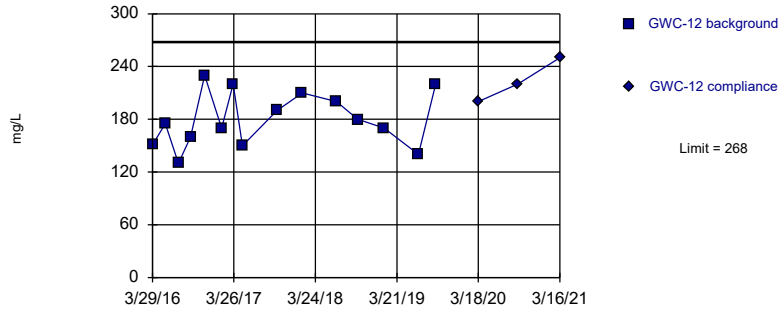


Background Data Summary: Mean=156.1, Std. Dev.=60.36, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

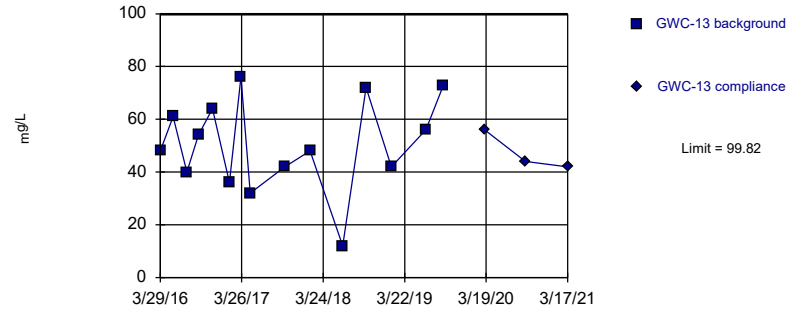


Background Data Summary: Mean=179.7, Std. Dev.=31.13, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9597, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

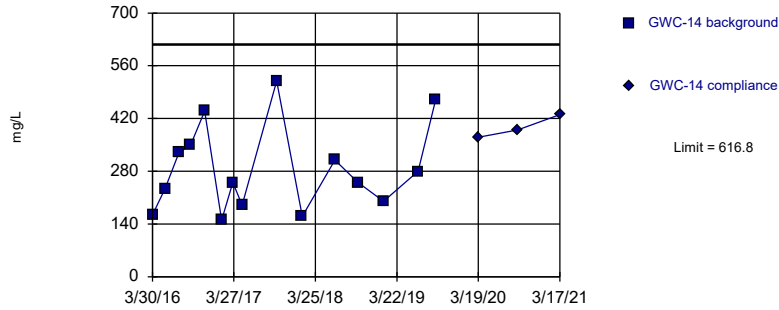


Background Data Summary: Mean=50.4, Std. Dev.=17.43, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

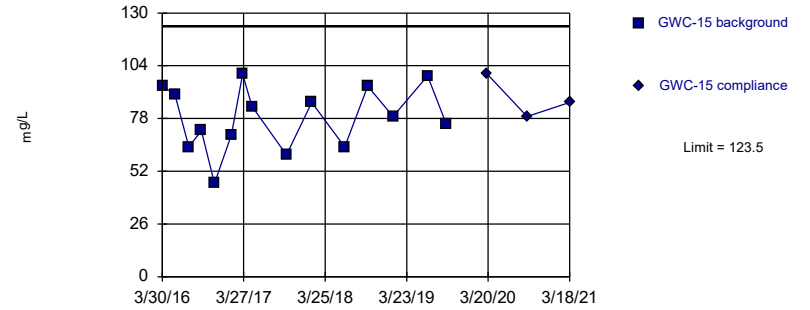


Background Data Summary: Mean=286.5, Std. Dev.=116.5, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9168, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

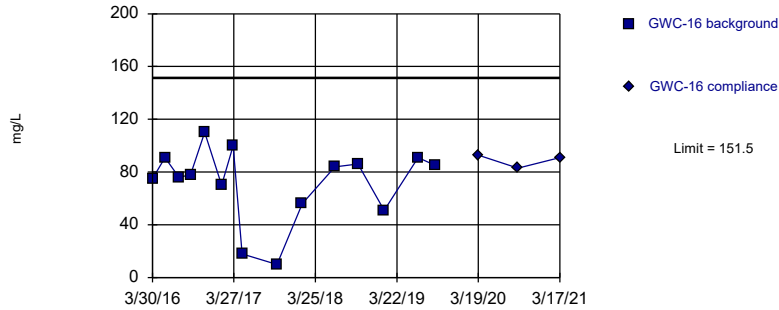


Background Data Summary: Mean=78.47, Std. Dev.=15.87, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

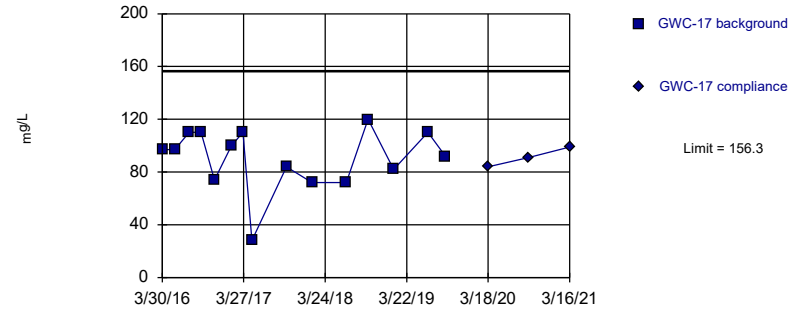


Background Data Summary: Mean=72.07, Std. Dev.=28.01, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8845, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

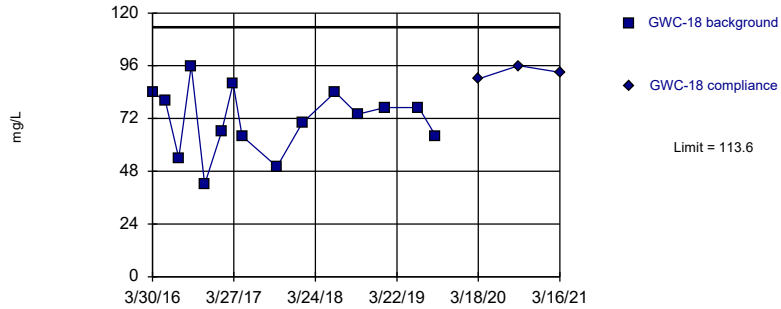


Background Data Summary: Mean=90.53, Std. Dev.=23.22, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8824, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

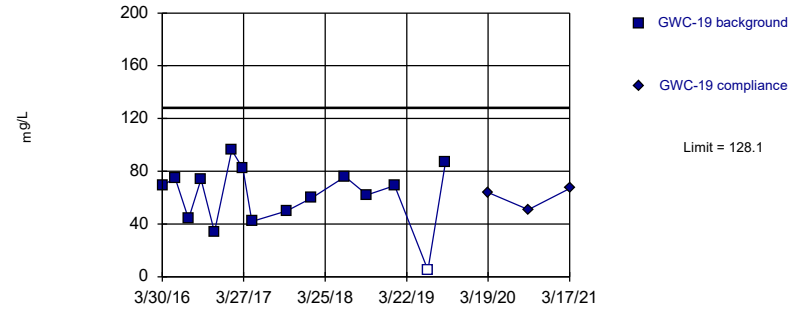


Background Data Summary: Mean=71.33, Std. Dev.=14.9, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9753, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

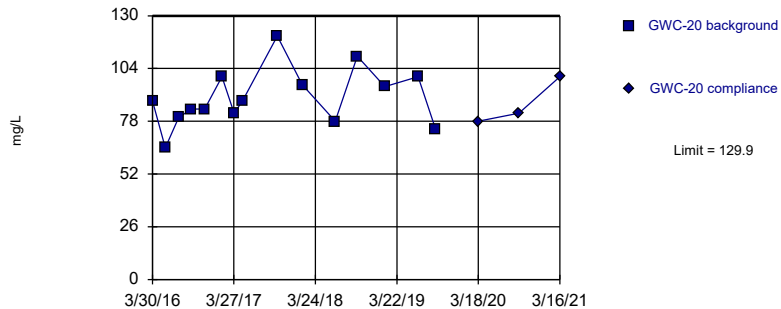


Background Data Summary: Mean=61.67, Std. Dev.=23.44, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

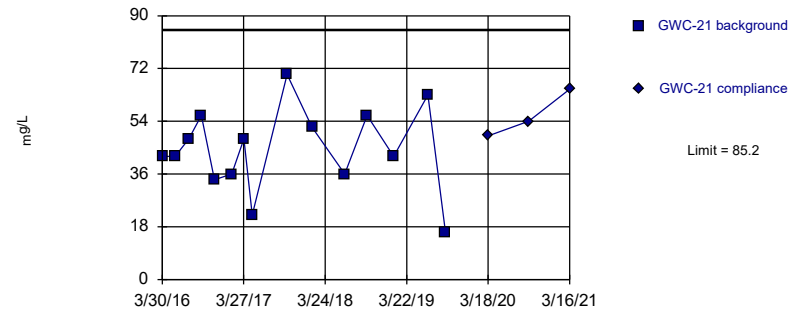


Background Data Summary: Mean=89.6, Std. Dev.=14.21, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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.

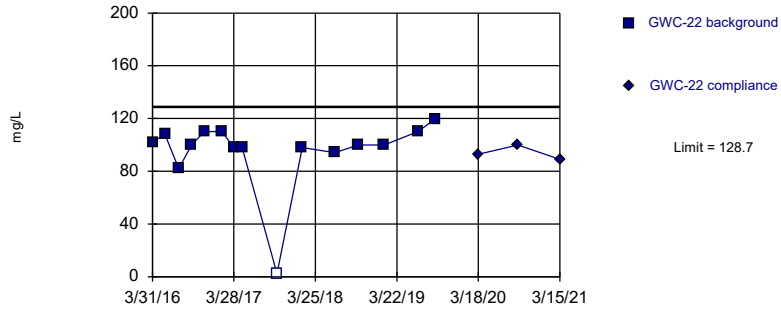
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

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.

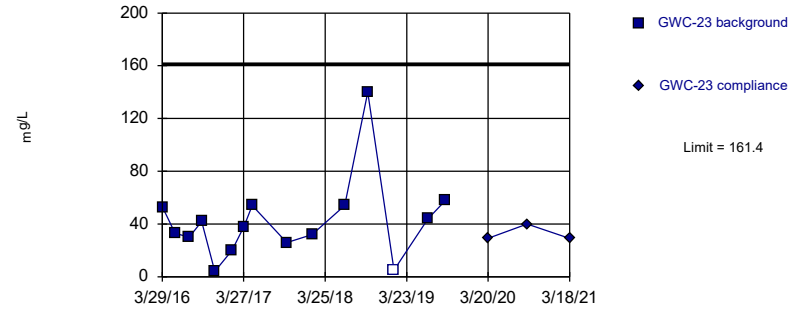
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:02 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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): 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.

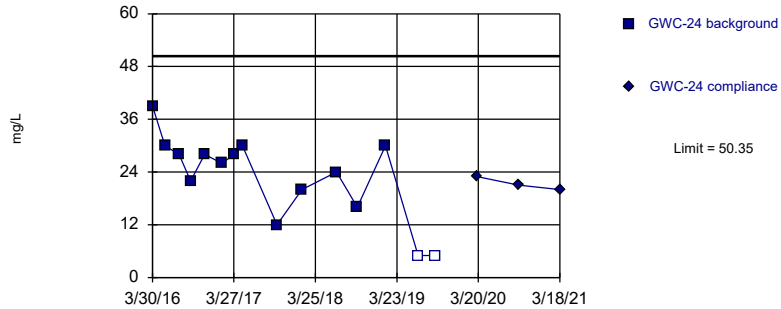
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=22.87, Std. Dev.=9.694, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.914, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

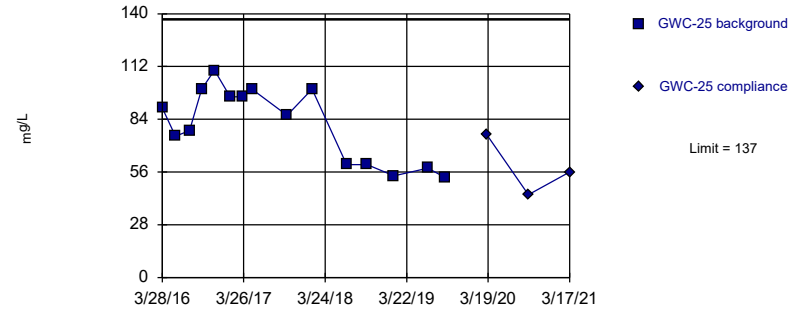
Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG

Within Limit

Prediction Limit

Intrawell Parametric

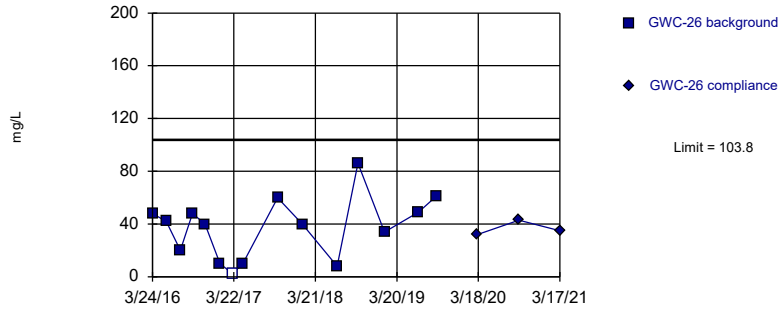


Background Data Summary: Mean=81.07, Std. Dev.=19.73, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8939, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

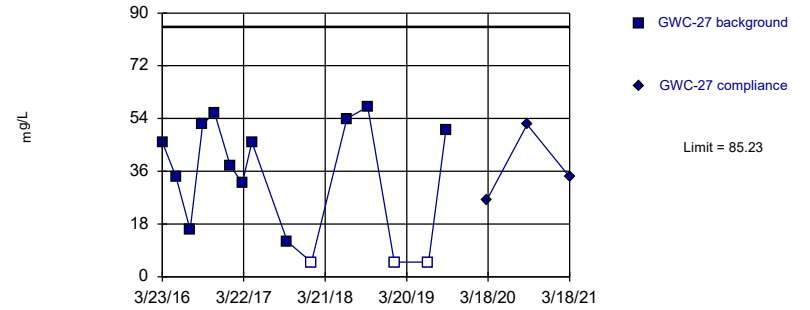
Prediction Limit  
Intrawell Parametric



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.

Sanitas™ v.9.6.28 . UG  
Hollow symbols indicate censored values.  
Within Limit

Prediction Limit  
Intrawell Parametric



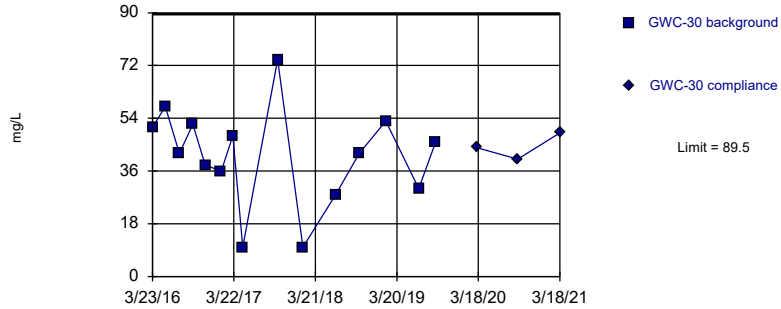
Background Data Summary (after Kaplan-Meier Adjustment): Mean=33.22, Std. Dev.=18.35, n=15, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8689, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Constituent: Total Dissolved Solids [TDS] Analysis Run 4/27/2021 11:03 AM View: All  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sanitas™ v.9.6.28 . UG  
Within Limit

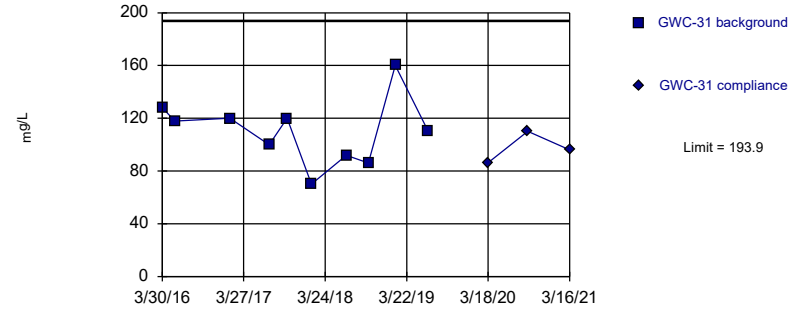
Prediction Limit  
Intrawell Parametric



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.

Sanitas™ v.9.6.28 . UG  
Within Limit

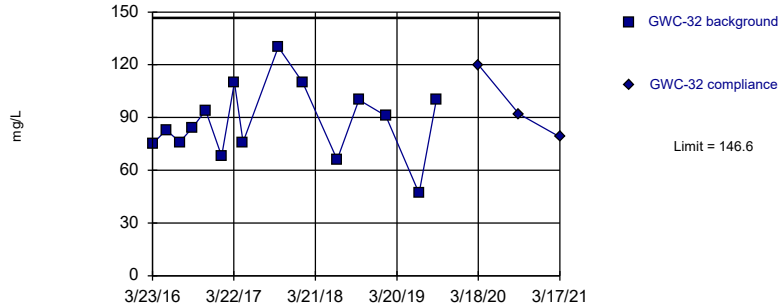
Prediction Limit  
Intrawell Parametric





Within Limit

Prediction Limit  
Intrawell Parametric

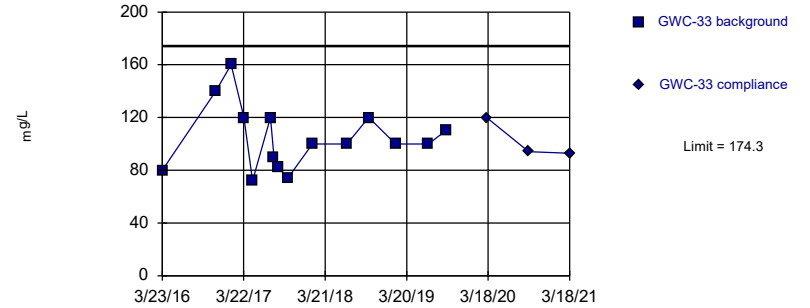


Background Data Summary: Mean=87.33, Std. Dev.=20.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9848, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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



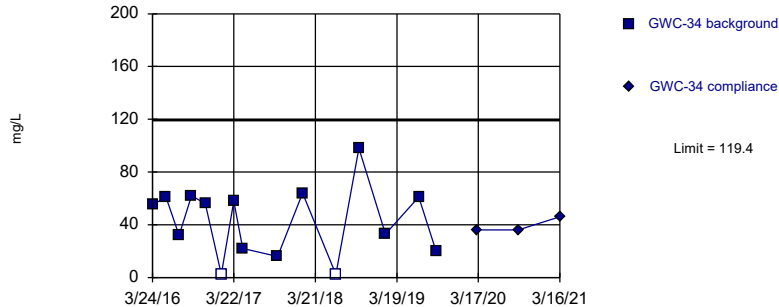
Background Data Summary: Mean=104.5, Std. Dev.=24.61, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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



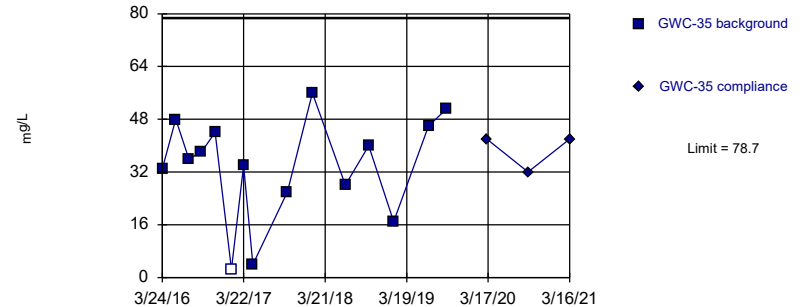
Background Data Summary: Mean=42.87, Std. Dev.=27.01, n=15, 13.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.926, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

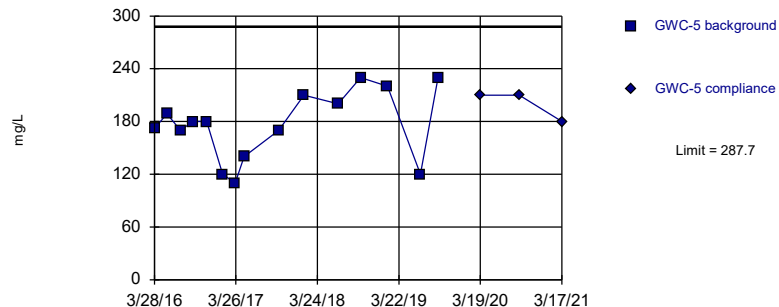


Background Data Summary: Mean=33.57, Std. Dev.=15.92, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

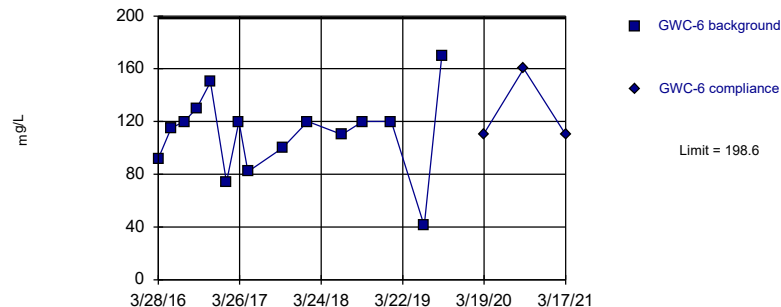


Background Data Summary: Mean=176.1, Std. Dev.=39.38, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9331, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

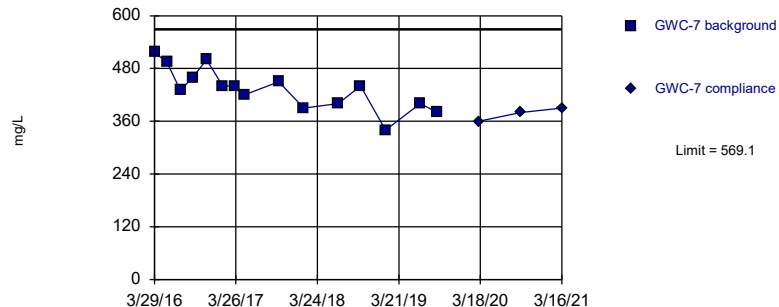


Background Data Summary: Mean=110.9, Std. Dev.=30.91, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9478, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

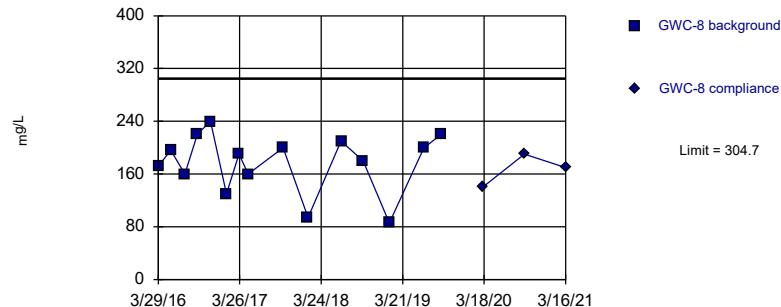


Background Data Summary: Mean=433.4, Std. Dev.=47.88, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9762, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

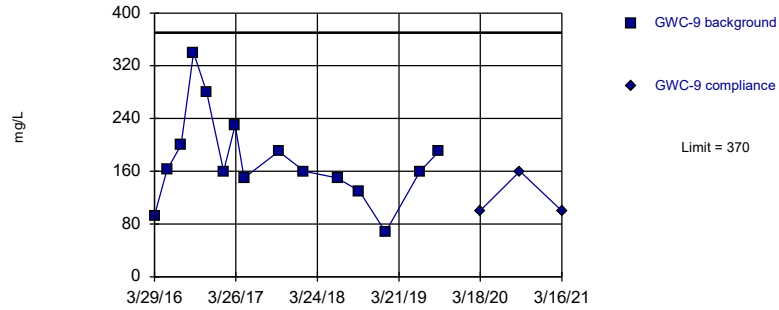


Background Data Summary: Mean=177.2, Std. Dev.=44.99, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.835. Kappa = 2.835 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002595.

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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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

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	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.

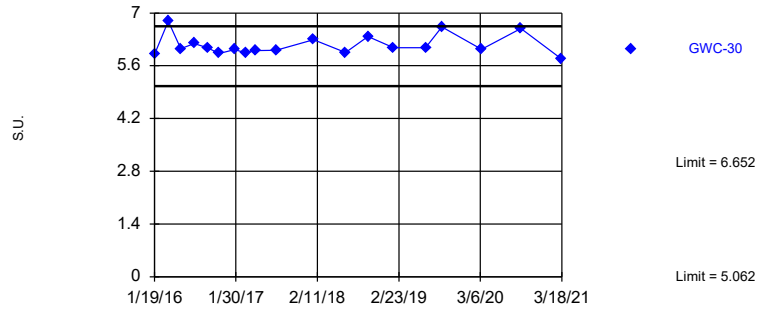
# Appendix III Interwell Prediction Limits - Intrawell Exceedances - All Results (No Significant)

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

Within Limits

### Prediction Limit Interwell Parametric

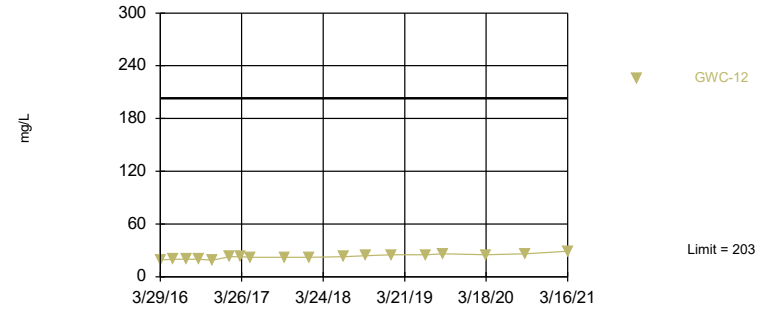


Background Data Summary: Mean=5.857, Std. Dev.=0.3598, n=101. Normality test: Chi Squared @alpha = 0.01, calculated = 3.851, critical = 14.07. Kappa = 2.21 (c=7, w=29, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0001297. Assumes 28 future values.

Constituent: pH, Field Analysis Run 5/3/2021 6:08 PM View: Appendix III - Exceedances  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Within Limit

### Prediction Limit Interwell Non-parametric



# 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

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	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

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	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



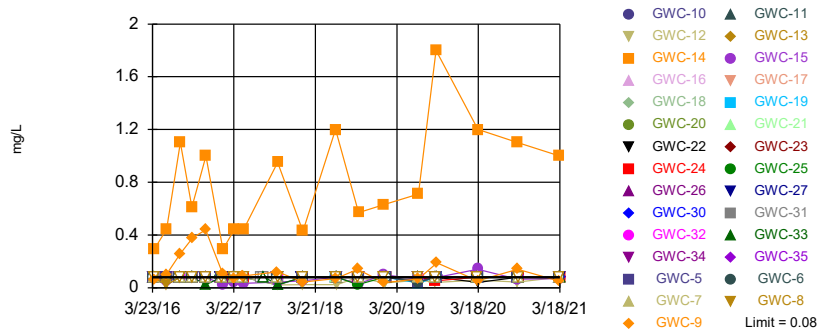
# Appendix III Interwell Prediction Limits - All Results

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
<b>Chloride, Total (mg/L)</b>	<b>GWC-14</b>	<b>49</b>	<b>n/a</b>	<b>3/17/2021</b>	<b>140</b>	<b>Yes</b>	<b>100</b>	<b>n/a</b>	<b>n/a</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>	<b>0.0001892</b>	<b>NP Inter (normality) 1 of 2</b>
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

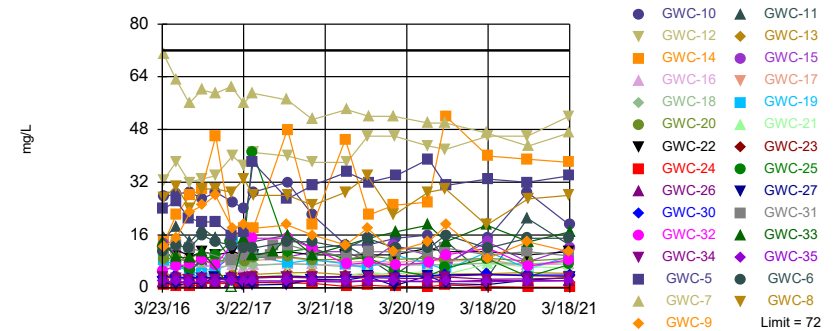


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 97.03% NDs. Annual per-constituent alpha = 0.01075. Individual comparison alpha = 0.0001864 (1 of 2). Comparing 29 points to limit.

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

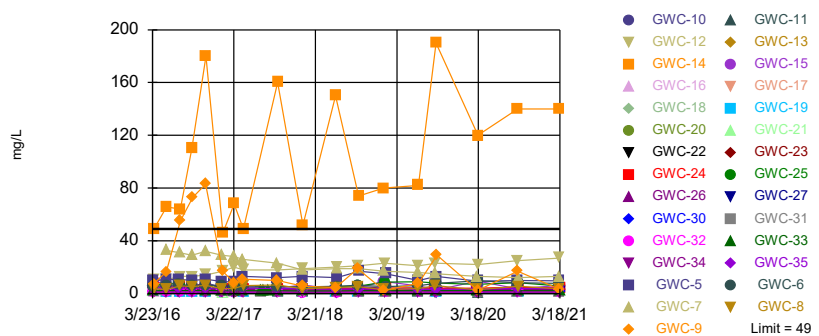


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. 1% NDs. Annual per-constituent alpha = 0.01091. Individual comparison alpha = 0.0001892 (1 of 2). 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

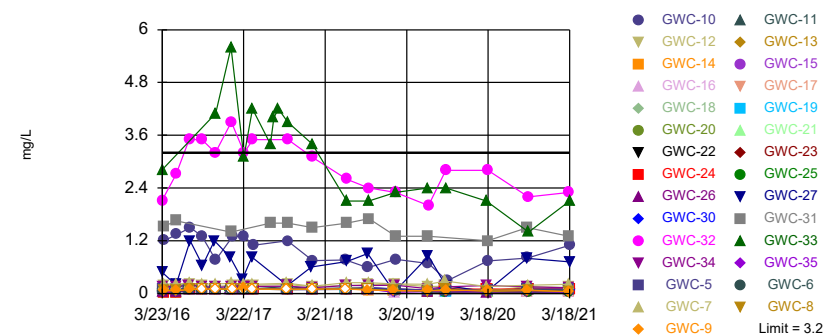


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. 1% NDs. Annual per-constituent alpha = 0.01091. Individual comparison alpha = 0.0001892 (1 of 2). 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

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	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

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	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

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	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

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	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

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	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

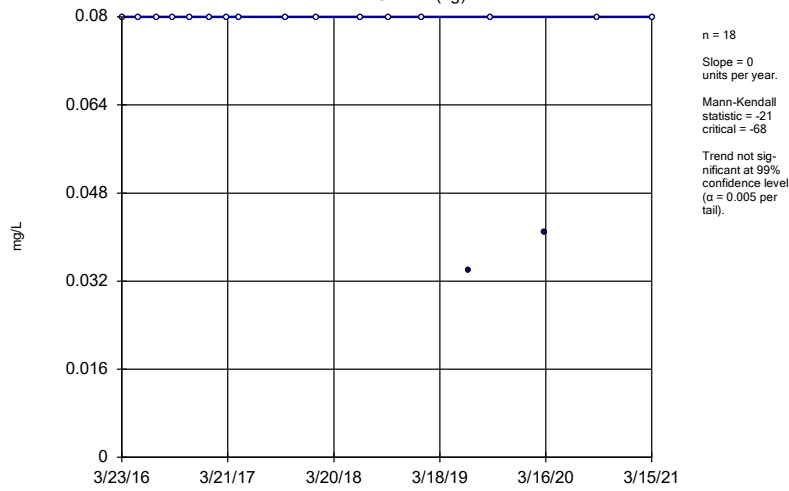
# Appendix III Trend Tests - Prediction Limit Exceedances - All Results

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
<b>Chloride, Total (mg/L)</b>	<b>GWA-3 (bg)</b>	<b>6.444</b>	<b>35</b>	<b>34</b>	<b>Yes</b>	<b>11</b>	<b>9.091</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>pH, Field (S.U.)</b>	<b>GWA-28 (bg)</b>	<b>-0.07982</b>	<b>-85</b>	<b>-74</b>	<b>Yes</b>	<b>19</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
pH, Field (S.U.)	GWA-29 (bg)	-0.06162	-56	-63	No	17	0	n/a	n/a	0.01	NP
<b>pH, Field (S.U.)</b>	<b>GWA-3 (bg)</b>	<b>-0.277</b>	<b>-53</b>	<b>-34</b>	<b>Yes</b>	<b>11</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>
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
<b>Sulfate as SO4 (mg/L)</b>	<b>GWC-12</b>	<b>1.707</b>	<b>120</b>	<b>68</b>	<b>Yes</b>	<b>18</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>	<b>0.01</b>	<b>NP</b>

### Sen's Slope Estimator

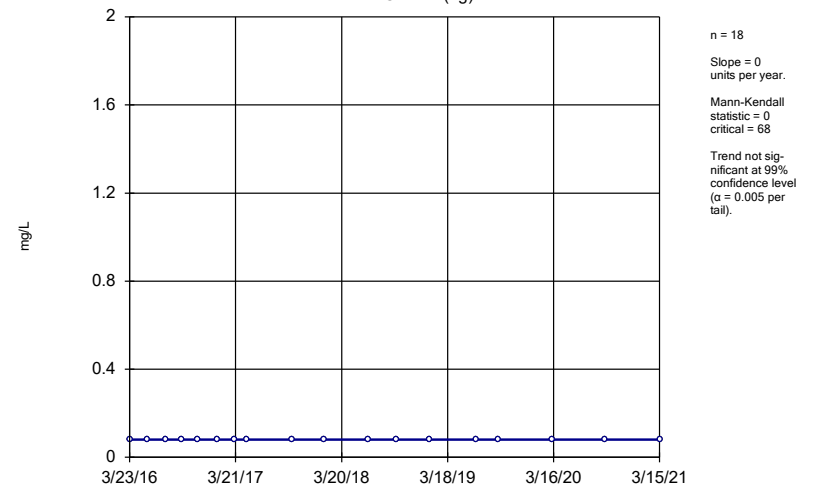
GWA-1 (bg)



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

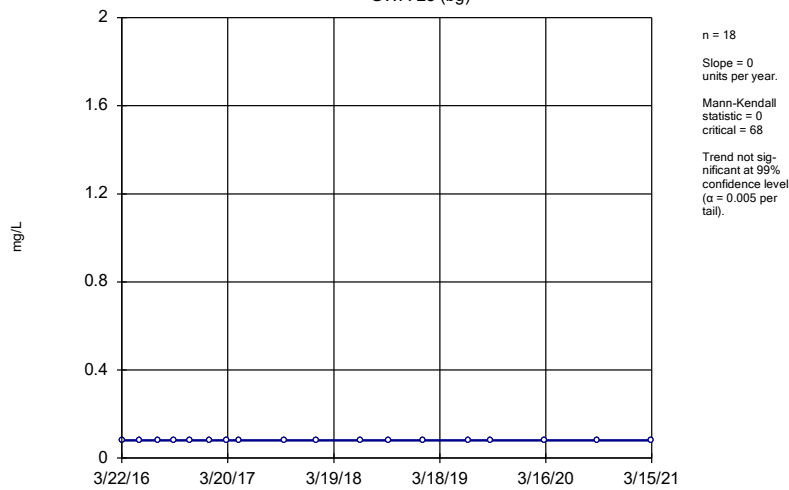
GWA-2 (bg)



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

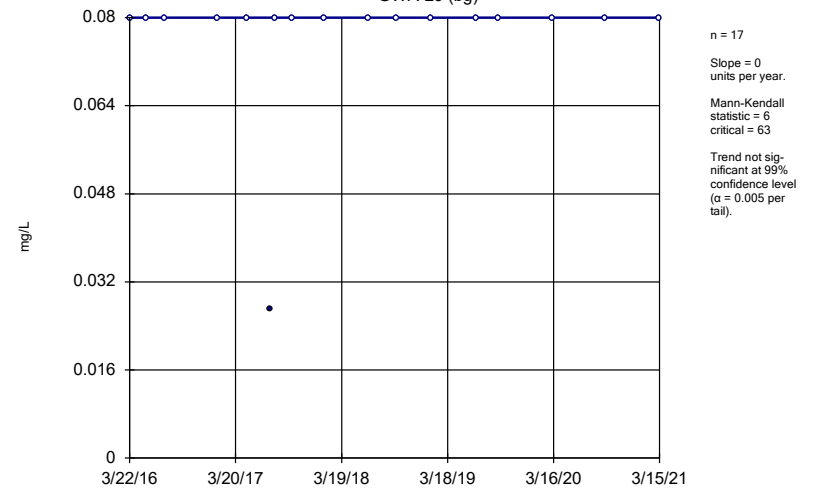
GWA-28 (bg)



Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

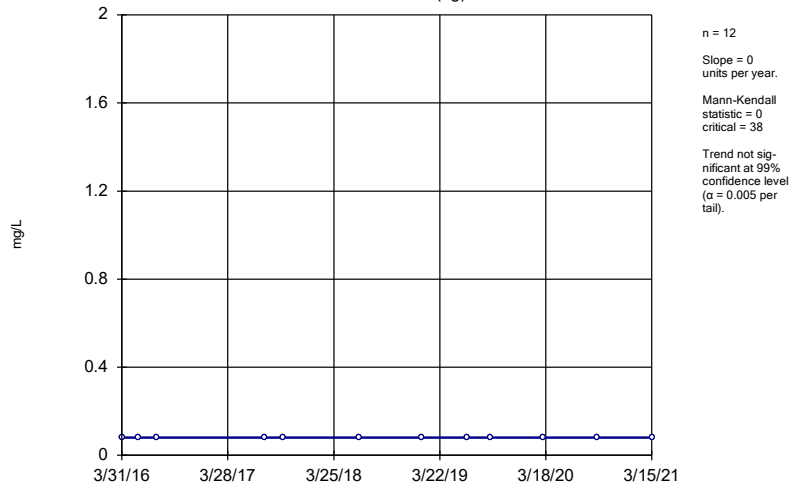
### Sen's Slope Estimator

GWA-29 (bg)



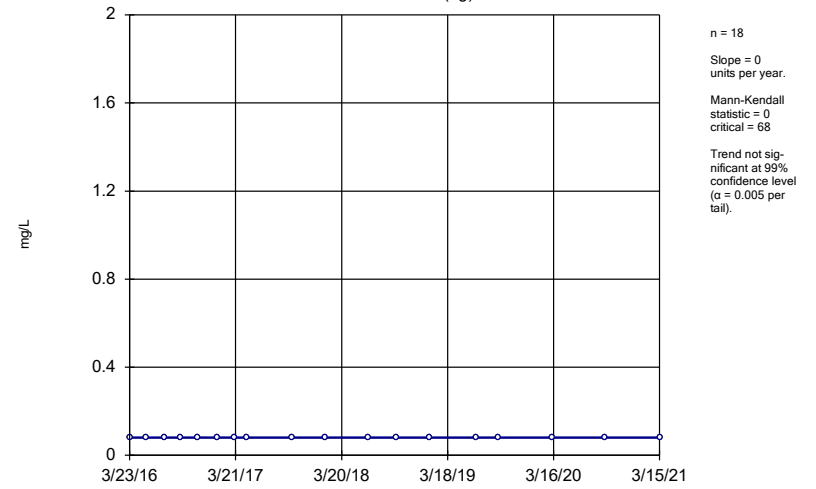
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-3 (bg)



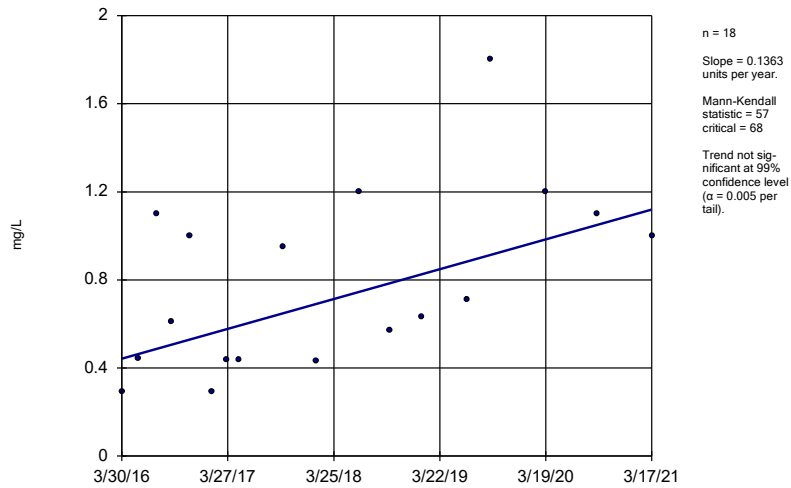
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-4 (bg)



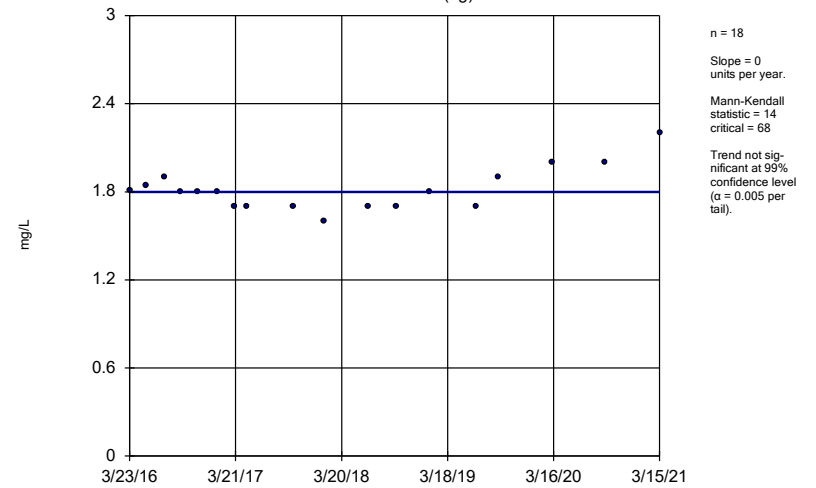
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Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWC-14



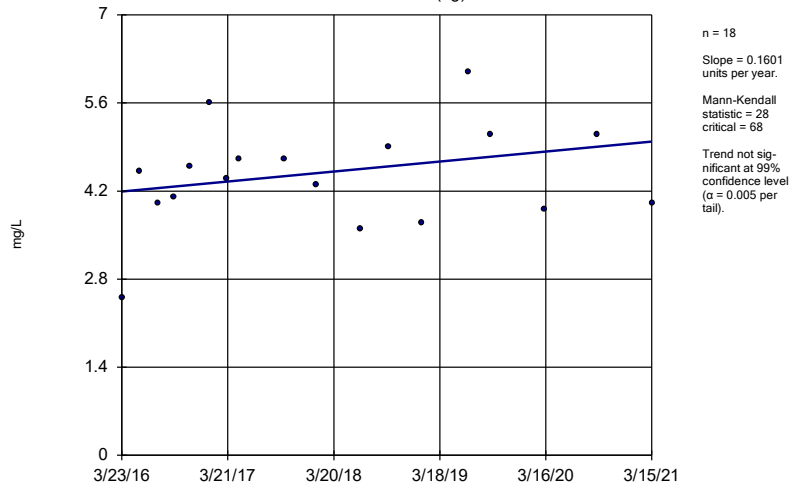
Constituent: Boron, total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-1 (bg)



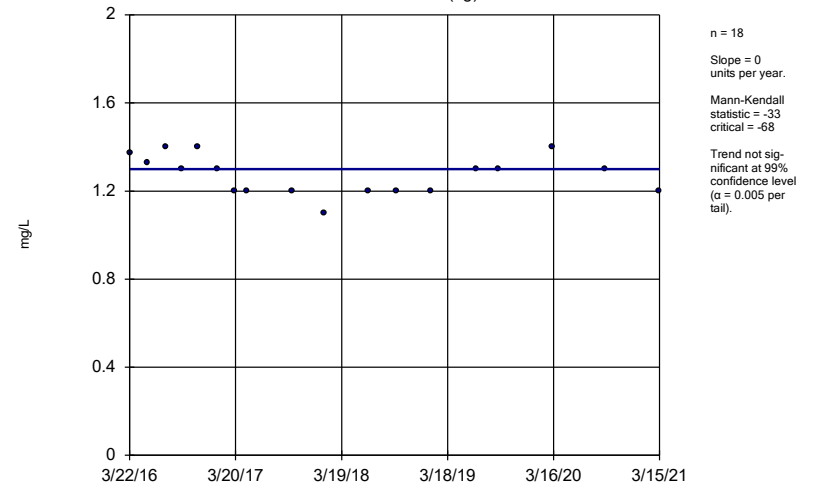
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-2 (bg)



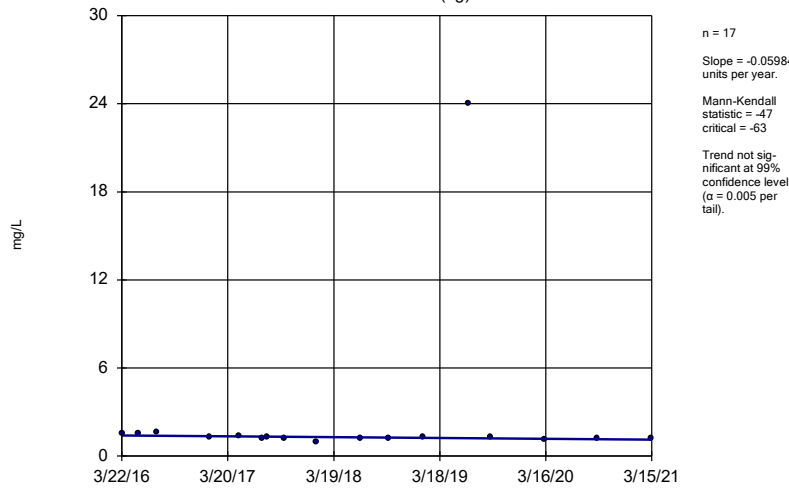
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-28 (bg)



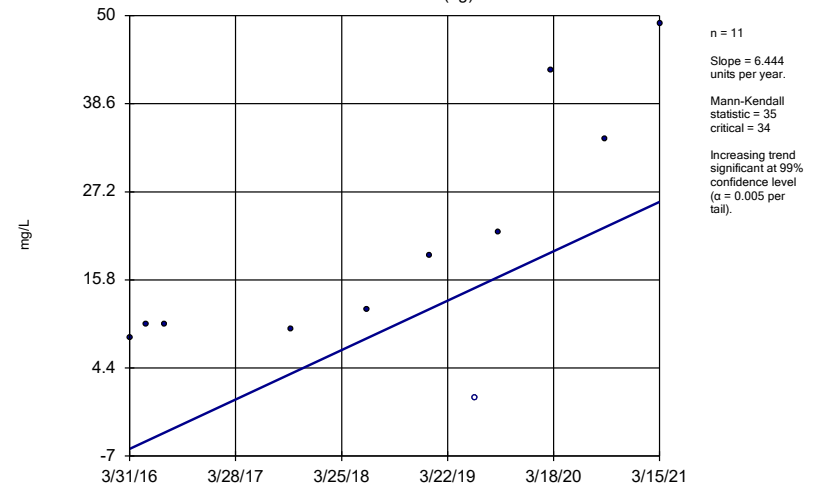
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-29 (bg)



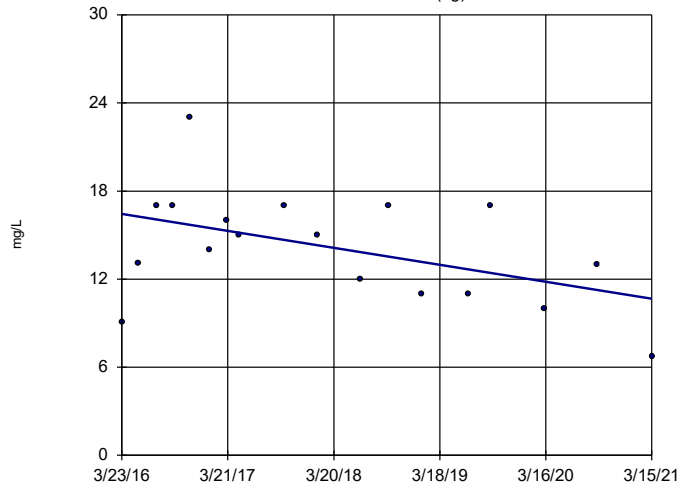
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-3 (bg)



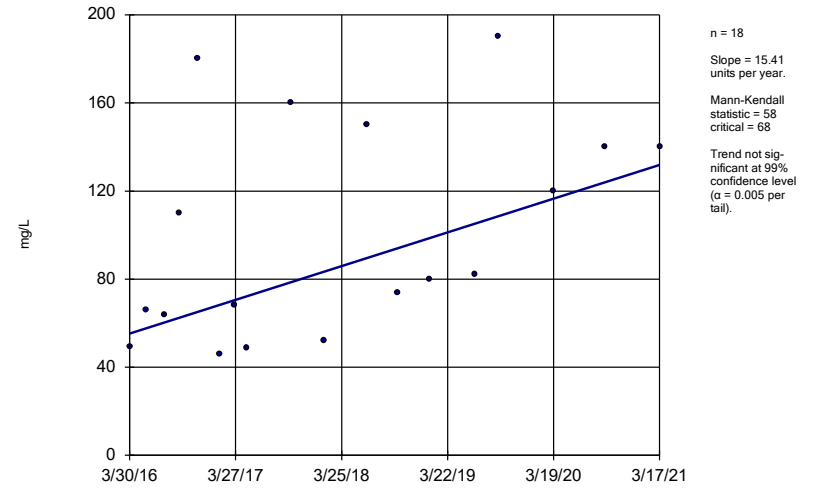
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-4 (bg)



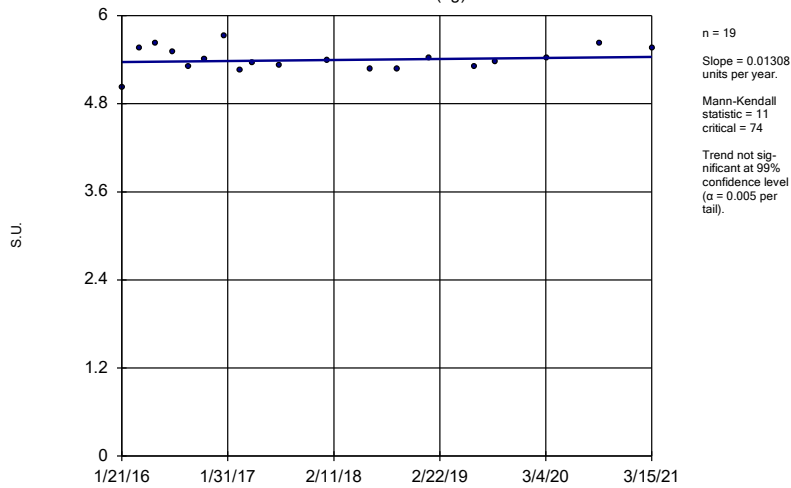
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Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWC-14



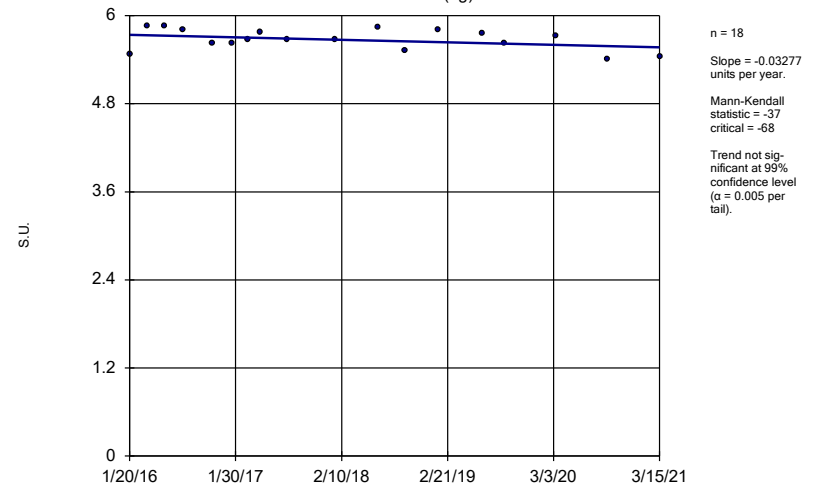
Constituent: Chloride, Total Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-1 (bg)



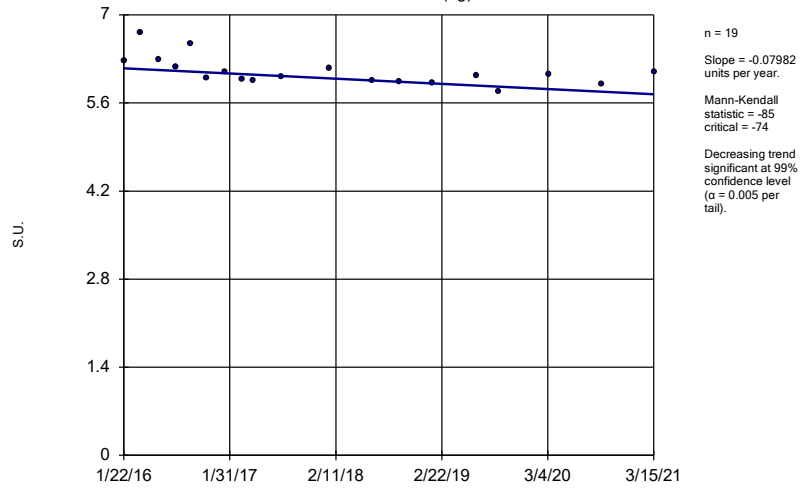
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-2 (bg)



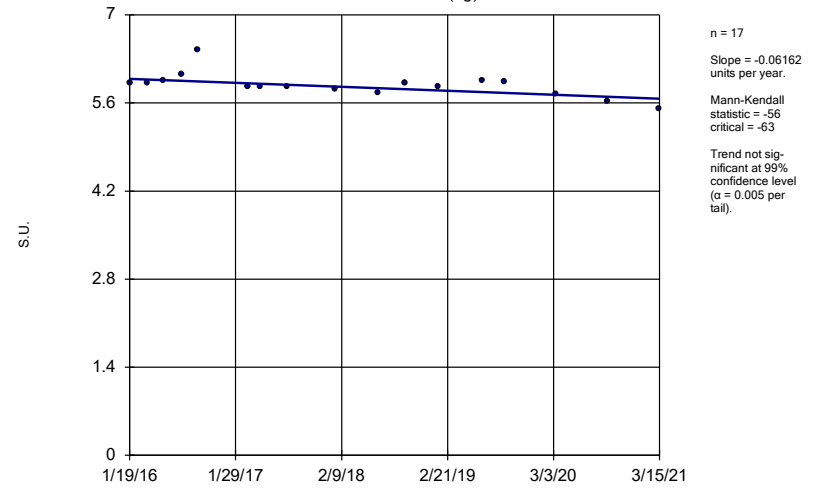
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-28 (bg)



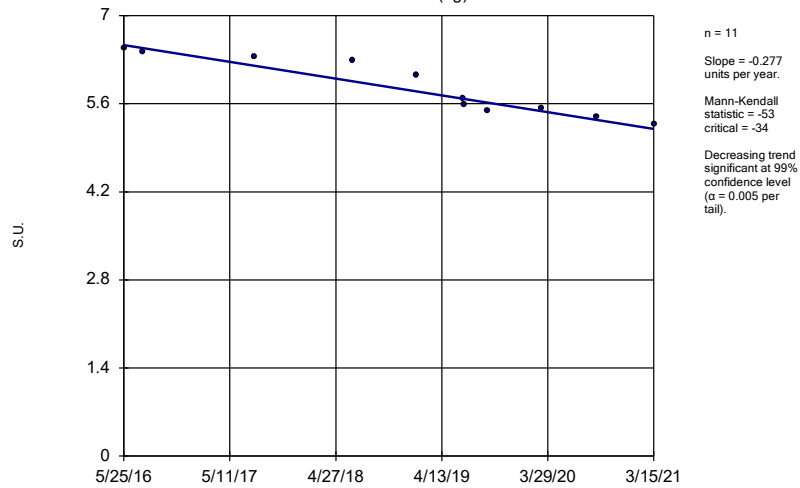
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

Sen's Slope Estimator  
GWA-29 (bg)



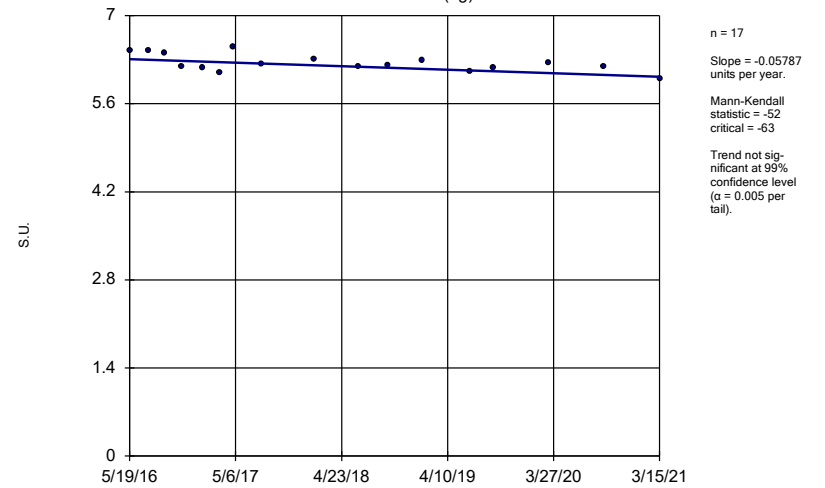
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

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

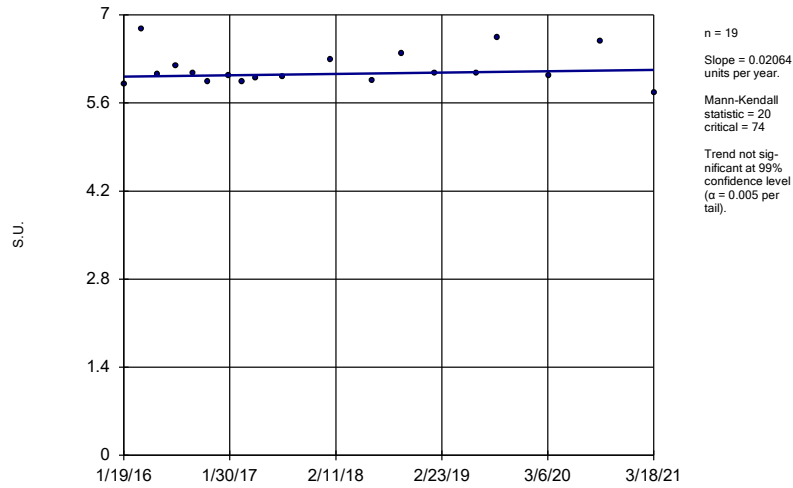
Sen's Slope Estimator  
GWA-4 (bg)



Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

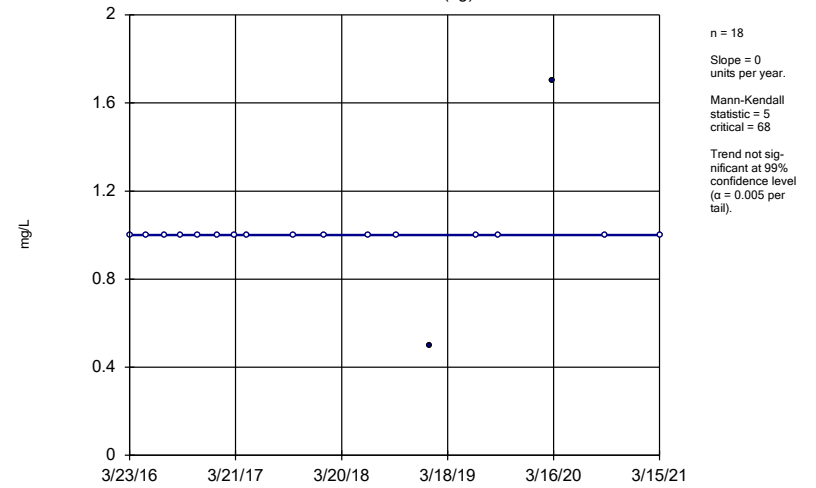


### Sen's Slope Estimator GWC-30



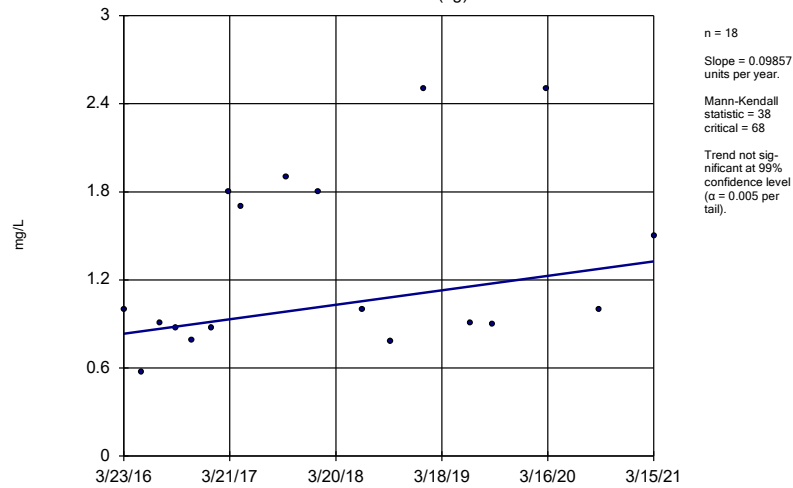
Constituent: pH, Field Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### Sen's Slope Estimator GWA-1 (bg)



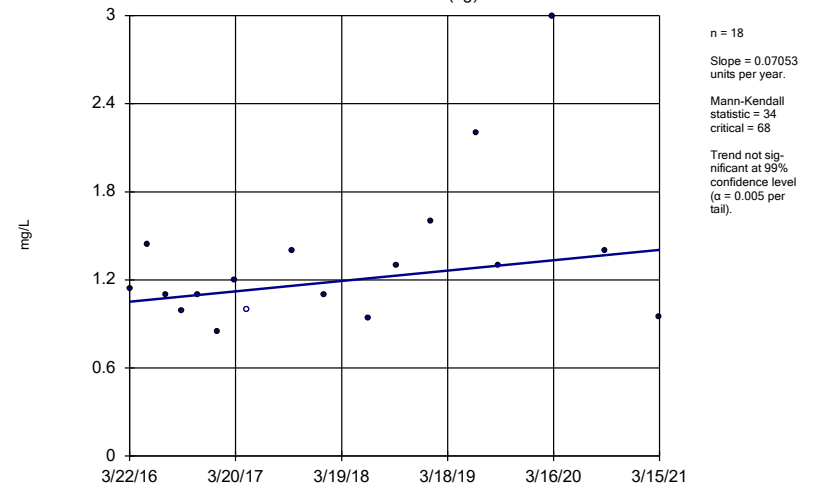
Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
Plant Wansley Client: Southern Company Data: Wansley Landfill

### 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

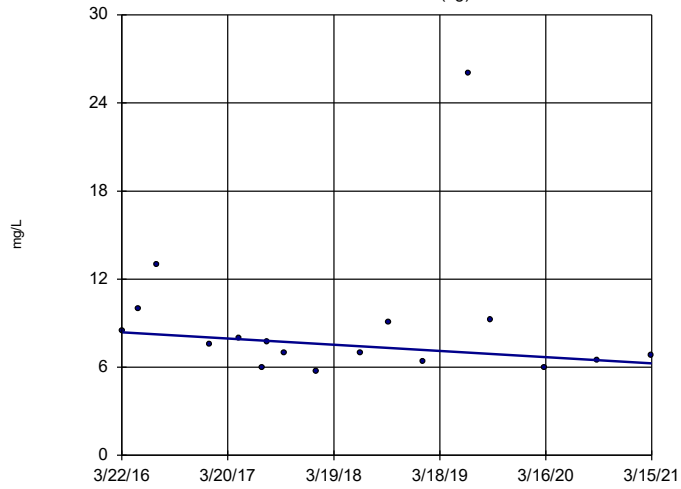
### Sen's Slope Estimator GWA-28 (bg)



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)

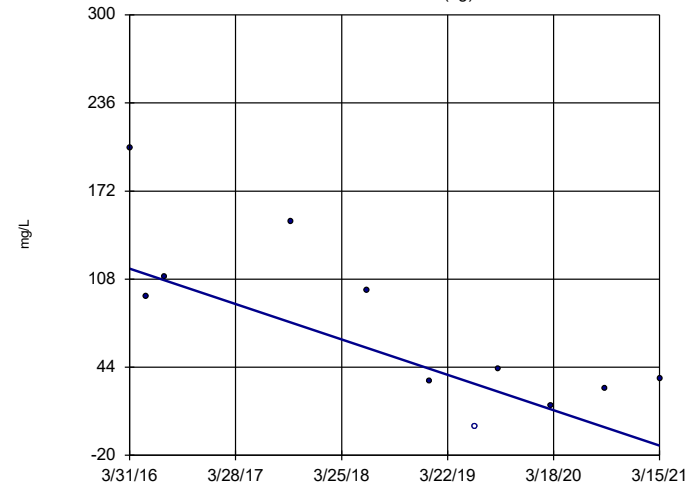


n = 17  
 Slope = -0.4236 units per year.  
 Mann-Kendall statistic = -32  
 critical = -63  
 Trend not significant at 99% confidence level (α = 0.005 per tail).

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)

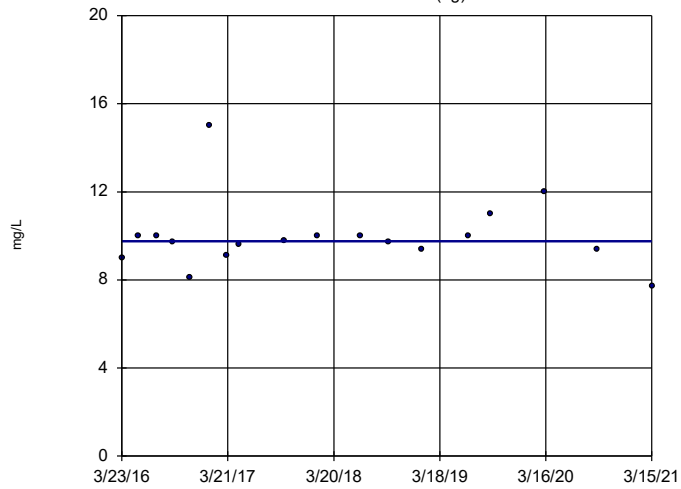


n = 11  
 Slope = -25.95 units per year.  
 Mann-Kendall statistic = -29  
 critical = -34  
 Trend not significant at 99% confidence level (α = 0.005 per tail).

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)

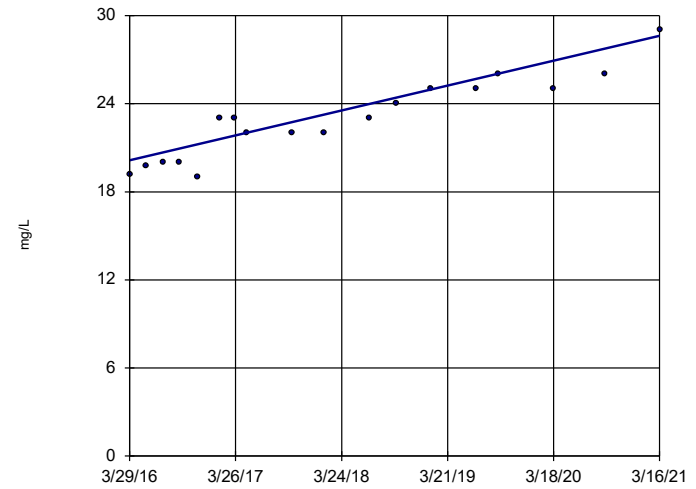


n = 18  
 Slope = 0 units per year.  
 Mann-Kendall statistic = 9  
 critical = 68  
 Trend not significant at 99% confidence level (α = 0.005 per tail).

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



n = 18  
 Slope = 1.707 units per year.  
 Mann-Kendall statistic = 120  
 critical = 68  
 Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate as SO4 Analysis Run 5/3/2021 6:20 PM View: Trend Tests  
 Plant Wansley Client: Southern Company Data: Wansley Landfill



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