



Prepared for

Georgia Power Company
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2023 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND HUFFAKER ROAD LANDFILL

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CERTIFICATION STATEMENT

This 2023 *Semiannual Groundwater Monitoring and Corrective Action Report, Plant Hammond Huffaker Road Landfill* has been prepared in accordance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management, Rule 391-3-4-.10 Coal Combustion Residuals and Rule 391-3-4-.14 Groundwater Monitoring and Corrective Action by a qualified groundwater scientist or engineer with Geosyntec Consultants, Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.



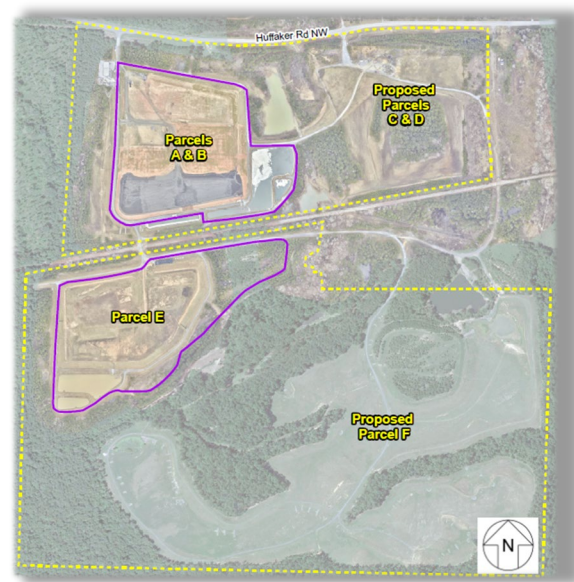
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SUMMARY

This summary of the 2023 *Semiannual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through July 2023 (referred to herein as the “semiannual reporting period”) at Georgia Power Company’s (Georgia Power’s) Plant Hammond Huffaker Road Landfill (the landfill or the site). This summary was prepared by Geosyntec Consultants, Inc. (Geosyntec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6¹ of the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D).

Plant Hammond Huffaker Road Landfill is located at 2181 Huffaker Road, approximately five miles northeast of Plant Hammond in Floyd County, Georgia. The landfill is comprised of constructed Parcels A, B, and E, with Parcels C, D, and F proposed for future expansion. CCR material resulting from power generation have historically been transferred and stored at the site. Currently, Parcels A and B are active, and Parcel E is temporarily inactive and covered with an intermediate closure system. The landfill is located on the western portion of Georgia Power’s property.



Plant Hammond Huffaker Road Landfill

The groundwater monitoring program for the landfill is managed in accordance with the landfill’s solid waste permit number 057-022D (LI), as issued by the Georgia Environmental Protection Division (GA EPD), and in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4.14. The landfill is also subject to the federal CCR Rule and the GA EPD Rules for Solid Waste Management 391-3-4-.10. Groundwater at the site is monitored using a comprehensive monitoring system of wells installed to meet federal and state monitoring requirements. Groundwater monitoring in accordance with the permit-issued Design and Operations (D&O) Plan began in 2007,

¹ 80 FR 21468, Apr. 17, 2015, as amended at 81 FR 51807, Aug. 5, 2016; 83 FR 36452, July 30, 2018; 85 FR 53561, Aug. 28, 2020

prior to disposal activities, and continues to date. Routine sampling and reporting in accordance with the federal CCR Rule began after the background groundwater conditions were established between March 2016 to March 2017. Based on groundwater conditions at the landfill, a detection monitoring program has been established since October 2017. During the semiannual reporting period, the site remained in detection monitoring.

During the semiannual reporting period, Geosyntec conducted one groundwater sampling event in January 2023. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater results for the January 2023 data set were evaluated in accordance with the certified statistical methods. That evaluation showed no statistically significant values of Appendix III² constituents.

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program for the semiannual reporting period, the site will continue in detection monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the landfill. Reports will be posted to the website and provided to GA EPD semiannually.

² Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)

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LIST OF ACRONYMS

CCR	coal combustion residuals
CFR	Code of Federal Regulations
cm/sec	centimeters per second
D&O	Design and Operations
DO	dissolved oxygen
ft	feet
ft/ft	feet per foot
ft/day	feet per day
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GSC	Groundwater Stats Consulting
i	horizontal hydraulic gradient
K_h	horizontal hydraulic conductivity
mg/L	milligram per liter
n_e	effective porosity
NELAP	National Environmental Laboratory Accreditation Program
NTU	nephelometric turbidity unit
ORP	oxidation reduction potential
Pace Analytical	Pace Analytical Services, LLC.
PE	professional engineer
PL	prediction limit
QA/QC	Quality Assurance/Quality Control
SAR	Site Acceptability Report
SCS	Southern Company Services
SSI	statistically significant increase
s.u.	standard unit
TDS	total dissolved solids
Unified Guidance	Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

Groundwater monitoring is currently conducted at the Georgia Power Company (Georgia Power) Plant Hammond, Huffaker Road Landfill (the landfill or the site) to comply with the landfill's solid waste permit number 057-022D (LI), as issued by the Georgia Environmental Protection Division (GA EPD), and in accordance with Georgia Solid Waste Management Rules for Groundwater Monitoring and Corrective Action of a municipal solid waste landfill, Rule 391-3-4.14. The landfill is also subject to the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D) and the GA EPD Rules for Solid Waste Management 391-3-4-.10. Geosyntec Consultants, Inc. (Geosyntec) has prepared this *2023 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities at the landfill. This report documents groundwater monitoring activities conducted at the landfill for the reporting period of January through July 2023 (referred to herein as the "semiannual reporting period"). This report satisfies the reporting requirements of applicable federal and state CCR Rule [§ 257.90(e), 391-3-4-.10] and GA EPD Solid Waste Management Rules (391-3-4-.14). For ease of reference when discussing aspects of the CCR Rule, only the federal CCR Rule is cited within this report.

1.1 Site Description and Background

The landfill is a Georgia Power-owned property located in Floyd County approximately five miles northeast of Plant Hammond (**Figure 1**). The physical address of the site is 2181 Huffaker Road, Rome, Georgia, 30165. The landfill was built between 2005 and 2007 over a closed surface clay mine, previously owned by Boral Bricks, Inc. The landfill is comprised of constructed Parcels A, B, and E, with Parcels C, D, and F proposed for future expansion. The three existing parcels were permitted and constructed with a minimum 24-inch compacted clay liner with a maximum hydraulic conductivity of 1×10^{-6} centimeters per second (cm/sec) underlain with a compacted soil barrier designed to provide a minimum five-foot thick barrier between the bottom of the clay liner and seasonal high groundwater levels. GA EPD approved solid waste permit no. 057-022D (LI) in a letter dated May 26, 2006, and disposal operations commenced on May 5, 2008. No CCR materials were stored in the landfill prior to May 2008 (Environmental Resource Management, 2018). In 2016, Parcels A and B were retrofitted with a leachate collection system and a 60-millimeter high-density polyethylene geomembrane overlaying the 24-inch clay liner, which was recompacted to obtain a maximum hydraulic conductivity of 1×10^{-7} cm/sec (Georgia Power, 2016).

Parcels A and B have historically received coal ash whereas Parcel E has typically received gypsum. Currently, Parcels A and B are active, and Parcel E is temporarily

inactive and covered with an intermediate closure system of 18-inches of soil compacted to obtain a maximum hydraulic conductivity of 1×10^{-6} cm/sec.

To accommodate the disposal of CCR material excavated from Ash Pond 4 located at Plant Hammond, Georgia Power proposes an expansion of the existing landfill to include the construction of Parcel F located south of Parcels A, B, and E. To this end, Georgia Power is preparing a permit application which will be submitted to GA EPD late summer 2023. The proposed lateral expansion of Parcel F will increase the total permitted area of the landfill by approximately 214 acres, for a total of 413 acres. Infrastructure installed in support of the Parcel F expansion, including the installation of 19 piezometers to evaluate hydrogeologic conditions in the vicinity, is documented in the Site Acceptability Report submitted to GA EPD in July 2023 (Stantec, 2023). A groundwater monitoring plan was developed as part of the landfill's pre-construction Design and Operations (D&O) Plan and approved in September 2004 with subsequent modifications submitted to GA EPD in September 2005, April 2009, and May 2013. Groundwater monitoring in accordance with the D&O Plan began in 2007, prior to disposal activities, and continues to date.

Groundwater monitoring and reporting activities in accordance with § 257.90 through § 257.94 of the federal CCR Rule were initiated in 2016. Pursuant to § 257.94(b), the eight baseline sampling events were conducted between March 2016 and March 2017, with the initial detection monitoring event occurring October 2017.

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

- Appendix III constituents according to § 257.94(a); and
- A state-modified Appendix I list of detection constituents according to GA EPD Rules for Solid Waste Management 391-3-4-.14 and the approved D&O plan. The state-modified analyte list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, and zinc.
- Field parameters that are to be recorded include: pH, temperature, turbidity, dissolved oxygen, specific conductance, and oxidation-reduction potential.

1.2 Regional Geology and Hydrogeologic Setting

The regional geology was summarized in the Southern Company Services (SCS) prepared Site Acceptability Report (SAR) (SCS, 2002) based on the work of Cressler (1970). The landfill is located in the Floyd Shale member of the Judy Mountain Syncline. The Floyd

Shale is Mississippian in age and ranges from 200 to 1,200 feet thick in Floyd County. The unit is composed of clay and shale, transitioning to limestone at its base.

Boring logs presented in the SAR indicate sandy clayey silt and silty clay with rock fragments described as shale extending to depths of up to approximately 30 feet below ground surface. Underlying this material is a medium gray to dark gray and dark olive gray, heavily to moderately weathered shale. Rock cores collected at the site are described as slightly weathered to unweathered, thinly bedded shale. Descriptions provided in the boring logs are representative of recorded observations on the Floyd Shale.

The landfill is underlain by a regional unconfined groundwater aquifer that occurs within the overburden. Groundwater recharge at the landfill is from infiltration of precipitation. Prior site investigations indicate groundwater within the unconfined aquifer flows predominantly through the heavily to moderately weathered shale layer (SCS, 2002). Groundwater occurring in bedrock below the site is controlled by the degree of enhanced secondary permeability. In general, groundwater occurring in the bedrock is a result of water infiltrating through areas in the overburden where enhanced permeability exists. Review of the available boring logs does not identify a confined aquifer beneath the landfill.

1.3 Groundwater Monitoring Well Network

The existing groundwater monitoring system meets the requirements listed in § 257.91 and 391-3-4.14; a groundwater monitoring system was installed at the landfill that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of the unit (i.e., background conditions) and passing the waste boundary of the unit. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site specific hydrogeologic conditions. The locations of the detection monitoring wells (formerly designated as “compliance monitoring wells”) are presented on **Figure 2**; well construction details are listed in **Table 1**.

1.4 Landfill Underdrain Monitoring Point

In addition to the groundwater monitoring well network, the D&O Plan requires collecting a water sample from the landfill underdrain monitoring point, SWC-1, during each semiannual monitoring event. The water sample is analyzed for the same constituents monitored in groundwater. The monitoring point is located west of Parcels A and B, as shown on **Figure 2**. Historically, there has been no liquid discharge from

this underdrain monitoring point to collect a sample, as was the case for the semiannual reporting period. The discharge status of the monitoring point is confirmed during each sampling event.

2.0 GROUNDWATER MONITORING ACTIVITIES

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

2.1 Monitoring Well Installation and Maintenance

Monitoring wells are inspected semiannually to evaluate if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In January 2023, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix A**. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Monitoring

Georgia Power currently monitors groundwater associated with the landfill under the detection groundwater monitoring program in accordance with federal CCR Rule § 257.94 and Solid Waste Management Rule 391-3-4-.14(22). The semiannual detection monitoring event occurred in January 2023 (**Table 2**). Groundwater samples were collected from each detection monitoring well shown on **Figure 2** and analyzed for the state-modified list of Appendix I constituents and Appendix III constituents stipulated by the August 2017 permit modification (GA EPD, 2017) (list of constituents presented in Section 1.1 of this report). The analytical and statistical results of the event conducted during the semiannual reporting period are discussed in Sections 3 and 4, respectively.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Level Measurement

A synoptic round of depth-to-groundwater-level measurements were recorded from the monitoring well network during the January 2023 detection monitoring event and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The January 2023 reported elevations are consistent with groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare a potentiometric surface map for the January 2023 event, which is presented on **Figure 3**. Interpretation of the potentiometric surface contours indicate that groundwater flow beneath the landfill is generally to the southeast in vicinity of Parcels A and B, and then south-southwest beneath Parcel E. These observed flow directions are consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradients beneath the landfill were calculated using the groundwater elevation data from the January 2023 event, and between two pairs of data points located approximately along interpreted groundwater flow paths to account for changing flow directions across the site, as discussed in Section 3.1. For Parcels A and B, the horizontal hydraulic gradient was calculated between GWA-1 and GWC-7; for Parcel E, GWC-9 and GWC-20 were used for the gradient calculation. The gradient calculations are presented in **Table 4**. The general trajectories of the flow paths used in the calculations are shown on **Figure 3**.

As presented in **Table 4**, the hydraulic gradient underneath Parcels A and B applying the data from January 2023, was calculated to be 0.021 feet per foot (ft/ft), whereas the hydraulic gradient underneath Parcel E was calculated to be 0.017 ft/ft.

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

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

where:

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

K_h = Horizontal Hydraulic Conductivity $\left(\frac{\text{feet}}{\text{day}}\right)$

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

h_1 and h_2 = Groundwater elevation at location 1 and 2

L = distance between location 1 and 2

n_e = Effective porosity

Prior site investigations indicate groundwater within the unconfined aquifer flows predominantly through the heavily to moderately weathered shale layer (SCS, 2002). The average hydraulic conductivity for this zone (0.248 feet per day [ft/day]) was computed from slug test data derived from five locations across the site (SCS, 2002). An estimated effective porosity of 0.20 is used for the flow rate calculation, based on interpreted values for weathered shale (Freeze/Cherry, 1979). With these variables determined, and accounting for the hydraulic gradients discussed above, the groundwater flow velocity underneath Parcels A and B was calculated to be 0.026 ft/day. Similarly, the flow velocity underneath Parcel E was calculated to be 0.020 ft/day. Calculated groundwater velocities across the Site are generally consistent with historical calculations and site specific geology, therefore, confirming the groundwater monitoring network as properly located to monitor the uppermost aquifer.

3.3 Groundwater Sampling Procedures

Groundwater samples were collected from the detection monitoring well network in accordance with § 257.93(a) and the D&O Plan using low-flow purging techniques performed with a peristaltic pump with disposable polyethylene tubing. The intake point of the tubing was lowered to the midpoint of the well screen. Each well was sampled with a new segment of tubing; all tubing was disposed of following the sampling event. All non-disposable equipment was decontaminated before use and between well locations.

An in-situ water quality field meter (Aqua TROLL400) was used to monitor and record field water quality parameters [i.e., pH, conductivity, dissolved oxygen (DO), temperature, and oxidation reduction potential (ORP)] during well purging to verify stabilization prior to sampling. Turbidity was monitored using a LaMotte 2020we portable turbidity meter. Groundwater samples were collected once the following stabilization criteria were met:

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

Following purging, and once stabilization was achieved, unfiltered samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace Analytical Services, LLC (Pace Analytical) in Peachtree Corners, Georgia, following chain-of-custody protocol. The field sampling and equipment calibration forms generated during the semiannual reporting period are provided in **Appendix B**.

3.4 Laboratory Analyses

Laboratory analyses were performed by Pace Analytical, which is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Pace Analytical maintains a NELAP certification for the permit specified constituents analyzed for this project. Analytical methods used for groundwater sample analysis, and associated results, are listed in the analytical laboratory reports included in **Appendix B**. The groundwater results from the January 2023 detection monitoring event are summarized in **Table 5**.

3.5 Quality Assurance and Quality Control

Quality assurance/quality control (QA/QC) samples were collected during the detection monitoring events at the minimum rate of one QA/QC sample per 10 groundwater samples and included the following: field duplicates, equipment blanks, and field blank samples. QA/QC samples were collected in appropriately preserved laboratory-supplied

sample containers and submitted under the same chain of custody as the primary samples for analysis of the same constituents by Pace Analytical.

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

4.0 STATISTICAL ANALYSES

The following section summarizes the statistical approach applied to assess the groundwater data for this semiannual reporting period for potential statistically significant increases (SSIs) of permit stipulated constituents reported in downgradient detection wells relative to the available historical dataset. Because the landfill is currently independently managed under both Georgia’s Solid Waste Management Rule 391-3-4.14 and Georgia’s CCR Rule 391-3-4.10, which references the federal CCR Rule, two datasets are statistically evaluated per monitoring event. One dataset contains Appendix III constituents, which is applicable to both of the beforementioned rule sets. The other dataset contains the D&O-specified state-modified list of Appendix I constituents, applicable to Rule 391-3-4.14. The January 2023 data were analyzed by Groundwater Stats Consulting (GSC); the report generated from the analyses is provided in **Appendix C**.

4.1 Statistical Methods

Statistical analysis of the January 2023 groundwater data for Appendix III constituents was performed pursuant to § 257.93 and in accordance with the PE-certified statistical method. Statistical analysis of the January 2023 groundwater data for the D&O Appendix I constituents was performed pursuant to Rule 391-3-4-.14 and in accordance with the *Background Data Screening & Recommended Statistical Methods* report prepared by GSC (GSC, 2019) and the USEPA document *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance* (Unified Guidance) (USEPA, 2009). Georgia Power submitted a minor permit modification request to GA EPD to change the statistical methods from the initial D&O plan interwell statistical methods to include other methods (i.e., intrawell statistical methods) allowed by Rule 391-3-4-.10(6)(a) that may be more appropriate to the data set; the minor modification request was approved by GA EPD in a letter dated August 20, 2019 (GA EPD, 2019).

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 an intrawell statistical approach. This approach was approved by GA EPD in a letter dated April 19, 2021. The two-step analysis is similar in concept to the procedure used in detection monitoring programs where an interwell statistical limit is used to determine “background” (Unified Guidance, Chapter 7, Section 7.5).

The Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as

recommended in the Unified Guidance. Detailed statistical methods used for Appendix III and D&O Appendix I constituents are discussed in statistical analysis reports provided in **Appendix C** and summarized in Sections 4.1.1 and 4.1.2.

4.1.1 Statistical Methods – Appendix III Constituents

The PE-certified statistical approach used to evaluate groundwater data for the landfill for Appendix III constituents is the intrawell prediction limit (PL) method combined with a 1-of-2 resample plan. The intrawell PLs utilize historical data from within a given well to establish a statistical limit for comparison of compliance data at the same well. In this case, the data from the monitoring events conducted between March 2016 and August 2022 were used to establish background conditions. An “initial exceedance” occurs when any data from the well exceeds the PL. 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, for instances where an apparent exceedance over the PL is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below sitewide background based on pooled upgradient well data.

The 1-of-2 resample plan allows for collection of an independent resample. Once again, the most recent sample from each downgradient well (in this case, the resample) is compared to the PL to evaluate exceedances over background. A confirmed exceedance is noted only when the resample confirms the initial exceedance by also exceeding the statistical limit. If the resample falls within its respective prediction limit, no exceedance is declared.

4.1.2 Statistical Methods – Appendix I D&O Constituents

The intrawell PL statistical approach was also used to evaluate groundwater data for the landfill for Appendix I D&O constituents with a 1-of-2 resample plan (GSC, 2019). As with the Appendix III methodology, instances where an intrawell statistical exceedance is identified, interwell statistical methods may be used to determine sitewide background for comparison prior to SSI identification.

4.2 Statistical Analysis Results

The January 2023 groundwater data were analyzed by GSC, with the results from these analyses presented in the statistical analysis report included in **Appendix C**. Summaries of the statistical analysis are presented below for the semiannual reporting period.

4.2.1 January 2023 Semiannual Event

No confirmed SSI was observed for either Appendix III or Appendix I D&O constituents during the January 2023 sampling event.

5.0 MONITORING PROGRAM STATUS

Groundwater monitoring at the landfill is currently being conducted under a detection monitoring program pursuant to the federal CCR Rule § 257.94 and Georgia's Solid Waste Management Rule 391-3-4.14(21).

6.0 CONCLUSIONS AND FUTURE ACTIONS

This *2023 Semiannual Groundwater Monitoring and Corrective Action Report* for Georgia Power's Plant Hammond Huffaker Road Landfill was prepared to fulfill the requirements of both the federal CCR Rule (§ 257.90(e)) and Georgia's Solid Waste Management Rules (391-3-4-.14). No SSIs were verified during the January 2023 groundwater monitoring events. Groundwater monitoring at the landfill will continue under a detection monitoring program pursuant to the federal CCR Rule § 257.94 and Georgia's Solid Waste Management Rule 391-3-4.14(21-23). The next routine semiannual assessment monitoring event is scheduled for August 2023.

7.0 REFERENCES

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TABLES

Table 1
Monitoring Well Network Summary
Plant Hammond, Huffaker Road Landfill, Floyd County, Georgia

Well ID	Hydraulic Location	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Top of Casing Elevation ⁽²⁾ (ft)	Top of Screen Elevation ⁽²⁾ (ft)	Bottom of Screen Elevation ⁽²⁾ (ft)	Well Depth ⁽³⁾ (ft BTOC)	Screen Interval Length (ft)
GWA-1	Upgradient	9/11/2001	1565643.81	1952067.94	701.96	672.96	662.96	39.30	10
GWA-2	Upgradient	2/5/2007	1565590.06	1952640.89	681.59	666.08	656.08	25.81	10
GWA-3	Upgradient	2/6/2007	1565520.24	1953199.93	659.24	648.45	638.45	21.09	10
GWA-4	Upgradient	2/6/2007	1565519.87	1953687.10	656.93	645.84	635.84	21.39	10
GWA-11	Upgradient	7/21/2006	1564946.55	1952008.03	682.36	656.76	646.76	35.90	10
GWC-5	Downgradient	2/7/2007	1565159.15	1953566.67	649.42	638.31	628.31	21.41	10
GWC-6	Downgradient	7/20/2006	1564397.56	1953919.86	656.35	624.07	614.07	42.58	10
GWC-7	Downgradient	7/19/2006	1564079.14	1953595.85	657.20	635.59	625.59	31.91	10
GWC-8	Downgradient	7/18/2006	1564000.62	1953095.72	656.64	639.81	629.81	27.13	10
GWC-9	Downgradient	7/18/2006	1563876.81	1952392.97	659.46	617.85	607.85	51.91	10
GWC-10	Downgradient	7/20/2006	1564308.39	1951975.66	667.58	643.90	633.90	33.98	10
GWC-18	Downgradient	7/12/2006	1563320.44	1953391.49	641.31	594.59	584.59	57.02	10
GWC-19	Downgradient	7/11/2006	1562843.12	1952979.72	642.89	595.91	585.91	57.51	10
GWC-20	Downgradient	7/17/2006	1562472.78	1952332.31	625.76	601.88	591.88	34.18	10
GWC-21	Downgradient	7/12/2006	1562099.56	1951612.93	618.33	610.65	600.65	18.23	10
GWC-22	Downgradient	7/13/2006	1562778.89	1951618.67	625.00	593.39	583.39	41.91	10
GWC-23	Downgradient	7/19/2006	1563558.66	1951604.97	654.84	615.41	605.41	49.73	10

Notes:

ft = feet

ft BTOC = feet below top of casing

(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Survey completed by GEL Solutions obtained June 26, 2020.

(2) Elevations referenced to the North American Vertical Datum of 1988 (NAVD88). Survey completed by GEL Solutions obtained June 26, 2020.

(3) Total well depth accounts for sump if data provided on well construction logs.

Table 2
Groundwater Sampling Event Summary
Plant Hammond, Huffaker Road Landfill, Floyd County, Georgia

Well ID	Hydraulic Location	January 2023	Status of Monitoring Well
Purpose of Sampling Event:		Detection	
GWA-1	Upgradient	X	Detection
GWA-2	Upgradient	X	Detection
GWA-3	Upgradient	X	Detection
GWA-4	Upgradient	X	Detection
GWA-11	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-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

Table 3
Summary of Groundwater Elevations
Plant Hammond, Huffaker Road Landfill, Floyd County, Georgia

Well ID	Top of Casing Elevation ⁽¹⁾ (ft)	January 27, 2023	
		Depth to Water (ft BTOC)	Groundwater Elevation ⁽¹⁾ (ft)
GWA-1	701.96	10.40	691.56
GWA-2	681.59	5.56	676.03
GWA-3	659.24	3.91	655.33
GWA-4	656.93	8.60	648.33
GWA-11	682.36	15.64	666.72
GWC-5	649.42	4.78	644.64
GWC-6	656.35	15.19	641.16
GWC-7	657.20	14.06	643.14
GWC-8	656.64	10.36	646.28
GWC-9	659.46	12.82	646.64
GWC-10	667.58	12.22	655.36
GWC-18	641.31	12.75	628.56
GWC-19	642.89	18.16	624.73
GWC-20	625.76	3.08	622.68
GWC-21	618.33	3.90	614.43
GWC-22	625.00	1.19	623.81
GWC-23	654.84	7.35	647.49

Notes:

ft = feet

ft BTOC = feet below top of casing

(1) Elevations referenced to the North American Vertical Datum of 1988 (NAVD88). Survey completed by GEL Solutions obtained June 26, 2020.

Table 4
Horizontal Groundwater Gradient and Flow Velocity Calculations
Plant Hammond, Huffaker Road Landfill, Floyd County, Georgia

Horizontal Hydraulic Gradient - January 27, 2023				
Landfill Parcels	h₁ (ft)	h₂ (ft)	L (ft)	i (ft/ft)
A & B (GWA-1 to GWC-7)	691.56	643.14	2,300	0.021
E (GWC-9 to GWC-20)	646.64	622.68	1,450	0.017

January 2023				
Landfill Parcels	K_h (ft/day)	n_e	i (ft/ft)	V (ft/day)⁽¹⁾
A & B	0.248	0.20	0.021	0.026
E			0.017	0.020

Notes:

ft = feet

ft/day = feet per day

ft/ft = feet per foot

h₁ and h₂ = groundwater elevation at location 1 and 2

i = h₁-h₂/L = horizontal hydraulic gradient

K_h = horizontal hydraulic conductivity

L = distance between location 1 and 2 along the flow path

n_e = effective porosity

V = groundwater flow velocity

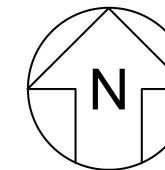
(1) Groundwater flow velocity equation: $V = [K_h * i] / n_e$

Table 5
Summary of Groundwater Analytical Data
Plant Hammond, Huffaker Road Landfill, Floyd County, Georgia

Well ID:	GWA-1	GWA-2	GWA-3	GWA-4	GWA-11	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9	GWC-10	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22	GWC-23	
Sample Date:	1/30/2023	1/30/2023	1/30/2023	1/30/2023	1/30/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	1/31/2023	
Parameter ^(1,2)																		
D&O PLAN	Antimony	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	
	Arsenic	<0.0022	<0.0022	<0.0022	<0.0022	<0.0011	<0.0011	0.0028 J	0.0015 J	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	
	Barium	0.037	0.20	0.070	0.037	0.030	0.064	0.15	0.047	0.12	0.064	0.17	0.077	0.15	0.14	0.033	0.090	0.11
	Beryllium	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	0.00021 J	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054
	Cadmium	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
	Chromium	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Cobalt	0.0005 J	<0.00039	<0.00039	<0.00039	0.00043 J	<0.00039	<0.00039	0.031	0.00055 J	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	0.002 J	<0.00039	<0.00039
	Copper	<0.0010	<0.0010	<0.0010	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0012 J	<0.00050	0.00088 J
	Lead	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089
	Nickel	<0.00071	<0.00071	0.00082 J	<0.00071	0.0017 J	<0.00071	<0.00071	0.11	<0.00071	0.002 J	<0.00071	0.00078 J	<0.00071	<0.00071	0.005 J	<0.00071	<0.00072
	Selenium	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
	Silver	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044	<0.00044
	Thallium	0.00022 J	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Vanadium	0.0022 J	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
Zinc	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	0.19	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	
APPENDIX III	Boron	0.026 J	0.09	0.09	0.06	0.038 J	0.043	0.037 J	0.025 J	0.029 J	0.012 J	0.038 J	0.12	0.13	0.015 J	0.013 J	0.052	0.06
	Calcium	15.8	46.8	53.1	73.6	20.4	75.5	62.5	19.0	69.2	34.1	43.7	40.4	42.5	62.0	16.2	43.8	58.3
	Chloride	1.1	2.2	1.2	3.4	1.2	2.1	1.7	1.7	1.6	0.72 J	1.3	0.8 J	1.2	1.1	1.5	1.0	<0.60
	Fluoride	0.11	0.11	0.12	0.12	0.09 J	0.074 J	0.098 J	0.26	0.18	0.11	0.096 J	0.15	0.14	0.094 J	0.062 J	0.095 J	0.11
	pH ⁽³⁾	7.22	7.05	6.82	6.94	7.00	5.96	7.24	5.85	7.09	6.74	7.6	7.56	7.65	7.44	6.23	7.67	7.03
	Sulfate	3.8	19.8	78.4	156	9.5	90.6	95.7	118	31.30	70.0	11.5	8.4	22.8	69.8	12.4	8.8	19.5
	TDS	94.0	263	367	459	130	385	335	223	284	216	190	284	239	329	76.0	221	243

Notes:
 <= Indicates the parameter was not detected above the analytical method detection limit.
 J = Indicates the parameter was estimated and detected between the MDL and the reporting limit (RL).
 TDS = Total dissolved solids
 (1) Parameters are reported in units of milligrams per liter (mg/L), except for pH reported as s.u. (standard units).
 (2) Metals were analyzed by EPA Method 6010D and 6020B, anions were analyzed by EPA Method 300.0, TDS was analyzed by SM2540C, and sulfide was analyzed by SM4500-S2D.
 (3) The pH value presented was recorded at the time of sample collection in the field.

FIGURES

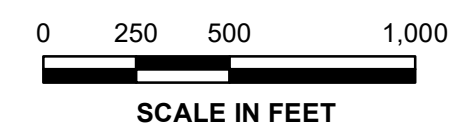


LEGEND

- Approximate Huffaker Road Landfill Property Boundary
- Approximate Landfill Parcel Boundary



Note:
 1. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, February 2023.



SITE LOCATION MAP

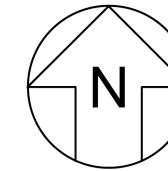
GEORGIA POWER COMPANY
 PLANT HAMMOND HUFFAKER ROAD LANDFILL
 FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power




Prepared By: Geosyntec
 consultants

FIGURE
1

KENNESAW, GA AUGUST 2023



LEGEND

-  Detection Monitoring Well
-  Landfill Underdrain Sample Point
-  Approximate Landfill Boundary

Note:
 1. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, February 2023.



MONITORING WELL NETWORK MAP

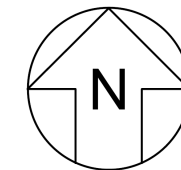
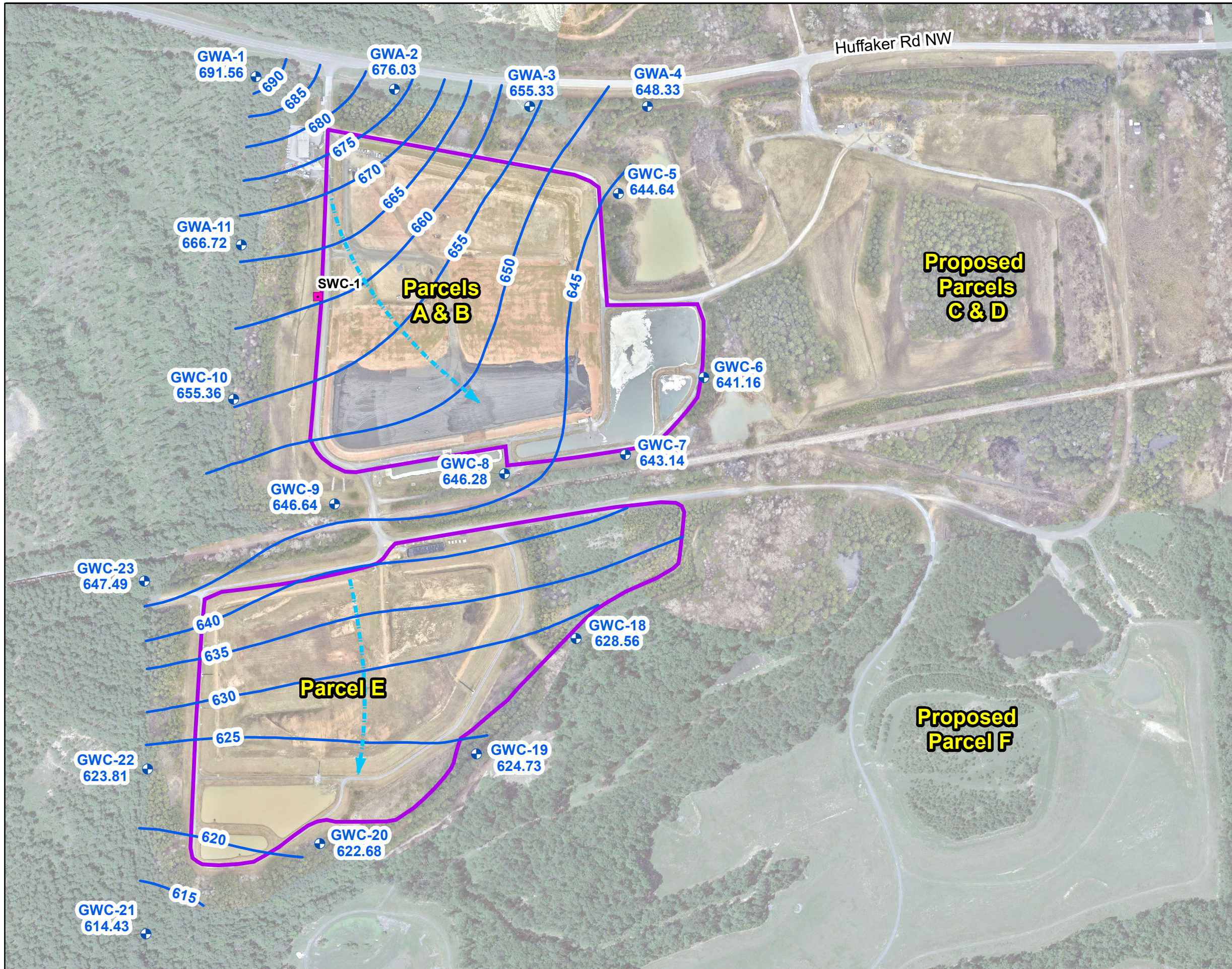
GEORGIA POWER COMPANY
 PLANT HAMMOND HUFFAKER ROAD LANDFILL
 FLOYD COUNTY, GEORGIA

Prepared For:  Georgia Power

Prepared By:  Geosyntec
 consultants

**FIGURE
 2**

KENNESAW, GA AUGUST 2023



- LEGEND**
- Detection Monitoring Well
 - Landfill Underdrain Sample Point
 - Approximate Landfill Boundary



Note:
 1. Water elevation recorded on January 27, 2023. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
 2. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, February 2023.



POTENTIOMETRIC SURFACE CONTOUR MAP - JANUARY 2023

GEORGIA POWER COMPANY
 PLANT HAMMOND HUFFAKER ROAD LANDFILL
 FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA AUGUST 2023

FIGURE 3

APPENDIX A

Well Maintenance and Repair Documentation Memorandum

MEMORANDUM

DATE: June 22, 2023

TO: Kristen Jurinko, P.G., Southern Company Services, Inc.

CC: Ben Hodges, P.G. Georgia Power Company

FROM: Geosyntec Consultants

SUBJECT: Plant Hammond Huffaker Road Landfill – Well Maintenance and Repair Documentation, Georgia Power Company

Geosyntec Consultants has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at the Plant Hammond Huffaker Road Landfill during the 2023 semiannual reporting period. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GA EPD) guidance on routine visual inspections of groundwater monitoring wells. Documentation of the well inspections are provided as an attachment to this memorandum.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Hammond/Huffaker	1/27/2023	All Wells	Checked and cleared weep holes of debris.

ATTACHMENT

Well Inspection Forms

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Muffler
 Field Technician Thomas Mueller
 Well ID GW-1

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny 45°

Yes No Comments

1 Location/Identification

- a Is the well visible and accessible? Yes No
- b Is the well properly identified with the correct well ID? Yes No
- c Is the well in a high traffic area? Yes No
- d Are appropriate measures in place to protect the well (e.g., bollards)? Yes No
- e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Yes No

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured? Yes No
- b Is the casing free of degradation or deterioration? Yes No
- c Does the casing have a functioning weep hole? Yes No
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Yes No
- e Is the well locked? Yes No
- f If locked, is the well lock in good condition? Yes No
- g Is the well lid in good condition? Yes No

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)? Yes No
- b Is the well pad sloped away from the protective casing? Yes No
- c Is the well pad in complete contact with the protective casing? Yes No
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)? Yes No
- e Is the pad surface clean (not covered with sediment or debris)? Yes No

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well? Yes No
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Yes No
- c Is the well properly vented for equilibration of air pressure? Yes No
- d Is the survey point clearly marked on the inner casing? Yes No
- e Is the depth of the well consistent with the original well log? Yes No
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Yes No

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.** Yes No w/d
- b If equipped with dedicated sampling equipment, is it in good operational condition? Yes No w/d
- c If equipped with a dedicated water quality sonde, is it in good operational condition? Yes No w/d
- d Does the desiccant need to be replaced on the water quality sonde? Yes No w/d
- e If equipped with a water level data logger, is it in good operational condition? Yes No w/d
- f Does the well recharge adequately when purged? Yes No
- g Does the well require redevelopment (low flow, excess turbidity)? Yes No

6 Corrective Actions

- a Are corrective actions needed? Yes No 11-2723
- If yes, indicate here:
-
-

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Hufferline
 Field Technician Thomas Hooper
 Well ID GL-1-2

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Summary 40°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.			<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?			<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?			<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?			<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?			<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?		<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plum's Membrane / Buffalo
 Field Technician Thomas Thostel
 Well ID GW4-3

Date (mm/dd/yyyy) 01/17/2023
 Field Conditions Sunny 40°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.			<u>W/L</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?			<u>W/L</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?			<u>W/L</u>
d Does the desiccant need to be replaced on the water quality sonde?			<u>W/L</u>
e If equipped with a water level data logger, is it in good operational condition?			<u>W/L</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond/Hufferline
 Field Technician Hyungho Hwang
 Well ID 7164-4

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny 40°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Kuffeler
 Field Technician Thomas Thiesler
 Well ID EW-11

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny 40°

Yes No Comments

1 Location/Identification

- a Is the well visible and accessible? Yes No
- b Is the well properly identified with the correct well ID? Yes No
- c Is the well in a high traffic area? Yes No
- d Are appropriate measures in place to protect the well (e.g., bollards)? Yes No
- e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Yes No

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured? Yes No
- b Is the casing free of degradation or deterioration? Yes No
- c Does the casing have a functioning weep hole? Yes No
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Yes No
- e Is the well locked? Yes No
- f If locked, is the well lock in good condition? Yes No
- g Is the well lid in good condition? Yes No

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)? Yes No
- b Is the well pad sloped away from the protective casing? Yes No
- c Is the well pad in complete contact with the protective casing? Yes No
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)? Yes No
- e Is the pad surface clean (not covered with sediment or debris)? Yes No

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well? Yes No
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Yes No
- c Is the well properly vented for equilibration of air pressure? Yes No
- d Is the survey point clearly marked on the inner casing? Yes No
- e Is the depth of the well consistent with the original well log? Yes No
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Yes No

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.** Yes No N/A
- b If equipped with dedicated sampling equipment, is it in good operational condition? Yes No N/A
- c If equipped with a dedicated water quality sonde, is it in good operational condition? Yes No N/A
- d Does the desiccant need to be replaced on the water quality sonde? Yes No N/A
- e If equipped with a water level data logger, is it in good operational condition? Yes No N/A
- f Does the well recharge adequately when purged? Yes No
- g Does the well require redevelopment (low flow, excess turbidity)? Yes No

6 Corrective Actions

- a Are corrective actions needed? Yes No
- If yes, indicate here:
-
-

Well Inspection Form

Plant Name/Unit Name Plant Hammond (Huffco)
 Field Technician Thomas Krosch
 Well ID CR-5

Date (mm/dd/yyyy) 01/27/2013
 Field Conditions SLURRY 93°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.			<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?			<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?			<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?			<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?			<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammagard (Huffaker)
 Field Technician Michaela Pressler
 Well ID GW-6

Date (mm/dd/yyyy) 02/29/2025
 Field Conditions Sunny, 45°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.			<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?			<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?			<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?			<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?			<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond/Huffaker
 Field Technician Thomas J. Messer
 Well ID BLW-7

Date (mm/dd/yyyy) 01/27/2025
 Field Conditions Sunny 46°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Thermit Harmanians / Huffaker
 Field Technician Greg S. D. Superior Hardware Kessler
 Well ID GW-8

Date (mm/dd/yyyy) 03/27/2023
 Field Conditions Sunny 45°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.			<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?			<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?			<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?			<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?			<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?		<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Huffco
 Field Technician Thomas Kessler
 Well ID 200C-9

Date (mm/dd/yyyy) 01/27/2013
 Field Conditions Sunny 45°

Yes No Comments

1 Location/Identification

- a Is the well visible and accessible? Yes No
- b Is the well properly identified with the correct well ID? Yes No
- c Is the well in a high traffic area? Yes No
- d Are appropriate measures in place to protect the well (e.g., bollards)? Yes No
- e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Yes No

2 Protective Casing

- a Is the protective casing free from apparent damage and able to be secured? Yes No
- b Is the casing free of degradation or deterioration? Yes No
- c Does the casing have a functioning weep hole? Yes No
- d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Yes No
- e Is the well locked? Yes No
- f If locked, is the well lock in good condition? Yes No
- g Is the well lid in good condition? Yes No

3 Surface Pad

- a Is the well pad in good condition (not cracked or broken)? Yes No
- b Is the well pad sloped away from the protective casing? Yes No
- c Is the well pad in complete contact with the protective casing? Yes No
- d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)? Yes No
- e Is the pad surface clean (not covered with sediment or debris)? Yes No

4 Internal Casing

- a Does the cap prevent entry of foreign material into the well? Yes No
- b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Yes No
- c Is the well properly vented for equilibration of air pressure? Yes No
- d Is the survey point clearly marked on the inner casing? Yes No
- e Is the depth of the well consistent with the original well log? Yes No
- f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Yes No

5 Sampling and Data Collection Equipment

- a Indicate if the well is equipped with **dedicated sampling equipment**, a **dedicated water quality sonde**, and/or **dedicated water level data logger**. W/A
- b If equipped with dedicated sampling equipment, is it in good operational condition? W/A
- c If equipped with a dedicated water quality sonde, is it in good operational condition? W/A
- d Does the desiccant need to be replaced on the water quality sonde? W/A
- e If equipped with a water level data logger, is it in good operational condition? W/A
- f Does the well recharge adequately when purged? Yes No
- g Does the well require redevelopment (low flow, excess turbidity)? Yes No

6 Corrective Actions

- a Are corrective actions needed? Yes No
- If yes, indicate here:

Well Inspection Form

Plant Name/Unit Name Plant Mannheim/Wulfen
 Field Technician Thomas Messler
 Well ID GW1-10

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny 98°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Hufferline
 Field Technician Alonzo Messito
 Well ID GW-18

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions sunny 45

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>w/l/d</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>w/l/d</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>w/l/d</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>w/l/d</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>w/l/d</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Hufferle -
 Field Technician Veronica Hirsch
 Well ID GL02-19

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny, 45°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>N/A</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here:			

Well Inspection Form

Plant Name/Unit Name Plant Hammer Oil Refinery
 Field Technician Thomas Krasak
 Well ID 6106-20

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny 45°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input type="checkbox"/>	<input type="checkbox"/>	<u>pond touching well pad</u> <u>But not topping well pad</u>
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	<u>W/A</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
e If equipped with a water level data logger, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here: <u>no clear way to drain face area where well is located</u>			

Well Inspection Form

Plant Name/Unit Name Plant Hammond / Muffler
 Field Technician Alonzo Nesole
 Well ID GC-21

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny, 95°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	well in er pond - 6 in underwater (pad)
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment , a dedicated water quality sonde , and/or dedicated water level data logger .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	n/y
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	n/y
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	n/y
d Does the desiccant need to be replaced on the water quality sonde?	<input type="checkbox"/>	<input type="checkbox"/>	n/y
e If equipped with a water level data logger, is it in good operational condition?	<input type="checkbox"/>	<input type="checkbox"/>	n/y
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If yes, indicate here: <u>well pad is submerged, well is in clear drainage area, ensure all proper corrective action to drain the flow to area.</u>			

Well Inspection Form

Plant Name/Unit Name North Hammond / Muffler
 Field Technician Thomas Hughes
 Well ID Colvic - 2

Date (mm/dd/yyyy) 01/27/2025
 Field Conditions Sunny, 48°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>stream running directly next to well</u>
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment , a dedicated water quality sonde , and/or dedicated water level data logger .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Does the well require redevelopment (low flow, excess turbidity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6 Corrective Actions			
a Are corrective actions needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here:			
<u>cannot move stream</u>			

Well Inspection Form

Plant Name/Unit Name Mont Mammico Hydro
 Field Technician Thomas Prosser
 Well ID GLW-23

Date (mm/dd/yyyy) 01/27/2023
 Field Conditions Sunny, 40°

	Yes	No	Comments
1 Location/Identification			
a Is the well visible and accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well properly identified with the correct well ID?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well in a high traffic area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Are appropriate measures in place to protect the well (e.g., bollards)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2 Protective Casing			
a Is the protective casing free from apparent damage and able to be secured?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of degradation or deterioration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Does the casing have a functioning weep hole?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the well locked?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f If locked, is the well lock in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g Is the well lid in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3 Surface Pad			
a Is the well pad in good condition (not cracked or broken)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the well pad sloped away from the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well pad in complete contact with the protective casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the well pad in complete contact with the ground surface and stable (not undermined by erosion, animal burrows, and does not move when stepped on)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the pad surface clean (not covered with sediment or debris)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4 Internal Casing			
a Does the cap prevent entry of foreign material into the well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c Is the well properly vented for equilibration of air pressure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d Is the survey point clearly marked on the inner casing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e Is the depth of the well consistent with the original well log?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5 Sampling and Data Collection Equipment			
a Indicate if the well is equipped with dedicated sampling equipment, a dedicated water quality sonde, and/or dedicated water level data logger.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
b If equipped with dedicated sampling equipment, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
c If equipped with a dedicated water quality sonde, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
d Does the desiccant need to be replaced on the water quality sonde?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
e If equipped with a water level data logger, is it in good operational condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
f Does the well recharge adequately when purged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L</u>
g Does the well require redevelopment (low flow, excess turbidity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>W/L 1/24/23</u>
6 Corrective Actions			
a Are corrective actions needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If yes, indicate here:			

APPENDIX B

Analytical Laboratory Results and Field Sampling Forms

LABORATORY ANALYTICAL REPORTS

March 16, 2023

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: Huffaker Road Landfill
Pace Project No.: 92649923

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on February 01, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

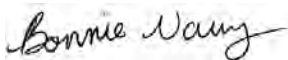
The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

Revision 1: Amend collected dates and "collected by" in field notes.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Noelia Gangi, Georgia Power
Ben Hodges, Georgia Power-CCR
Christine Hug, Geosyntec Consultants, Inc.
Kristen Jurinko
Thomas Kessler, Geosyntec
Whitney Law, Geosyntec Consultants
Laura Midkiff, Georgia Power
Michael Smilley, Georgia Power

Tina Sullivan, ERM
Anthony Szwest, Geosyntec
Nardos Tilahun, GeoSyntec
Dawit Yifru, Geosyntec Consultants, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001

South Carolina Drinking Water Cert. #: 99006003

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Louisiana DoH Drinking Water #: LA029

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Laboratory ID: 99030

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092

Florida DOH Certification #: E87315

Georgia DW Inorganics Certification #: 812

North Carolina Certification #: 381

South Carolina Certification #: 98011001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92649923001	HAM-GWA-1	Water	01/30/23 15:11	02/01/23 12:45
92649923002	HAM-GWA-2	Water	01/30/23 13:48	02/01/23 12:45
92649923003	HAM-GWA-3	Water	01/30/23 11:59	02/01/23 12:45
92649923004	HAM-GWA-4	Water	01/30/23 10:37	02/01/23 12:45
92649923005	HAM-GWA-11	Water	01/30/23 16:30	02/01/23 12:45
92649923006	HAM-GWC-10	Water	01/30/23 18:11	02/01/23 12:45
92649923007	HAM-GWC-5	Water	01/31/23 13:20	02/01/23 12:45
92649923008	HAM-HLF-GWC-6	Water	01/31/23 15:20	02/01/23 12:45
92649923009	HAM-GWC-7	Water	01/31/23 14:29	02/01/23 12:45
92649923010	HAM-HLF-GWC-8	Water	01/31/23 16:02	02/01/23 12:45
92649923011	HAM-GWC-9	Water	01/31/23 11:34	02/01/23 12:45
92649923012	HAM-GWC-18	Water	01/31/23 10:11	02/01/23 12:45
92649923013	HAM-HLF-GWC-19	Water	01/31/23 14:44	02/01/23 12:45
92649923014	HAM-GWC-20	Water	01/31/23 10:50	02/01/23 12:45
92649923015	HAM-GWC-21	Water	01/31/23 12:16	02/01/23 12:45
92649923016	HAM-GWC-22	Water	01/31/23 10:13	02/01/23 12:45
92649923017	HAM-GWC-23	Water	01/31/23 13:43	02/01/23 12:45
92649923018	HAM-HLF-EB-05	Water	01/31/23 16:05	02/01/23 12:45
92649923019	HAM-HLF-FB-05	Water	01/31/23 16:10	02/01/23 12:45
92649923020	HAM-HLF-FD-05	Water	01/30/23 00:00	02/01/23 12:46

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92649923001	HAM-GWA-1	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923002	HAM-GWA-2	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923003	HAM-GWA-3	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923004	HAM-GWA-4	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923005	HAM-GWA-11	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923006	HAM-GWC-10	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923007	HAM-GWC-5	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92649923008	HAM-HLF-GWC-6	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92649923009	HAM-GWC-7	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92649923010	HAM-HLF-GWC-8	EPA 6010D	MS	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92649923011	HAM-GWC-9	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
92649923012	HAM-GWC-18	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92649923013	HAM-HLF-GWC-19	EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92649923014	HAM-GWC-20	EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
92649923015	HAM-GWC-21	EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
92649923016	HAM-GWC-22	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
92649923017	HAM-GWC-23	EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	MS	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92649923018	HAM-HLF-EB-05	EPA 6010D	DRB	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	DRB	1
92649923019	HAM-HLF-FB-05	EPA 6020B	CW1	16
		EPA 6010D	DRB	1

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SAMPLE ANALYTE COUNT

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92649923020	HAM-HLF-FD-05	SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6010D	DRB	1
		EPA 6020B	CW1	16
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92649923001	HAM-GWA-1					
	Performed by	Client			02/15/23 11:00	
	Collected By	TK			02/15/23 11:00	
	Collected Date	1/30/23			02/15/23 11:00	
	Collected Time	15:11			02/15/23 11:00	
	pH	7.22	Std. Units		02/15/23 11:00	
EPA 6010D	Calcium	15.8	mg/L	1.0	02/13/23 21:30	M1
EPA 6020B	Barium	0.037	mg/L	0.0050	02/14/23 13:21	
EPA 6020B	Boron	0.026J	mg/L	0.040	02/14/23 13:21	
EPA 6020B	Cobalt	0.00050J	mg/L	0.0050	02/14/23 13:21	
EPA 6020B	Thallium	0.00022J	mg/L	0.0010	02/14/23 13:21	
EPA 6020B	Vanadium	0.0022J	mg/L	0.010	02/14/23 13:21	
SM 2540C-2015	Total Dissolved Solids	94.0	mg/L	25.0	02/02/23 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/04/23 05:18	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/04/23 05:18	
EPA 300.0 Rev 2.1 1993	Sulfate	3.8	mg/L	1.0	02/04/23 05:18	
92649923002	HAM-GWA-2					
	Performed by	Client			02/15/23 11:01	
	Collected By	TK			02/15/23 11:01	
	Collected Date	1/30/23			02/15/23 11:01	
	Collected Time	13:48			02/15/23 11:01	
	pH	7.05	Std. Units		02/15/23 11:01	
EPA 6010D	Calcium	46.8	mg/L	1.0	02/13/23 21:48	
EPA 6020B	Barium	0.20	mg/L	0.0050	02/14/23 13:27	
EPA 6020B	Boron	0.086	mg/L	0.040	02/14/23 13:27	
SM 2540C-2015	Total Dissolved Solids	263	mg/L	25.0	02/02/23 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/04/23 05:33	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/04/23 05:33	
EPA 300.0 Rev 2.1 1993	Sulfate	19.8	mg/L	1.0	02/04/23 05:33	
92649923003	HAM-GWA-3					
	Performed by	Client			02/15/23 11:06	
	Collected By	TK			02/15/23 11:06	
	Collected Date	1/30/23			02/15/23 11:06	
	Collected Time	11:59			02/15/23 11:06	
	pH	6.82	Std. Units		02/15/23 11:06	
EPA 6010D	Calcium	53.1	mg/L	1.0	02/13/23 21:53	
EPA 6020B	Barium	0.070	mg/L	0.0050	02/14/23 13:33	
EPA 6020B	Boron	0.094	mg/L	0.040	02/14/23 13:33	
EPA 6020B	Nickel	0.00082J	mg/L	0.0050	02/14/23 13:33	
SM 2540C-2015	Total Dissolved Solids	367	mg/L	25.0	02/02/23 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/04/23 05:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/04/23 05:47	
EPA 300.0 Rev 2.1 1993	Sulfate	78.4	mg/L	1.0	02/04/23 05:47	
92649923004	HAM-GWA-4					
	Performed by	Client			02/15/23 11:06	
	Collected By	TK			02/15/23 11:06	
	Collected Date	1/30/23			02/15/23 11:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92649923004	HAM-GWA-4					
	Collected Time	10:37			02/15/23 11:06	
	pH	6.94	Std. Units		02/15/23 11:06	
EPA 6010D	Calcium	73.6	mg/L	1.0	02/13/23 21:58	
EPA 6020B	Barium	0.037	mg/L	0.0050	02/14/23 13:39	
EPA 6020B	Boron	0.058	mg/L	0.040	02/14/23 13:39	
SM 2540C-2015	Total Dissolved Solids	459	mg/L	25.0	02/02/23 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	3.4	mg/L	1.0	02/04/23 06:02	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/04/23 06:02	
EPA 300.0 Rev 2.1 1993	Sulfate	156	mg/L	3.0	02/04/23 16:24	
92649923005	HAM-GWA-11					
	Performed by	Client			02/15/23 11:07	
	Collected By	TK			02/15/23 11:07	
	Collected Date	1/30/23			02/15/23 11:07	
	Collected Time	16:30			02/15/23 11:07	
	pH	7.00	Std. Units		02/15/23 11:07	
EPA 6010D	Calcium	20.4	mg/L	1.0	02/13/23 22:03	
EPA 6020B	Barium	0.030	mg/L	0.0050	02/14/23 13:45	
EPA 6020B	Boron	0.038J	mg/L	0.040	02/14/23 13:45	
EPA 6020B	Cobalt	0.00043J	mg/L	0.0050	02/14/23 13:45	
EPA 6020B	Nickel	0.0017J	mg/L	0.0050	02/14/23 13:45	
SM 2540C-2015	Total Dissolved Solids	130	mg/L	25.0	02/02/23 20:27	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/04/23 06:17	
EPA 300.0 Rev 2.1 1993	Fluoride	0.090J	mg/L	0.10	02/04/23 06:17	
EPA 300.0 Rev 2.1 1993	Sulfate	9.5	mg/L	1.0	02/04/23 06:17	
92649923006	HAM-GWC-10					
	Performed by	Client			02/15/23 11:08	
	Collected By	TK			02/15/23 11:08	
	Collected Date	1/30/23			02/15/23 11:08	
	Collected Time	18:11			02/15/23 11:08	
	pH	7.60	Std. Units		02/15/23 11:08	
EPA 6010D	Calcium	43.7	mg/L	1.0	02/13/23 22:08	
EPA 6020B	Barium	0.17	mg/L	0.0050	02/14/23 14:21	
EPA 6020B	Boron	0.038J	mg/L	0.040	02/14/23 14:21	
SM 2540C-2015	Total Dissolved Solids	190	mg/L	25.0	02/02/23 20:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/04/23 07:17	
EPA 300.0 Rev 2.1 1993	Fluoride	0.096J	mg/L	0.10	02/04/23 07:17	
EPA 300.0 Rev 2.1 1993	Sulfate	11.5	mg/L	1.0	02/04/23 07:17	
92649923007	HAM-GWC-5					
	Performed by	Client			02/15/23 11:09	
	Collected By	CC			02/15/23 11:09	
	Collected Date	1/31/23			02/15/23 11:09	
	Collected Time	13:20			02/15/23 11:09	
	pH	5.96	Std. Units		02/15/23 11:09	
EPA 6010D	Calcium	75.5	mg/L	1.0	02/13/23 22:13	
EPA 6020B	Barium	0.064	mg/L	0.0050	02/14/23 14:27	
EPA 6020B	Boron	0.043	mg/L	0.040	02/14/23 14:27	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92649923007	HAM-GWC-5					
SM 2540C-2015	Total Dissolved Solids	385	mg/L	25.0	02/03/23 15:47	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/04/23 07:32	
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	02/04/23 07:32	
EPA 300.0 Rev 2.1 1993	Sulfate	90.6	mg/L	1.0	02/04/23 07:32	
92649923008	HAM-HLF-GWC-6					
	Performed by	Client			02/15/23 11:10	
	Collected By	CC			02/15/23 11:10	
	Collected Date	1/31/23			02/15/23 11:10	
	Collected Time	15:20			02/15/23 11:10	
	pH	7.24	Std. Units		02/15/23 11:10	
EPA 6010D	Calcium	62.5	mg/L	1.0	02/13/23 22:27	
EPA 6020B	Barium	0.15	mg/L	0.0050	02/14/23 14:32	
EPA 6020B	Boron	0.037J	mg/L	0.040	02/14/23 14:32	
SM 2540C-2015	Total Dissolved Solids	335	mg/L	25.0	02/03/23 15:48	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/03/23 17:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.098J	mg/L	0.10	02/03/23 17:47	
EPA 300.0 Rev 2.1 1993	Sulfate	95.7	mg/L	2.0	02/04/23 11:21	
92649923009	HAM-GWC-7					
	Performed by	Client			02/15/23 11:10	
	Collected By	AS			02/15/23 11:10	
	Collected Date	1/31/23			02/15/23 11:10	
	Collected Time	14:29			02/15/23 11:10	
	pH	5.84	Std. Units		02/15/23 11:10	
EPA 6010D	Calcium	19.0	mg/L	1.0	02/13/23 22:32	
EPA 6020B	Arsenic	0.0028J	mg/L	0.0050	02/14/23 14:38	
EPA 6020B	Barium	0.047	mg/L	0.0050	02/14/23 14:38	
EPA 6020B	Beryllium	0.00021J	mg/L	0.00050	02/14/23 14:38	
EPA 6020B	Boron	0.025J	mg/L	0.040	02/14/23 14:38	
EPA 6020B	Cobalt	0.031	mg/L	0.0050	02/14/23 14:38	
EPA 6020B	Nickel	0.11	mg/L	0.0050	02/14/23 14:38	
EPA 6020B	Zinc	0.19	mg/L	0.010	02/14/23 14:38	
SM 2540C-2015	Total Dissolved Solids	223	mg/L	25.0	02/03/23 15:48	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	02/03/23 18:35	
EPA 300.0 Rev 2.1 1993	Fluoride	0.26	mg/L	0.10	02/03/23 18:35	
EPA 300.0 Rev 2.1 1993	Sulfate	118	mg/L	3.0	02/04/23 12:38	
92649923010	HAM-HLF-GWC-8					
	Performed by	Client			02/15/23 11:11	
	Collected By	AS			02/15/23 11:11	
	Collected Date	1/31/23			02/15/23 11:11	
	Collected Time	16:02			02/15/23 11:11	
	pH	7.09	Std. Units		02/15/23 11:11	
EPA 6010D	Calcium	69.2	mg/L	1.0	02/13/23 22:37	
EPA 6020B	Barium	0.12	mg/L	0.0050	02/14/23 14:44	
EPA 6020B	Boron	0.029J	mg/L	0.040	02/14/23 14:44	
EPA 6020B	Cobalt	0.00055J	mg/L	0.0050	02/14/23 14:44	
SM 2540C-2015	Total Dissolved Solids	284	mg/L	25.0	02/03/23 15:48	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92649923010	HAM-HLF-GWC-8					
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	02/03/23 18:51	
EPA 300.0 Rev 2.1 1993	Fluoride	0.18	mg/L	0.10	02/03/23 18:51	
EPA 300.0 Rev 2.1 1993	Sulfate	31.3	mg/L	1.0	02/03/23 18:51	
92649923011	HAM-GWC-9					
	Performed by	Client			02/15/23 11:11	
	Collected By	AS			02/15/23 11:11	
	Collected Date	1/31/23			02/15/23 11:11	
	Collected Time	11:34			02/15/23 11:11	
	pH	6.74	Std. Units		02/15/23 11:11	
EPA 6010D	Calcium	34.1	mg/L	1.0	02/13/23 22:42	
EPA 6020B	Barium	0.064	mg/L	0.0050	02/14/23 14:50	
EPA 6020B	Boron	0.012J	mg/L	0.040	02/14/23 14:50	
EPA 6020B	Nickel	0.0020J	mg/L	0.0050	02/14/23 14:50	
SM 2540C-2015	Total Dissolved Solids	216	mg/L	25.0	02/03/23 15:48	
EPA 300.0 Rev 2.1 1993	Chloride	0.72J	mg/L	1.0	02/03/23 19:07	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/03/23 19:07	
EPA 300.0 Rev 2.1 1993	Sulfate	70.0	mg/L	1.0	02/03/23 19:07	
92649923012	HAM-GWC-18					
	Performed by	Client			02/15/23 11:12	
	Collected By	AS			02/15/23 11:12	
	Collected Date	1/31/23			02/15/23 11:12	
	Collected Time	10:11			02/15/23 11:12	
	pH	7.56	Std. Units		02/15/23 11:12	
EPA 6010D	Calcium	40.4	mg/L	1.0	02/13/23 22:46	
EPA 6020B	Barium	0.077	mg/L	0.0050	02/14/23 14:56	
EPA 6020B	Boron	0.12	mg/L	0.040	02/14/23 14:56	
SM 2540C-2015	Total Dissolved Solids	284	mg/L	25.0	02/03/23 15:48	
EPA 300.0 Rev 2.1 1993	Chloride	0.80J	mg/L	1.0	02/03/23 19:23	
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	02/03/23 19:23	
EPA 300.0 Rev 2.1 1993	Sulfate	8.4	mg/L	1.0	02/03/23 19:23	
92649923013	HAM-HLF-GWC-19					
	Performed by	Client			02/15/23 11:12	
	Collected By	TK			02/15/23 11:12	
	Collected Date	1/31/23			02/15/23 11:12	
	Collected Time	14:44			02/15/23 11:12	
	pH	7.65	Std. Units		02/15/23 11:12	
EPA 6010D	Calcium	42.5	mg/L	1.0	02/13/23 22:51	
EPA 6020B	Barium	0.15	mg/L	0.0050	02/14/23 15:02	
EPA 6020B	Boron	0.13	mg/L	0.040	02/14/23 15:02	
SM 2540C-2015	Total Dissolved Solids	239	mg/L	25.0	02/03/23 15:48	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	02/03/23 20:11	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	02/03/23 20:11	
EPA 300.0 Rev 2.1 1993	Sulfate	22.8	mg/L	1.0	02/03/23 20:11	
92649923014	HAM-GWC-20					
	Performed by	Client			02/15/23 11:28	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92649923014	HAM-GWC-20					
	Collected By	CC			02/15/23 11:28	
	Collected Date	1/31/23			02/15/23 11:28	
	Collected Time	10:50			02/15/23 11:28	
	pH	7.44	Std. Units		02/15/23 11:28	
EPA 6010D	Calcium	62.0	mg/L	1.0	02/13/23 22:56	
EPA 6020B	Barium	0.14	mg/L	0.0050	02/14/23 15:08	
EPA 6020B	Boron	0.015J	mg/L	0.040	02/14/23 15:08	
SM 2540C-2015	Total Dissolved Solids	329	mg/L	25.0	02/03/23 15:49	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	02/03/23 20:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.094J	mg/L	0.10	02/03/23 20:27	
EPA 300.0 Rev 2.1 1993	Sulfate	69.8	mg/L	1.0	02/03/23 20:27	
92649923015	HAM-GWC-21					
	Performed by	Client			02/15/23 11:29	
	Collected By	TK			02/15/23 11:29	
	Collected Date	1/31/23			02/15/23 11:29	
	Collected Time	12:16			02/15/23 11:29	
	pH	6.23	Std. Units		02/15/23 11:29	
EPA 6010D	Calcium	16.2	mg/L	1.0	02/13/23 23:01	
EPA 6020B	Barium	0.033	mg/L	0.0050	02/14/23 15:14	
EPA 6020B	Boron	0.013J	mg/L	0.040	02/14/23 15:14	
EPA 6020B	Cobalt	0.0020J	mg/L	0.0050	02/14/23 15:14	
EPA 6020B	Copper	0.0012J	mg/L	0.0050	02/14/23 15:14	
EPA 6020B	Nickel	0.0050J	mg/L	0.0050	02/14/23 15:14	
SM 2540C-2015	Total Dissolved Solids	76.0	mg/L	25.0	02/03/23 15:49	D6
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	02/03/23 20:43	
EPA 300.0 Rev 2.1 1993	Fluoride	0.062J	mg/L	0.10	02/03/23 20:43	
EPA 300.0 Rev 2.1 1993	Sulfate	12.4	mg/L	1.0	02/03/23 20:43	
92649923016	HAM-GWC-22					
	Performed by	Client			02/15/23 11:31	
	Collected By	TK			02/15/23 11:31	
	Collected Date	1/31/23			02/15/23 11:31	
	Collected Time	10:13			02/15/23 11:31	
	pH	7.67	Std. Units		02/15/23 11:31	
EPA 6010D	Calcium	43.8	mg/L	1.0	02/13/23 23:06	
EPA 6020B	Barium	0.090	mg/L	0.0050	02/14/23 15:35	
EPA 6020B	Boron	0.052	mg/L	0.040	02/14/23 15:35	
SM 2540C-2015	Total Dissolved Solids	221	mg/L	25.0	02/03/23 15:50	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	02/03/23 20:58	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	02/03/23 20:58	
EPA 300.0 Rev 2.1 1993	Sulfate	8.8	mg/L	1.0	02/03/23 20:58	
92649923017	HAM-GWC-23					
	Performed by	Client			02/15/23 11:32	
	Collected By	TK			02/15/23 11:32	
	Collected Date	1/31/23			02/15/23 11:32	
	Collected Time	13:43			02/15/23 11:32	
	pH	7.03	Std. Units		02/15/23 11:32	

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SUMMARY OF DETECTION

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92649923017	HAM-GWC-23					
EPA 6010D	Calcium	58.3	mg/L	1.0	02/13/23 23:10	
EPA 6020B	Barium	0.11	mg/L	0.0050	02/14/23 15:41	
EPA 6020B	Boron	0.060	mg/L	0.040	02/14/23 15:41	
SM 2540C-2015	Total Dissolved Solids	243	mg/L	25.0	02/03/23 15:50	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/03/23 21:14	
EPA 300.0 Rev 2.1 1993	Sulfate	19.5	mg/L	1.0	02/03/23 21:14	
92649923018	HAM-HLF-EB-05					
SM 2540C-2015	Total Dissolved Solids	76.0	mg/L	25.0	02/03/23 15:50	
92649923020	HAM-HLF-FD-05					
EPA 6010D	Calcium	44.8	mg/L	1.0	02/14/23 15:10	
EPA 6020B	Barium	0.16	mg/L	0.0050	02/14/23 15:59	
EPA 6020B	Boron	0.029J	mg/L	0.040	02/14/23 15:59	
SM 2540C-2015	Total Dissolved Solids	604	mg/L	25.0	02/02/23 20:29	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/04/23 00:10	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/04/23 00:10	
EPA 300.0 Rev 2.1 1993	Sulfate	12.9	mg/L	1.0	02/04/23 00:10	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWA-1 **Lab ID: 92649923001** Collected: 01/30/23 15:11 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:00		
Collected By	TK				1		02/15/23 11:00		
Collected Date	1/30/23				1		02/15/23 11:00		
Collected Time	15:11				1		02/15/23 11:00		
pH	7.22	Std. Units			1		02/15/23 11:00		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	15.8	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 21:30	7440-70-2	M1
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 13:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 13:21	7440-38-2	
Barium	0.037	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 13:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 13:21	7440-41-7	
Boron	0.026J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 13:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 13:21	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 13:21	7440-47-3	
Cobalt	0.00050J	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 13:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 13:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 13:21	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 13:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 13:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 13:21	7440-22-4	
Thallium	0.00022J	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 13:21	7440-28-0	
Vanadium	0.0022J	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 13:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 13:21	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	94.0	mg/L	25.0	25.0	1		02/02/23 20:27		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.1	mg/L	1.0	0.60	1		02/04/23 05:18	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/04/23 05:18	16984-48-8	
Sulfate	3.8	mg/L	1.0	0.50	1		02/04/23 05:18	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWA-2 **Lab ID: 92649923002** Collected: 01/30/23 13:48 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:01		
Collected By	TK				1		02/15/23 11:01		
Collected Date	1/30/23				1		02/15/23 11:01		
Collected Time	13:48				1		02/15/23 11:01		
pH	7.05	Std. Units			1		02/15/23 11:01		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	46.8	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 21:48	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 13:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 13:27	7440-38-2	
Barium	0.20	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 13:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 13:27	7440-41-7	
Boron	0.086	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 13:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 13:27	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 13:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 13:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 13:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 13:27	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 13:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 13:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 13:27	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 13:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 13:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 13:27	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	263	mg/L	25.0	25.0	1		02/02/23 20:27		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.2	mg/L	1.0	0.60	1		02/04/23 05:33	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/04/23 05:33	16984-48-8	
Sulfate	19.8	mg/L	1.0	0.50	1		02/04/23 05:33	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWA-3 **Lab ID: 92649923003** Collected: 01/30/23 11:59 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:06		
Collected By	TK				1		02/15/23 11:06		
Collected Date	1/30/23				1		02/15/23 11:06		
Collected Time	11:59				1		02/15/23 11:06		
pH	6.82	Std. Units			1		02/15/23 11:06		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	53.1	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 21:53	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 13:33	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 13:33	7440-38-2	
Barium	0.070	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 13:33	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 13:33	7440-41-7	
Boron	0.094	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 13:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 13:33	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 13:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 13:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 13:33	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 13:33	7439-92-1	
Nickel	0.00082J	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 13:33	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 13:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 13:33	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 13:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 13:33	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 13:33	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	367	mg/L	25.0	25.0	1		02/02/23 20:27		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.2	mg/L	1.0	0.60	1		02/04/23 05:47	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		02/04/23 05:47	16984-48-8	
Sulfate	78.4	mg/L	1.0	0.50	1		02/04/23 05:47	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWA-4 **Lab ID: 92649923004** Collected: 01/30/23 10:37 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:06		
Collected By	TK				1		02/15/23 11:06		
Collected Date	1/30/23				1		02/15/23 11:06		
Collected Time	10:37				1		02/15/23 11:06		
pH	6.94	Std. Units			1		02/15/23 11:06		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	73.6	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 21:58	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 13:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 13:39	7440-38-2	
Barium	0.037	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 13:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 13:39	7440-41-7	
Boron	0.058	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 13:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 13:39	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 13:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 13:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 13:39	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 13:39	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 13:39	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 13:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 13:39	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 13:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 13:39	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 13:39	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	459	mg/L	25.0	25.0	1		02/02/23 20:27		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	3.4	mg/L	1.0	0.60	1		02/04/23 06:02	16887-00-6	
Fluoride	0.12	mg/L	0.10	0.050	1		02/04/23 06:02	16984-48-8	
Sulfate	156	mg/L	3.0	1.5	3		02/04/23 16:24	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWA-11 **Lab ID: 92649923005** Collected: 01/30/23 16:30 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:07		
Collected By	TK				1		02/15/23 11:07		
Collected Date	1/30/23				1		02/15/23 11:07		
Collected Time	16:30				1		02/15/23 11:07		
pH	7.00	Std. Units			1		02/15/23 11:07		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	20.4	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:03	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 13:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 13:45	7440-38-2	
Barium	0.030	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 13:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 13:45	7440-41-7	
Boron	0.038J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 13:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 13:45	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 13:45	7440-47-3	
Cobalt	0.00043J	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 13:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 13:45	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 13:45	7439-92-1	
Nickel	0.0017J	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 13:45	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 13:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 13:45	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 13:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 13:45	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 13:45	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	130	mg/L	25.0	25.0	1		02/02/23 20:27		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.2	mg/L	1.0	0.60	1		02/04/23 06:17	16887-00-6	
Fluoride	0.090J	mg/L	0.10	0.050	1		02/04/23 06:17	16984-48-8	
Sulfate	9.5	mg/L	1.0	0.50	1		02/04/23 06:17	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-10 **Lab ID: 92649923006** Collected: 01/30/23 18:11 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:08		
Collected By	TK				1		02/15/23 11:08		
Collected Date	1/30/23				1		02/15/23 11:08		
Collected Time	18:11				1		02/15/23 11:08		
pH	7.60	Std. Units			1		02/15/23 11:08		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	43.7	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:08	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:21	7440-38-2	
Barium	0.17	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:21	7440-41-7	
Boron	0.038J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:21	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:21	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:21	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:21	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:21	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:21	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	190	mg/L	25.0	25.0	1		02/02/23 20:28		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.3	mg/L	1.0	0.60	1		02/04/23 07:17	16887-00-6	
Fluoride	0.096J	mg/L	0.10	0.050	1		02/04/23 07:17	16984-48-8	
Sulfate	11.5	mg/L	1.0	0.50	1		02/04/23 07:17	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-5 **Lab ID: 92649923007** Collected: 01/31/23 13:20 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:09		
Collected By	CC				1		02/15/23 11:09		
Collected Date	1/31/23				1		02/15/23 11:09		
Collected Time	13:20				1		02/15/23 11:09		
pH	5.96	Std. Units			1		02/15/23 11:09		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	75.5	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:13	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:27	7440-38-2	
Barium	0.064	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:27	7440-41-7	
Boron	0.043	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:27	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:27	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:27	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:27	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:27	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:27	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	385	mg/L	25.0	25.0	1		02/03/23 15:47		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	2.1	mg/L	1.0	0.60	1		02/04/23 07:32	16887-00-6	
Fluoride	0.074J	mg/L	0.10	0.050	1		02/04/23 07:32	16984-48-8	
Sulfate	90.6	mg/L	1.0	0.50	1		02/04/23 07:32	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-GWC-6 **Lab ID: 92649923008** Collected: 01/31/23 15:20 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:10		
Collected By	CC				1		02/15/23 11:10		
Collected Date	1/31/23				1		02/15/23 11:10		
Collected Time	15:20				1		02/15/23 11:10		
pH	7.24	Std. Units			1		02/15/23 11:10		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	62.5	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:27	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:32	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:32	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:32	7440-41-7	
Boron	0.037J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:32	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:32	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:32	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:32	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:32	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:32	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:32	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:32	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	335	mg/L	25.0	25.0	1		02/03/23 15:48		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.7	mg/L	1.0	0.60	1		02/03/23 17:47	16887-00-6	
Fluoride	0.098J	mg/L	0.10	0.050	1		02/03/23 17:47	16984-48-8	
Sulfate	95.7	mg/L	2.0	1.0	2		02/04/23 11:21	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-7 **Lab ID: 92649923009** Collected: 01/31/23 14:29 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:10		
Collected By	AS				1		02/15/23 11:10		
Collected Date	1/31/23				1		02/15/23 11:10		
Collected Time	14:29				1		02/15/23 11:10		
pH	5.84	Std. Units			1		02/15/23 11:10		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	19.0	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:32	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:38	7440-36-0	
Arsenic	0.0028J	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:38	7440-38-2	
Barium	0.047	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:38	7440-39-3	
Beryllium	0.00021J	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:38	7440-41-7	
Boron	0.025J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:38	7440-47-3	
Cobalt	0.031	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:38	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:38	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:38	7439-92-1	
Nickel	0.11	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:38	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:38	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:38	7440-62-2	
Zinc	0.19	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:38	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	223	mg/L	25.0	25.0	1		02/03/23 15:48		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.7	mg/L	1.0	0.60	1		02/03/23 18:35	16887-00-6	
Fluoride	0.26	mg/L	0.10	0.050	1		02/03/23 18:35	16984-48-8	
Sulfate	118	mg/L	3.0	1.5	3		02/04/23 12:38	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-GWC-8 **Lab ID: 92649923010** Collected: 01/31/23 16:02 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:11		
Collected By	AS				1		02/15/23 11:11		
Collected Date	1/31/23				1		02/15/23 11:11		
Collected Time	16:02				1		02/15/23 11:11		
pH	7.09	Std. Units			1		02/15/23 11:11		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	69.2	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:37	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:44	7440-38-2	
Barium	0.12	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:44	7440-41-7	
Boron	0.029J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:44	7440-47-3	
Cobalt	0.00055J	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:44	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:44	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:44	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:44	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:44	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:44	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:44	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:44	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	284	mg/L	25.0	25.0	1		02/03/23 15:48		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.6	mg/L	1.0	0.60	1		02/03/23 18:51	16887-00-6	
Fluoride	0.18	mg/L	0.10	0.050	1		02/03/23 18:51	16984-48-8	
Sulfate	31.3	mg/L	1.0	0.50	1		02/03/23 18:51	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-9 **Lab ID: 92649923011** Collected: 01/31/23 11:34 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:11		
Collected By	AS				1		02/15/23 11:11		
Collected Date	1/31/23				1		02/15/23 11:11		
Collected Time	11:34				1		02/15/23 11:11		
pH	6.74	Std. Units			1		02/15/23 11:11		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	34.1	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:42	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:50	7440-38-2	
Barium	0.064	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:50	7440-41-7	
Boron	0.012J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:50	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:50	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:50	7439-92-1	
Nickel	0.0020J	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:50	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:50	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:50	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:50	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	216	mg/L	25.0	25.0	1		02/03/23 15:48		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	0.72J	mg/L	1.0	0.60	1		02/03/23 19:07	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/03/23 19:07	16984-48-8	
Sulfate	70.0	mg/L	1.0	0.50	1		02/03/23 19:07	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-18 **Lab ID: 92649923012** Collected: 01/31/23 10:11 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:12		
Collected By	AS				1		02/15/23 11:12		
Collected Date	1/31/23				1		02/15/23 11:12		
Collected Time	10:11				1		02/15/23 11:12		
pH	7.56	Std. Units			1		02/15/23 11:12		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	40.4	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:46	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 14:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 14:56	7440-38-2	
Barium	0.077	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 14:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 14:56	7440-41-7	
Boron	0.12	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 14:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 14:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 14:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 14:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 14:56	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 14:56	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 14:56	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 14:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 14:56	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 14:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 14:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 14:56	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	284	mg/L	25.0	25.0	1		02/03/23 15:48		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	0.80J	mg/L	1.0	0.60	1		02/03/23 19:23	16887-00-6	
Fluoride	0.15	mg/L	0.10	0.050	1		02/03/23 19:23	16984-48-8	
Sulfate	8.4	mg/L	1.0	0.50	1		02/03/23 19:23	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-GWC-19 **Lab ID: 92649923013** Collected: 01/31/23 14:44 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
Field Data									
Analytical Method: Pace Analytical Services - Charlotte									
Performed by	Client				1		02/15/23 11:12		
Collected By	TK				1		02/15/23 11:12		
Collected Date	1/31/23				1		02/15/23 11:12		
Collected Time	14:44				1		02/15/23 11:12		
pH	7.65	Std. Units			1		02/15/23 11:12		
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	42.5	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:51	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:02	7440-38-2	
Barium	0.15	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:02	7440-41-7	
Boron	0.13	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:02	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:02	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:02	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:02	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:02	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:02	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:02	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:02	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	239	mg/L	25.0	25.0	1		02/03/23 15:48		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.2	mg/L	1.0	0.60	1		02/03/23 20:11	16887-00-6	
Fluoride	0.14	mg/L	0.10	0.050	1		02/03/23 20:11	16984-48-8	
Sulfate	22.8	mg/L	1.0	0.50	1		02/03/23 20:11	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-20 **Lab ID: 92649923014** Collected: 01/31/23 10:50 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:28		
Collected By	CC				1		02/15/23 11:28		
Collected Date	1/31/23				1		02/15/23 11:28		
Collected Time	10:50				1		02/15/23 11:28		
pH	7.44	Std. Units			1		02/15/23 11:28		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	62.0	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 22:56	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:08	7440-38-2	
Barium	0.14	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:08	7440-41-7	
Boron	0.015J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:08	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:08	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:08	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:08	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:08	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:08	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:08	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	329	mg/L	25.0	25.0	1		02/03/23 15:49		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.1	mg/L	1.0	0.60	1		02/03/23 20:27	16887-00-6	
Fluoride	0.094J	mg/L	0.10	0.050	1		02/03/23 20:27	16984-48-8	
Sulfate	69.8	mg/L	1.0	0.50	1		02/03/23 20:27	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-21 **Lab ID: 92649923015** Collected: 01/31/23 12:16 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:29		
Collected By	TK				1		02/15/23 11:29		
Collected Date	1/31/23				1		02/15/23 11:29		
Collected Time	12:16				1		02/15/23 11:29		
pH	6.23	Std. Units			1		02/15/23 11:29		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	16.2	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 23:01	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:14	7440-38-2	
Barium	0.033	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:14	7440-41-7	
Boron	0.013J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:14	7440-47-3	
Cobalt	0.0020J	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:14	7440-48-4	
Copper	0.0012J	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:14	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:14	7439-92-1	
Nickel	0.0050J	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:14	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:14	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:14	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	76.0	mg/L	25.0	25.0	1		02/03/23 15:49		D6
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.5	mg/L	1.0	0.60	1		02/03/23 20:43	16887-00-6	
Fluoride	0.062J	mg/L	0.10	0.050	1		02/03/23 20:43	16984-48-8	
Sulfate	12.4	mg/L	1.0	0.50	1		02/03/23 20:43	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-GWC-22 **Lab ID: 92649923016** Collected: 01/31/23 10:13 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:31		
Collected By	TK				1		02/15/23 11:31		
Collected Date	1/31/23				1		02/15/23 11:31		
Collected Time	10:13				1		02/15/23 11:31		
pH	7.67	Std. Units			1		02/15/23 11:31		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	43.8	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 23:06	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:35	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:35	7440-38-2	
Barium	0.090	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:35	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:35	7440-41-7	
Boron	0.052	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:35	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:35	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:35	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:35	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:35	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:35	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:35	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:35	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:35	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:35	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:35	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	221	mg/L	25.0	25.0	1		02/03/23 15:50		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	1.0	mg/L	1.0	0.60	1		02/03/23 20:58	16887-00-6	
Fluoride	0.095J	mg/L	0.10	0.050	1		02/03/23 20:58	16984-48-8	
Sulfate	8.8	mg/L	1.0	0.50	1		02/03/23 20:58	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Sample: HAM-GWC-23 **Lab ID: 92649923017** Collected: 01/31/23 13:43 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data

Analytical Method:
Pace Analytical Services - Charlotte

Performed by	Client				1		02/15/23 11:32		
Collected By	TK				1		02/15/23 11:32		
Collected Date	1/31/23				1		02/15/23 11:32		
Collected Time	13:43				1		02/15/23 11:32		
pH	7.03	Std. Units			1		02/15/23 11:32		

6010D ATL ICP

Analytical Method: EPA 6010D Preparation Method: EPA 3010A
Pace Analytical Services - Peachtree Corners, GA

Calcium	58.3	mg/L	1.0	0.12	1	02/09/23 11:50	02/13/23 23:10	7440-70-2	
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6020 MET ICPMS

Analytical Method: EPA 6020B Preparation Method: EPA 3005A
Pace Analytical Services - Peachtree Corners, GA

Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:41	7440-38-2	
Barium	0.11	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:41	7440-41-7	
Boron	0.060	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:41	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:41	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:41	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:41	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:41	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:41	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:41	7440-66-6	

2540C Total Dissolved Solids

Analytical Method: SM 2540C-2015
Pace Analytical Services - Peachtree Corners, GA

Total Dissolved Solids	243	mg/L	25.0	25.0	1		02/03/23 15:50		
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300.0 IC Anions 28 Days

Analytical Method: EPA 300.0 Rev 2.1 1993
Pace Analytical Services - Asheville

Chloride	ND	mg/L	1.0	0.60	1		02/03/23 21:14	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/03/23 21:14	16984-48-8	
Sulfate	19.5	mg/L	1.0	0.50	1		02/03/23 21:14	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-EB-05 **Lab ID: 92649923018** Collected: 01/31/23 16:05 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	ND	mg/L	1.0	0.12	1	02/09/23 11:50	02/14/23 15:00	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:47	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:47	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:47	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:47	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:47	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:47	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:47	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:47	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:47	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:47	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:47	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	76.0	mg/L	25.0	25.0	1		02/03/23 15:50		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/03/23 21:30	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/03/23 21:30	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/03/23 21:30	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-FB-05 **Lab ID: 92649923019** Collected: 01/31/23 16:10 Received: 02/01/23 12:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	ND	mg/L	1.0	0.12	1	02/09/23 11:50	02/14/23 15:05	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:53	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:53	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:53	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:53	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:53	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:53	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:53	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:53	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:53	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:53	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/03/23 15:50		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	ND	mg/L	1.0	0.60	1		02/03/23 22:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/03/23 22:18	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/03/23 22:18	14808-79-8	

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ANALYTICAL RESULTS

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Sample: HAM-HLF-FD-05 **Lab ID: 92649923020** Collected: 01/30/23 00:00 Received: 02/01/23 12:46 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010D ATL ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA									
Calcium	44.8	mg/L	1.0	0.12	1	02/09/23 11:50	02/14/23 15:10	7440-70-2	
6020 MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	02/13/23 17:11	02/14/23 15:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	02/13/23 17:11	02/14/23 15:59	7440-38-2	
Barium	0.16	mg/L	0.0050	0.00067	1	02/13/23 17:11	02/14/23 15:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	02/13/23 17:11	02/14/23 15:59	7440-41-7	
Boron	0.029J	mg/L	0.040	0.0086	1	02/13/23 17:11	02/14/23 15:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	02/13/23 17:11	02/14/23 15:59	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	02/13/23 17:11	02/14/23 15:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	02/13/23 17:11	02/14/23 15:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.0010	1	02/13/23 17:11	02/14/23 15:59	7440-50-8	
Lead	ND	mg/L	0.0010	0.00089	1	02/13/23 17:11	02/14/23 15:59	7439-92-1	
Nickel	ND	mg/L	0.0050	0.00071	1	02/13/23 17:11	02/14/23 15:59	7440-02-0	
Selenium	ND	mg/L	0.0050	0.0014	1	02/13/23 17:11	02/14/23 15:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00044	1	02/13/23 17:11	02/14/23 15:59	7440-22-4	
Thallium	ND	mg/L	0.0010	0.00018	1	02/13/23 17:11	02/14/23 15:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	02/13/23 17:11	02/14/23 15:59	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	02/13/23 17:11	02/14/23 15:59	7440-66-6	
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2015 Pace Analytical Services - Peachtree Corners, GA									
Total Dissolved Solids	604	mg/L	25.0	25.0	1		02/02/23 20:29		
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Chloride	1.3	mg/L	1.0	0.60	1		02/04/23 00:10	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		02/04/23 00:10	16984-48-8	
Sulfate	12.9	mg/L	1.0	0.50	1		02/04/23 00:10	14808-79-8	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92649923

QC Batch:	754274	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010D ATL
		Laboratory:	Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

METHOD BLANK: 3918393 Matrix: Water
Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	02/13/23 21:10	

LABORATORY CONTROL SAMPLE: 3918394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	0.95J	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3918395 3918396

Parameter	Units	92649923001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	15.8	1	1	16.5	16.4	77	63	75-125	1	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92649923

QC Batch: 755529 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

METHOD BLANK: 3925554 Matrix: Water
Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	0.00086J	0.0030	0.00078	02/14/23 13:09	
Arsenic	mg/L	ND	0.0050	0.0022	02/14/23 13:09	
Barium	mg/L	ND	0.0050	0.00067	02/14/23 13:09	
Beryllium	mg/L	ND	0.00050	0.000054	02/14/23 13:09	
Boron	mg/L	ND	0.040	0.0086	02/14/23 13:09	
Cadmium	mg/L	ND	0.00050	0.00011	02/14/23 13:09	
Chromium	mg/L	ND	0.0050	0.0011	02/14/23 13:09	
Cobalt	mg/L	ND	0.0050	0.00039	02/14/23 13:09	
Copper	mg/L	ND	0.0050	0.0010	02/14/23 13:09	
Lead	mg/L	ND	0.0010	0.00089	02/14/23 13:09	
Nickel	mg/L	ND	0.0050	0.00071	02/14/23 13:09	
Selenium	mg/L	ND	0.0050	0.0014	02/14/23 13:09	
Silver	mg/L	ND	0.0050	0.00044	02/14/23 13:09	
Thallium	mg/L	ND	0.0010	0.00018	02/14/23 13:09	
Vanadium	mg/L	ND	0.010	0.0019	02/14/23 13:09	
Zinc	mg/L	ND	0.010	0.0070	02/14/23 13:09	

LABORATORY CONTROL SAMPLE: 3925555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.11	105	80-120	
Arsenic	mg/L	0.1	0.097	97	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.098	98	80-120	
Boron	mg/L	1	0.96	96	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Chromium	mg/L	0.1	0.099	99	80-120	
Cobalt	mg/L	0.1	0.097	97	80-120	
Copper	mg/L	0.1	0.098	98	80-120	
Lead	mg/L	0.1	0.10	101	80-120	
Nickel	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.097	97	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.10	101	80-120	
Vanadium	mg/L	0.1	0.099	99	80-120	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92649923

LABORATORY CONTROL SAMPLE: 3925555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Zinc	mg/L	0.1	0.099	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3925556 3925557

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92649923005 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	107	109	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.098	0.10	97	99	75-125	2	20	
Barium	mg/L	0.030	0.1	0.1	0.13	0.13	98	100	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	2	20	
Boron	mg/L	0.038J	1	1	0.97	1.0	93	96	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Chromium	mg/L	ND	0.1	0.1	0.094	0.095	94	94	75-125	0	20	
Cobalt	mg/L	0.00043J	0.1	0.1	0.095	0.095	94	95	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.094	0.094	94	94	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	1	20	
Nickel	mg/L	0.0017J	0.1	0.1	0.096	0.098	94	96	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.098	98	98	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.095	0.097	95	97	75-125	3	20	
Zinc	mg/L	ND	0.1	0.1	0.097	0.098	96	98	75-125	2	20	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92649923

QC Batch: 753440 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923020

METHOD BLANK: 3914565 Matrix: Water
 Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/02/23 20:25	

LABORATORY CONTROL SAMPLE: 3914566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	391	98	80-120	

SAMPLE DUPLICATE: 3914567

Parameter	Units	92649235027 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1280	1300	1	10	

SAMPLE DUPLICATE: 3914568

Parameter	Units	92649923004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	459	505	10	10	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill

Pace Project No.: 92649923

QC Batch: 753740 Analysis Method: SM 2540C-2015
 QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids
 Laboratory: Pace Analytical Services - Peachtree Corners, GA
 Associated Lab Samples: 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019

METHOD BLANK: 3916052 Matrix: Water
 Associated Lab Samples: 92649923007, 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/03/23 15:47	

LABORATORY CONTROL SAMPLE: 3916053

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	413	103	80-120	

SAMPLE DUPLICATE: 3916054

Parameter	Units	92649885002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	78.0	76.0	3	10	

SAMPLE DUPLICATE: 3916055

Parameter	Units	92649923015 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	76.0	103	30	10 D6	

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92649923

QC Batch: 753661 Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007

METHOD BLANK: 3915752 Matrix: Water
Associated Lab Samples: 92649923001, 92649923002, 92649923003, 92649923004, 92649923005, 92649923006, 92649923007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/03/23 23:05	
Fluoride	mg/L	ND	0.10	0.050	02/03/23 23:05	
Sulfate	mg/L	ND	1.0	0.50	02/03/23 23:05	

LABORATORY CONTROL SAMPLE: 3915753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.7	101	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3915754 3915755

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92649698004	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	4.9	50	50	54.7	55.5	100	101	90-110	2	10		
Fluoride	mg/L	0.15	2.5	2.5	2.6	2.6	97	98	90-110	1	10		
Sulfate	mg/L	153	50	50	199	199	91	91	90-110	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3915756 3915757

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92649698014	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	8.4	50	50	57.9	57.8	99	99	90-110	0	10		
Fluoride	mg/L	1.2	2.5	2.5	3.7	3.7	101	101	90-110	0	10		
Sulfate	mg/L	108	50	50	155	158	95	101	90-110	2	10		

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QUALITY CONTROL DATA

Project: Huffaker Road Landfill
Pace Project No.: 92649923

QC Batch: 753665 Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

METHOD BLANK: 3915765 Matrix: Water
Associated Lab Samples: 92649923008, 92649923009, 92649923010, 92649923011, 92649923012, 92649923013, 92649923014, 92649923015, 92649923016, 92649923017, 92649923018, 92649923019, 92649923020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/03/23 16:59	
Fluoride	mg/L	ND	0.10	0.050	02/03/23 16:59	
Sulfate	mg/L	ND	1.0	0.50	02/03/23 16:59	

LABORATORY CONTROL SAMPLE: 3915766

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.2	98	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	49.4	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3915767 3915768

Parameter	Units	92649923008		3915768		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	1.7	50	50	52.1	53.0	101	103	90-110	2	10
Fluoride	mg/L	0.098J	2.5	2.5	2.7	2.7	103	105	90-110	2	10
Sulfate	mg/L	95.7	50	50	142	144	92	97	90-110	2	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3915769 3915770

Parameter	Units	92649923018		3915770		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	ND	50	50	50.3	51.2	101	102	90-110	2	10
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	104	103	90-110	1	10
Sulfate	mg/L	ND	50	50	50.5	51.3	101	103	90-110	2	10

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QUALIFIERS

Project: Huffaker Road Landfill

Pace Project No.: 92649923

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill
Pace Project No.: 92649923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92649923001	HAM-GWA-1				
92649923002	HAM-GWA-2				
92649923003	HAM-GWA-3				
92649923004	HAM-GWA-4				
92649923005	HAM-GWA-11				
92649923006	HAM-GWC-10				
92649923007	HAM-GWC-5				
92649923008	HAM-HLF-GWC-6				
92649923009	HAM-GWC-7				
92649923010	HAM-HLF-GWC-8				
92649923011	HAM-GWC-9				
92649923012	HAM-GWC-18				
92649923013	HAM-HLF-GWC-19				
92649923014	HAM-GWC-20				
92649923015	HAM-GWC-21				
92649923016	HAM-GWC-22				
92649923017	HAM-GWC-23				
92649923001	HAM-GWA-1	EPA 3010A	754274	EPA 6010D	754977
92649923002	HAM-GWA-2	EPA 3010A	754274	EPA 6010D	754977
92649923003	HAM-GWA-3	EPA 3010A	754274	EPA 6010D	754977
92649923004	HAM-GWA-4	EPA 3010A	754274	EPA 6010D	754977
92649923005	HAM-GWA-11	EPA 3010A	754274	EPA 6010D	754977
92649923006	HAM-GWC-10	EPA 3010A	754274	EPA 6010D	754977
92649923007	HAM-GWC-5	EPA 3010A	754274	EPA 6010D	754977
92649923008	HAM-HLF-GWC-6	EPA 3010A	754274	EPA 6010D	754977
92649923009	HAM-GWC-7	EPA 3010A	754274	EPA 6010D	754977
92649923010	HAM-HLF-GWC-8	EPA 3010A	754274	EPA 6010D	754977
92649923011	HAM-GWC-9	EPA 3010A	754274	EPA 6010D	754977
92649923012	HAM-GWC-18	EPA 3010A	754274	EPA 6010D	754977
92649923013	HAM-HLF-GWC-19	EPA 3010A	754274	EPA 6010D	754977
92649923014	HAM-GWC-20	EPA 3010A	754274	EPA 6010D	754977
92649923015	HAM-GWC-21	EPA 3010A	754274	EPA 6010D	754977
92649923016	HAM-GWC-22	EPA 3010A	754274	EPA 6010D	754977
92649923017	HAM-GWC-23	EPA 3010A	754274	EPA 6010D	754977
92649923018	HAM-HLF-EB-05	EPA 3010A	754274	EPA 6010D	754977
92649923019	HAM-HLF-FB-05	EPA 3010A	754274	EPA 6010D	754977
92649923020	HAM-HLF-FD-05	EPA 3010A	754274	EPA 6010D	754977
92649923001	HAM-GWA-1	EPA 3005A	755529	EPA 6020B	755681
92649923002	HAM-GWA-2	EPA 3005A	755529	EPA 6020B	755681
92649923003	HAM-GWA-3	EPA 3005A	755529	EPA 6020B	755681
92649923004	HAM-GWA-4	EPA 3005A	755529	EPA 6020B	755681
92649923005	HAM-GWA-11	EPA 3005A	755529	EPA 6020B	755681
92649923006	HAM-GWC-10	EPA 3005A	755529	EPA 6020B	755681
92649923007	HAM-GWC-5	EPA 3005A	755529	EPA 6020B	755681
92649923008	HAM-HLF-GWC-6	EPA 3005A	755529	EPA 6020B	755681
92649923009	HAM-GWC-7	EPA 3005A	755529	EPA 6020B	755681
92649923010	HAM-HLF-GWC-8	EPA 3005A	755529	EPA 6020B	755681
92649923011	HAM-GWC-9	EPA 3005A	755529	EPA 6020B	755681

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92649923012	HAM-GWC-18	EPA 3005A	755529	EPA 6020B	755681
92649923013	HAM-HLF-GWC-19	EPA 3005A	755529	EPA 6020B	755681
92649923014	HAM-GWC-20	EPA 3005A	755529	EPA 6020B	755681
92649923015	HAM-GWC-21	EPA 3005A	755529	EPA 6020B	755681
92649923016	HAM-GWC-22	EPA 3005A	755529	EPA 6020B	755681
92649923017	HAM-GWC-23	EPA 3005A	755529	EPA 6020B	755681
92649923018	HAM-HLF-EB-05	EPA 3005A	755529	EPA 6020B	755681
92649923019	HAM-HLF-FB-05	EPA 3005A	755529	EPA 6020B	755681
92649923020	HAM-HLF-FD-05	EPA 3005A	755529	EPA 6020B	755681
92649923001	HAM-GWA-1	SM 2540C-2015	753440		
92649923002	HAM-GWA-2	SM 2540C-2015	753440		
92649923003	HAM-GWA-3	SM 2540C-2015	753440		
92649923004	HAM-GWA-4	SM 2540C-2015	753440		
92649923005	HAM-GWA-11	SM 2540C-2015	753440		
92649923006	HAM-GWC-10	SM 2540C-2015	753440		
92649923007	HAM-GWC-5	SM 2540C-2015	753740		
92649923008	HAM-HLF-GWC-6	SM 2540C-2015	753740		
92649923009	HAM-GWC-7	SM 2540C-2015	753740		
92649923010	HAM-HLF-GWC-8	SM 2540C-2015	753740		
92649923011	HAM-GWC-9	SM 2540C-2015	753740		
92649923012	HAM-GWC-18	SM 2540C-2015	753740		
92649923013	HAM-HLF-GWC-19	SM 2540C-2015	753740		
92649923014	HAM-GWC-20	SM 2540C-2015	753740		
92649923015	HAM-GWC-21	SM 2540C-2015	753740		
92649923016	HAM-GWC-22	SM 2540C-2015	753740		
92649923017	HAM-GWC-23	SM 2540C-2015	753740		
92649923018	HAM-HLF-EB-05	SM 2540C-2015	753740		
92649923019	HAM-HLF-FB-05	SM 2540C-2015	753740		
92649923020	HAM-HLF-FD-05	SM 2540C-2015	753440		
92649923001	HAM-GWA-1	EPA 300.0 Rev 2.1 1993	753661		
92649923002	HAM-GWA-2	EPA 300.0 Rev 2.1 1993	753661		
92649923003	HAM-GWA-3	EPA 300.0 Rev 2.1 1993	753661		
92649923004	HAM-GWA-4	EPA 300.0 Rev 2.1 1993	753661		
92649923005	HAM-GWA-11	EPA 300.0 Rev 2.1 1993	753661		
92649923006	HAM-GWC-10	EPA 300.0 Rev 2.1 1993	753661		
92649923007	HAM-GWC-5	EPA 300.0 Rev 2.1 1993	753661		
92649923008	HAM-HLF-GWC-6	EPA 300.0 Rev 2.1 1993	753665		
92649923009	HAM-GWC-7	EPA 300.0 Rev 2.1 1993	753665		
92649923010	HAM-HLF-GWC-8	EPA 300.0 Rev 2.1 1993	753665		
92649923011	HAM-GWC-9	EPA 300.0 Rev 2.1 1993	753665		
92649923012	HAM-GWC-18	EPA 300.0 Rev 2.1 1993	753665		
92649923013	HAM-HLF-GWC-19	EPA 300.0 Rev 2.1 1993	753665		
92649923014	HAM-GWC-20	EPA 300.0 Rev 2.1 1993	753665		
92649923015	HAM-GWC-21	EPA 300.0 Rev 2.1 1993	753665		
92649923016	HAM-GWC-22	EPA 300.0 Rev 2.1 1993	753665		
92649923017	HAM-GWC-23	EPA 300.0 Rev 2.1 1993	753665		

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Huffaker Road Landfill

Pace Project No.: 92649923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92649923018	HAM-HLF-EB-05	EPA 300.0 Rev 2.1 1993	753665		
92649923019	HAM-HLF-FB-05	EPA 300.0 Rev 2.1 1993	753665		
92649923020	HAM-HLF-FD-05	EPA 300.0 Rev 2.1 1993	753665		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

GA Power

Project #:

WO#: 92649923

Courier: Commercial Fed Ex Pace UPS USPS Other Client



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 2/11/23

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?

Yes No N/A

Thermometer:

IR Gun ID:

230

Type of Ice:

Wet Blue None

Cooler Temp:

2.8

Correction Factor: Add/Subtract (°C)

0.0

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

2.8

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

Comments/Discrepancy:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix:	W	
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



DC#_ Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92649923

PM: BV

Due Date: 02/15/23

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-1.25 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

GA Power

Project #:

WO#: 92649923

Courier: Fed Ex UPS USPS Client Commercial Pace Other: _____

PM: BV Due Date: 02/15/23
CLIENT: GA-GA Power

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 2/11/23
CJA

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer:

IR Gun ID:

230

Type of Ice:

Wet Blue None

Cooler Temp:

2.8

Correction Factor: Add/Subtract (°C)

0.0

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

2.8

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9. Sample HAM-HLF-F005 present but not listed on COC 1/30/23 @ 0000
-Includes Date/Time/ID/Analysis Matrix:	W	
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted:

Date/Time:

Project Manager SCURF Review:

Date:

Project Manager SRF Review:

Date:



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

WO# : 92649923

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

PM: BV

Due Date: 02/15/23

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LUHg

CLIENT: GA-GA Power

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

WO# : 92649923

PM: BV

Due Date: 02/15/23

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: GA Power	Report To: SCS Contacts	Attention: Southern Co.		Company Name:	
Address: Atlanta, GA	Copy To: Geosyntec Contacts	Address:		REGULATORY AGENCY	
Email To: SCS Contacts	Purchase Order No.:	Pace Quote Reference:		<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> OTHER CCR—	
Phone:	Fax:	Project Name: Huffaker Road Landfill	Pace Project Manager: Bonnie Vang		Site Location: GA
Requested Due Date/TAT: 70 Day	Project Number:	Pace Profile #: 10839		STATE: GA	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)			
				COMPOSITE		COMPOSITE				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other				Chlorine, Fluoride, Sulfide	TDS	Sb, As, Ba, Bi, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Ti, V, Zn
				DATE	TIME	DATE	TIME																
1	HAM-GWA-1	WG	G	1/30/2023	1511			15	3	2	1						X	X	X	X	N	pH = 7.22 001	
2	HAM-GWA-2	WG	G	1/30/2023	1348			15	3	2	1						X	X	X	X	N	pH = 7.05 002	
3	HAM-GWA-3	WG	G	1/30/2023	1159			15	3	2	1						X	X	X	X	N	pH = 6.82 003	
4	HAM-GWA-4	WG	G	1/30/2023	1037			15	3	2	1						X	X	X	X	N	pH = 6.94 004	
6	HAM-GWA-11	WG	G	1/30/2023	1630			15	3	2	1						X	X	X	X	N	pH = 7.00 005	
6	HAM-GWC-10	WG	G	1/30/2023	1811			15	3	2	1						X	X	X	X	N	pH = 7.60 006	
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Task Code: HAM-CCR-ASSMT-2023S1	Thomas Kuster / Geosyntec	1/17/2023	1747	Ryan William / Pace	2/1/2023	1245	
	Ryan William / Pace	2/1/2023	1436	Charles Kuster	2/1/23	1435	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Cooling / Sealed Cooler (Y/N)	Sample Intact (Y/N)
PRINT Name of SAMPLER:	MONEY KESTER				
SIGNATURE of SAMPLER:	<i>[Signature]</i>				
	/ Geosyntec Consultants, Inc.				
	DATE Signed (MM/DD/YYYY):				
	01/30/2023				

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone:
Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information:

Report To: SCS Contacts
Copy To: Geosyntec Contacts
Purchase Order No.:
Project Name: Huffaker Road Landfill
Project Number:
Requested Due Date/TAT: 10 Day

Section C Invoice Information:

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Bonnie Veng
Pace Profile #: 10839

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER CCR

Site Location

STATE: GA

ITEM #	Section B Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISUE TQ	MATRIX CODE (see valid codes to list)	SAMPLE TYPE (G=GRAB C=COMPT)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)																			
					COMPOSITE		COMPOSITE				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈				Methanol	Other	Chloride	Fluoride	Sulfate														
					DATE	TIME	DATE	TIME																	Y/N	N	N	N	N	N	N	N	N					
1	HAM-GWC-5					1/31/2023	1320		15	3	2	1					X	X	X	X																	N	pH = 6.96 007
2	HAM-GWC-6					1/31/2023	1520		17	3	2	1					X	X	X	X																N	pH = 7.24 008	
3	HAM-GWC-7					1/31/2023	1429		17	3	2	1					X	X	X	X																N	pH = 5.84 009	
4	HAM-GWC-8					1/31/2023	1602		18	3	2	1					X	X	X	X																N	pH = 7.09 010	
5	HAM-GWC-9					1/31/2023	1134		18	3	2	1					X	X	X	X																N	pH = 6.74 011	
6	HAM-GWC-18					1/31/2023	1011		18	3	2	1					X	X	X	X																	N	pH = 7.56 012
7	HAM-GWC-19					1/31/2023	1444		16	3	2	1					X	X	X	X																	N	pH = 7.65 013
8	HAM-GWC-20					1/31/2023	1050		14	3	2	1					X	X	X	X																	N	pH = 7.44 014
9	HAM-GWC-21					1/31/2023	1216		12	3	2	1					X	X	X	X																	N	pH = 8.23 015
10	HAM-GWC-22					1/31/2023	1013		14	3	2	1					X	X	X	X																	N	pH = 7.67 016
11	HAM-GWC-23					1/31/2023	1343		16	3	2	1					X	X	X	X																	N	pH = 7.03 017
12	HAM-HUF-EB-05					1/31/2023	1605	TJ 1/31/2023	15	3	2	1					X	X	X	X																	N	N/A 018

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
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Task Code: HAM-CCR-ASSMT-2023S1	<i>Thomas Wengler / Geosyntec</i>	2/1/2023	1245	<i>Ryan Williams / Pace</i>	2/1/2023	1246	
	<i>Ryan Williams / Pace</i>	2/1/2023	1435	<i>Charles Hester / Pace</i>	2/1/2023	1435	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on for (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Thomas Wengler, Geosyntec Consultants, Inc.</i>	DATE Signed (MM/DD/YYYY): 01/31/2023					
SIGNATURE OF SAMPLER: <i>[Signature]</i>						

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

VALIDATION REPORTS

Memorandum

Date: April 26, 2023
To: Christine Hug
From: Ashley Wilson
CC: J. Caprio
Subject: **Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Project No.: 92649923**

SITE: Huffaker Road Landfill

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of seventeen aqueous samples, one field blank, one equipment blank and one field duplicate, collected 30-31 January 2023, as part of the Huffaker Road Landfill sampling event.

The samples were analyzed at Pace Analytical Services – Peachtree Corners, Peachtree Corners, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Calcium by US EPA Methods 3010A/6010D
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C-2015

The samples were analyzed at Pace Analytical Services - Asheville, Asheville, North Carolina, for the following analytical test:

- Anions (chloride, fluoride and sulfate) by US EPA Method 300.0 Rev 2.1 1993

EXECUTIVE SUMMARY

Based on the Stage 2A data validation covering the quality control (QC) parameters listed below and the information provided, the data as qualified are usable for supporting project objectives. Qualified data should be used within the limitation of the qualification.

The data were reviewed based on the pertinent methods referenced in the laboratory reports, professional and technical judgment and the following documents:

- United States Environmental Protection Agency (US EPA) Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011) and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 540-R-20-006).

The following samples were analyzed and reported in the laboratory report:

Laboratory IDs	Client IDs
92649923001	HAM-GWA-1
92649923002	HAM-GWA-2
92649923003	HAM-GWA-3
92649923004	HAM-GWA-4
92649923005	HAM-GWA-11
92649923006	HAM-GWC-10
92649923007	HAM-GWC-5
92649923008	HAM-HLF-GWC-6
92649923009	HAM-GWC-7
92649923010	HAM-HLF-GWC-8

Laboratory IDs	Client IDs
92649923011	HAM-GWC-9
92649923012	HAM-GWC-18
92649923013	HAM-HLF-GWC-19
92649923014	HAM-GWC-20
92649923015	HAM-GWC-21
92649923016	HAM-GWC-22
92649923017	HAM-GWC-23
92649923018	HAM-HLF-EB-05
92649923019	HAM-HLF-FB-05
92649923020	HAM-HLF-FD-05

The chain of custody (COC) indicates the samples were received between 0-6 °C. No preservation issues were noted by the laboratory.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and for calcium by US EPA Methods 3010A/6010D.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

1.1 Overall Assessment

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this dataset is 100%.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One method blank was reported for metals by US EPA methods 3005A/6020B (batch 755529) and one method blank for calcium by US EPA Methods 3010A/6010D (batch 754274). Metals were not detected in the method blanks above the method detection limits (MDLs), with the following exception.

Antimony was detected in the method blank in batch 755529 at an estimated concentration greater than the MDL and less than the reporting limit (RL). Since antimony was not detected in the associated samples, no qualifications were applied to the data.

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported for metals by US EPA methods 3005A/6020B, using sample HAM-GWA-11, and one sample set specific MS/MSD pair was reported for calcium by US EPA Methods 3010A/6010D, using sample HAM-GWA-1. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The MSD recovery of calcium in the MS/MSD pair using sample HAM-GWA-1 was low and outside the laboratory specified acceptance criteria. Since the concentration of calcium was greater than four times the spike concentration, the recovery limits were not applicable. Therefore, no qualifications were applied to the calcium data.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported with each batch. The recovery results were within the laboratory specified acceptance criteria.

1.6 Equipment Blank

One equipment blank was collected with the sample set, HAM-HLF-EB-05. Metals were not detected in the equipment blank above the MDLs.

1.7 Field Blank

One field blank was collected with the sample set, HAM-HLF-FB-05. Metals were not detected in the field blank above the MDLs.

1.8 Field Duplicate

One field duplicate was collected with the sample set, HAM-HLF-FD-05. Acceptable precision ($RPD \leq 30\%$) was demonstrated between the field duplicate and the original sample, HAM-GWC-10.

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to dilutions analyzed.

1.10 Electronic Data Deliverable (EDD) Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 WET CHEMISTRY

The samples were analyzed for chloride, fluoride and sulfate by US EPA method 300.0 Rev 2.1 1993 and TDS by SM 2540C-2015.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Laboratory Duplicate
- ⊗ Equipment Blank
- ✓ Field Blank
- ⊗ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The wet chemistry data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for these analyses, for this dataset is 100%.

2.2 Holding Times

The holding time for the fluoride, chloride and sulfate analysis of a water sample is 28 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two method blanks were reported for TDS (batches 753440 and 753740) and two method blanks were reported for the anions (batches 753661 and 753665). The wet chemistry parameters were not detected in the method blanks above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported for the anions using samples HAM-HLF-GWC-6 and HAM-HLF-EB-05. The recovery and RPD results were within the laboratory specified acceptance criteria.

Two batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for each analysis and batch. The recovery results were within the laboratory specified acceptance criteria.

2.6 Laboratory Duplicate

Laboratory duplicates were reported for TDS using samples HAM-GWA-4 and HAM-GWC-21. The recovery results were within the laboratory specified acceptance criteria, with the following exception.

The TDS RPD for the laboratory duplicate using sample HAM-GWC-21 was high and outside of laboratory specified acceptance criteria. Since the concentration of TDS in sample HAM-GWC-21 was U qualified due to equipment blank contamination and based on professional and technical judgment and based on professional and technical judgment, no additional qualifications were applied to the data.

Two batch laboratory duplicates were also reported for TDS. Since these were batch QC, the results do not affect the samples in this data set and qualifications were not applied to the data.

2.7 Equipment Blank

One equipment blank was collected with the sample set, HAM-HLF-EB-05. The wet chemistry parameters were not detected in the equipment blank above the MDLs, with the following exception.

TDS (76.0 mg/L) was detected at a concentration greater than the RL. Therefore, the TDS concentration in sample HAM-GWC-21 was U qualified as not detected at the reported concentrations and the TDS concentrations greater than the equipment blank concentration and less than ten times the equipment blank concentrations were J+ qualified as estimated with high bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-1	TDS	94	NA	94	J+	3
HAM-GWA-2	TDS	263	NA	263	J+	3
HAM-GWA-3	TDS	367	NA	367	J+	3
HAM-GWA-4	TDS	459	NA	459	J+	3

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-GWA-11	TDS	130	NA	130	J+	3
HAM-GWC-10	TDS	190	NA	190	J	3
HAM-GWC-5	TDS	385	NA	385	J+	3
HAM-HLF-GWC-6	TDS	335	NA	335	J+	3
HAM-GWC-7	TDS	223	NA	223	J+	3
HAM-HLF-GWC-8	TDS	284	NA	284	J+	3
HAM-GWC-9	TDS	216	NA	216	J+	3
HAM-GWC-18	TDS	284	NA	284	J+	3
HAM-HLF-GWC-19	TDS	239	NA	239	J+	3
HAM-GWC-20	TDS	329	NA	329	J+	3
HAM-GWC-21	TDS	76	D6	76	U	3
HAM-GWC-22	TDS	221	NA	221	J+	3
HAM-GWC-23	TDS	243	NA	243	J+	3
HAM-HLF-FD-05	TDS	604	NA	604	J	3

mg/L- milligram per liter

D6-the precision between the sample and sample duplicate exceeded laboratory control limits.

NA-not applicable

2.8 Field Blank

One field blank was collected with the sample set, HAM-HLF-FB-05. The wet chemistry parameters were not detected in the field blank above the MDLs.

2.9 Field Duplicate

One field duplicate was collected with the sample set, HAM-HLF-FD-05. Acceptable precision (RPD \leq 30%) was demonstrated between the field duplicate and the original sample, HAM-GWC-10, with the following exceptions.

The RPD of TDS was greater than 30%. Therefore, based on professional and technical judgment, the concentrations of TDS were J qualified as estimated in the field duplicate pair.

Fluoride was detected in sample HAM-GWC-10 at an estimated concentration greater than the MDL and less than the RL and detected in field duplicate HAM-HLF-FD-05 at a concentration greater than the RL, resulting in a noncalculable RPD between the results. Therefore, based on professional and technical judgment, the concentrations of fluoride were J qualified as estimated in the field duplicate pair.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	RPD	Validation Result (mg/l)	Validation Qualifier	Reason Code
HAM-GWC-10	Fluoride	0.096	J	NC	0.096	J	7
HAM-HLF-FD-05	Fluoride	0.11	NA		0.11	J	7
HAM-GWC-10	TDS	190	NA	104	190	J	7
HAM-HLF-FD-05	TDS	604	NA		604	J	7

mg/L- milligram per liter

NA-not applicable

NC-non-calculable

J-estimated concentration greater than the MDL and less than the RL

2.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

2.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS
AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

- U The analyte was analyzed for but was not detected above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to “not detected at or above the reported result”.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.
- J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

Valid Value	Description
1	Preservation requirement not met
2	Analysis holding time exceeded
3	Blank contamination (i.e., method, trip, equipment, etc.)
4	Matrix spike/matrix spike duplicate recovery or RPD outside limits
5	LCS recovery outside limits
6	Surrogate recovery outside limits
7	Field Duplicate RPD exceeded
8	Serial dilution percent difference exceeded
9	Calibration criteria not met
10	Linear range exceeded
11	Internal standard criteria not met
12	Lab duplicates RPD exceeded
13	Other

RPD-relative percent difference

FIELD SAMPLING REPORTS

Low-Flow Test Report:

Test Date / Time: 1/30/2023 2:36:40 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 29.3 ft Total Depth: 40.04 ft Initial Depth to Water: 10.22 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 24.3 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.46 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 2:36 PM	00:00	7.35 pH	14.85 °C	164.61 µS/cm	0.42 mg/L	3.25 NTU	-78.0 mV	10.63 ft	200.00 ml/min
1/30/2023 2:41 PM	05:00	7.34 pH	15.25 °C	163.41 µS/cm	0.29 mg/L	2.51 NTU	-94.9 mV	10.65 ft	200.00 ml/min
1/30/2023 2:46 PM	10:00	7.31 pH	15.30 °C	156.33 µS/cm	0.28 mg/L	2.26 NTU	-83.6 mV	10.68 ft	200.00 ml/min
1/30/2023 2:51 PM	15:00	7.30 pH	15.29 °C	155.72 µS/cm	0.32 mg/L	1.83 NTU	-80.8 mV	10.68 ft	200.00 ml/min
1/30/2023 2:56 PM	20:00	7.27 pH	15.30 °C	149.53 µS/cm	1.02 mg/L	2.18 NTU	-88.2 mV	10.68 ft	200.00 ml/min
1/30/2023 3:01 PM	25:00	7.25 pH	15.30 °C	148.25 µS/cm	0.96 mg/L	1.91 NTU	-86.3 mV	10.68 ft	200.00 ml/min
1/30/2023 3:06 PM	30:00	7.22 pH	15.30 °C	144.76 µS/cm	1.00 mg/L	2.01 NTU	-71.7 mV	10.68 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWA-1	Grab.

Low-Flow Test Report:

Test Date / Time: 1/30/2023 12:28:29 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 15.81 ft Total Depth: 25.11 ft Initial Depth to Water: 5.14 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 20.81 ft Estimated Total Volume Pumped: 16 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.36 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Rainy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 12:28 PM	00:00	7.04 pH	14.85 °C	408.58 µS/cm	0.22 mg/L	43.60 NTU	-36.5 mV	5.50 ft	200.00 ml/min
1/30/2023 12:33 PM	05:00	7.03 pH	15.03 °C	408.62 µS/cm	0.14 mg/L	32.20 NTU	-49.9 mV	5.50 ft	200.00 ml/min
1/30/2023 12:38 PM	10:00	7.03 pH	15.16 °C	408.13 µS/cm	0.11 mg/L	19.40 NTU	-38.7 mV	5.50 ft	200.00 ml/min
1/30/2023 12:43 PM	15:00	7.04 pH	15.06 °C	404.83 µS/cm	0.13 mg/L	14.70 NTU	-39.4 mV	5.50 ft	200.00 ml/min
1/30/2023 12:48 PM	20:00	7.04 pH	15.03 °C	406.13 µS/cm	0.13 mg/L	11.40 NTU	-40.0 mV	5.50 ft	200.00 ml/min
1/30/2023 12:53 PM	25:00	7.04 pH	15.05 °C	406.67 µS/cm	0.11 mg/L	9.47 NTU	-53.6 mV	5.50 ft	200.00 ml/min
1/30/2023 12:58 PM	30:00	7.04 pH	15.18 °C	407.45 µS/cm	0.10 mg/L	9.51 NTU	-40.3 mV	5.50 ft	200.00 ml/min
1/30/2023 1:03 PM	35:00	7.04 pH	15.39 °C	407.91 µS/cm	0.08 mg/L	7.18 NTU	-41.4 mV	5.50 ft	200.00 ml/min
1/30/2023 1:08 PM	40:00	7.04 pH	15.31 °C	405.78 µS/cm	0.09 mg/L	6.09 NTU	-40.9 mV	5.50 ft	200.00 ml/min
1/30/2023 1:13 PM	45:00	7.04 pH	15.44 °C	406.75 µS/cm	0.09 mg/L	7.85 NTU	-52.1 mV	5.50 ft	200.00 ml/min
1/30/2023 1:18 PM	50:00	7.04 pH	15.53 °C	408.02 µS/cm	0.08 mg/L	17.20 NTU	-39.4 mV	5.50 ft	200.00 ml/min
1/30/2023 1:23 PM	55:00	7.04 pH	15.61 °C	407.46 µS/cm	0.07 mg/L	7.78 NTU	-52.7 mV	5.50 ft	200.00 ml/min
1/30/2023 1:28 PM	01:00:00	7.05 pH	15.59 °C	407.83 µS/cm	0.07 mg/L	5.50 NTU	-41.9 mV	5.50 ft	200.00 ml/min

1/30/2023 1:33 PM	01:05:00	7.05 pH	15.56 °C	408.05 µS/cm	0.07 mg/L	8.51 NTU	-52.1 mV	5.50 ft	200.00 ml/min
1/30/2023 1:38 PM	01:10:00	7.05 pH	15.48 °C	407.22 µS/cm	0.07 mg/L	6.24 NTU	-39.3 mV	5.50 ft	200.00 ml/min
1/30/2023 1:43 PM	01:15:00	7.05 pH	15.39 °C	406.98 µS/cm	0.08 mg/L	3.65 NTU	-53.0 mV	5.50 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWA-2	Grab.

Low-Flow Test Report:

Test Date / Time: 1/30/2023 11:04:24 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-3 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.09 ft Total Depth: 21.65 ft Initial Depth to Water: 3.36 ft	Pump Type: Bladder Tubing Type: Poly Pump Intake From TOC: 16.08 ft Estimated Total Volume Pumped: 11 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.39 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 11:04 AM	00:00	7.09 pH	14.28 °C	537.07 µS/cm	5.15 mg/L	7.47 NTU	74.8 mV	3.72 ft	200.00 ml/min
1/30/2023 11:09 AM	05:00	7.05 pH	14.32 °C	531.00 µS/cm	4.50 mg/L	6.03 NTU	43.4 mV	3.75 ft	200.00 ml/min
1/30/2023 11:14 AM	10:00	6.98 pH	14.30 °C	524.26 µS/cm	3.67 mg/L	3.23 NTU	27.0 mV	3.75 ft	200.00 ml/min
1/30/2023 11:19 AM	15:00	6.93 pH	14.45 °C	520.93 µS/cm	2.96 mg/L	2.93 NTU	23.2 mV	3.75 ft	200.00 ml/min
1/30/2023 11:24 AM	20:00	6.89 pH	14.53 °C	516.37 µS/cm	2.31 mg/L	3.02 NTU	17.7 mV	3.75 ft	200.00 ml/min
1/30/2023 11:29 AM	25:00	6.88 pH	14.58 °C	515.65 µS/cm	2.12 mg/L	2.62 NTU	16.6 mV	3.75 ft	200.00 ml/min
1/30/2023 11:34 AM	30:00	6.85 pH	14.58 °C	512.30 µS/cm	1.68 mg/L	1.35 NTU	13.5 mV	3.75 ft	200.00 ml/min
1/30/2023 11:39 AM	35:00	6.84 pH	14.60 °C	512.80 µS/cm	1.55 mg/L	1.28 NTU	12.5 mV	3.75 ft	200.00 ml/min
1/30/2023 11:44 AM	40:00	6.83 pH	14.58 °C	510.76 µS/cm	1.22 mg/L	1.63 NTU	11.3 mV	3.75 ft	200.00 ml/min
1/30/2023 11:49 AM	45:00	6.83 pH	14.62 °C	511.34 µS/cm	1.23 mg/L	1.75 NTU	10.3 mV	3.75 ft	200.00 ml/min
1/30/2023 11:54 AM	50:00	6.82 pH	14.64 °C	510.97 µS/cm	1.06 mg/L	1.44 NTU	9.0 mV	3.75 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWA-3	Grab.

Low-Flow Test Report:

Test Date / Time: 1/30/2023 9:37:28 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.39 ft Total Depth: 21.76 ft Initial Depth to Water: 8.16 ft	Pump Type: Bladder Tubing Type: Poly Pump Intake From TOC: 16.39 ft Estimated Total Volume Pumped: 12 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.49 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 9:37 AM	00:00	7.23 pH	14.37 °C	550.41 µS/cm	2.08 mg/L	11.56 NTU	88.8 mV	8.50 ft	200.00 ml/min
1/30/2023 9:42 AM	05:00	7.25 pH	14.53 °C	530.21 µS/cm	1.97 mg/L	3.65 NTU	62.8 mV	8.65 ft	200.00 ml/min
1/30/2023 9:47 AM	10:00	7.26 pH	14.49 °C	526.93 µS/cm	1.87 mg/L	2.34 NTU	53.6 mV	8.65 ft	200.00 ml/min
1/30/2023 9:52 AM	15:00	7.21 pH	14.49 °C	536.34 µS/cm	1.62 mg/L	2.13 NTU	66.5 mV	8.65 ft	200.00 ml/min
1/30/2023 9:57 AM	20:00	7.18 pH	14.49 °C	542.26 µS/cm	1.49 mg/L	2.50 NTU	66.0 mV	8.65 ft	200.00 ml/min
1/30/2023 10:02 AM	25:00	7.14 pH	14.53 °C	546.07 µS/cm	1.34 mg/L	1.78 NTU	49.2 mV	8.65 ft	200.00 ml/min
1/30/2023 10:07 AM	30:00	7.11 pH	14.58 °C	561.30 µS/cm	1.20 mg/L	1.45 NTU	61.9 mV	8.65 ft	200.00 ml/min
1/30/2023 10:12 AM	35:00	7.06 pH	14.63 °C	573.78 µS/cm	0.96 mg/L	1.29 NTU	61.9 mV	8.65 ft	200.00 ml/min
1/30/2023 10:17 AM	40:00	7.02 pH	14.61 °C	582.96 µS/cm	0.81 mg/L	1.35 NTU	62.2 mV	8.65 ft	200.00 ml/min
1/30/2023 10:22 AM	45:00	7.00 pH	14.58 °C	590.61 µS/cm	0.73 mg/L	1.61 NTU	46.5 mV	8.65 ft	200.00 ml/min
1/30/2023 10:27 AM	50:00	6.97 pH	14.62 °C	602.17 µS/cm	0.66 mg/L	1.40 NTU	59.1 mV	8.65 ft	200.00 ml/min
1/30/2023 10:32 AM	55:00	6.94 pH	14.63 °C	604.39 µS/cm	0.59 mg/L	1.29 NTU	46.5 mV	8.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWA-4	Grab.

Low-Flow Test Report:

Test Date / Time: 1/30/2023 3:40:47 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWA-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 20.9 ft Total Depth: 36.45 ft Initial Depth to Water: 15.49 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 30.9 ft Estimated Total Volume Pumped: 10 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.32 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 3:40 PM	00:00	7.05 pH	15.05 °C	177.10 µS/cm	0.33 mg/L	26.80 NTU	-43.1 mV	15.81 ft	200.00 ml/min
1/30/2023 3:45 PM	05:00	7.03 pH	15.15 °C	176.58 µS/cm	0.24 mg/L	29.80 NTU	-43.0 mV	15.81 ft	200.00 ml/min
1/30/2023 3:50 PM	10:00	7.02 pH	15.16 °C	176.60 µS/cm	0.21 mg/L	21.70 NTU	-43.6 mV	15.81 ft	200.00 ml/min
1/30/2023 3:55 PM	15:00	7.02 pH	15.19 °C	175.57 µS/cm	0.22 mg/L	18.10 NTU	-50.5 mV	15.81 ft	200.00 ml/min
1/30/2023 4:00 PM	20:00	7.03 pH	15.17 °C	175.49 µS/cm	0.23 mg/L	15.90 NTU	-34.6 mV	15.81 ft	200.00 ml/min
1/30/2023 4:05 PM	25:00	7.02 pH	15.17 °C	175.28 µS/cm	0.22 mg/L	14.30 NTU	-33.6 mV	15.81 ft	200.00 ml/min
1/30/2023 4:10 PM	30:00	7.01 pH	15.17 °C	175.19 µS/cm	0.21 mg/L	7.72 NTU	-41.8 mV	15.81 ft	200.00 ml/min
1/30/2023 4:15 PM	35:00	7.01 pH	15.21 °C	175.76 µS/cm	0.20 mg/L	6.73 NTU	-30.7 mV	15.81 ft	200.00 ml/min
1/30/2023 4:20 PM	40:00	7.01 pH	15.17 °C	175.93 µS/cm	0.20 mg/L	5.45 NTU	-30.8 mV	15.81 ft	200.00 ml/min
1/30/2023 4:25 PM	45:00	7.00 pH	15.16 °C	176.09 µS/cm	0.19 mg/L	4.95 NTU	-32.3 mV	15.81 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWA-11	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 12:15:18 PM

Project: GP-Plant Hammond

Operator Name: Connor Cain

Location Name: GWC-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 11.4 ft Total Depth: 21.4 ft Initial Depth to Water: 4.52 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 16.4 ft Estimated Total Volume Pumped: 12 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.10 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966090
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 12:15 PM	00:00	7.07 pH	13.39 °C	581.73 µS/cm	4.22 mg/L	1.82 NTU	67.3 mV	4.60 ft	200.00 ml/min
1/31/2023 12:20 PM	05:00	7.05 pH	13.72 °C	581.92 µS/cm	3.88 mg/L	1.86 NTU	44.0 mV	4.60 ft	200.00 ml/min
1/31/2023 12:25 PM	10:00	7.02 pH	13.86 °C	587.33 µS/cm	3.47 mg/L	1.62 NTU	23.6 mV	4.62 ft	200.00 ml/min
1/31/2023 12:30 PM	15:00	7.00 pH	14.05 °C	584.80 µS/cm	3.06 mg/L	1.96 NTU	15.4 mV	4.62 ft	200.00 ml/min
1/31/2023 12:35 PM	20:00	6.98 pH	14.21 °C	586.24 µS/cm	2.65 mg/L	1.81 NTU	2.7 mV	4.62 ft	200.00 ml/min
1/31/2023 12:40 PM	25:00	6.99 pH	14.24 °C	586.29 µS/cm	2.51 mg/L	1.42 NTU	-0.6 mV	4.62 ft	200.00 ml/min
1/31/2023 12:45 PM	30:00	6.98 pH	14.27 °C	588.57 µS/cm	2.24 mg/L	1.43 NTU	-5.6 mV	4.62 ft	200.00 ml/min
1/31/2023 12:50 PM	35:00	6.98 pH	14.34 °C	588.72 µS/cm	2.09 mg/L	1.47 NTU	1.1 mV	4.62 ft	200.00 ml/min
1/31/2023 12:55 PM	40:00	6.97 pH	14.39 °C	589.43 µS/cm	1.91 mg/L	1.38 NTU	-11.2 mV	4.62 ft	200.00 ml/min
1/31/2023 1:00 PM	45:00	6.95 pH	14.45 °C	590.14 µS/cm	1.75 mg/L	1.40 NTU	-1.8 mV	4.62 ft	200.00 ml/min
1/31/2023 1:05 PM	50:00	6.98 pH	14.48 °C	590.15 µS/cm	1.66 mg/L	1.48 NTU	-15.3 mV	4.62 ft	200.00 ml/min
1/31/2023 1:10 PM	55:00	6.96 pH	14.48 °C	591.18 µS/cm	1.52 mg/L	1.33 NTU	-3.9 mV	4.62 ft	200.00 ml/min
1/31/2023 1:15 PM	01:00:00	6.96 pH	14.57 °C	589.79 µS/cm	1.52 mg/L	1.37 NTU	-15.0 mV	4.62 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-5	Grab sample.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 2:35:33 PM

Project: GP-Plant Hammond

Operator Name: Connor Cain

Location Name: GWC-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 32.58 ft Total Depth: 42.58 ft Initial Depth to Water: 14.74 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 42.58 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.09 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966090
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Test Notes:

Three bottle; Metals, TDS, Inorganics

Weather Conditions:

Cloudy, 54 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 2:35 PM	00:00	7.49 pH	16.82 °C	474.07 µS/cm	4.87 mg/L	11.20 NTU	58.6 mV	14.82 ft	200.00 ml/min
1/31/2023 2:40 PM	05:00	7.33 pH	17.14 °C	475.25 µS/cm	3.27 mg/L	6.11 NTU	43.9 mV	14.83 ft	200.00 ml/min
1/31/2023 2:45 PM	10:00	7.27 pH	17.27 °C	487.13 µS/cm	1.77 mg/L	4.41 NTU	-48.0 mV	14.83 ft	200.00 ml/min
1/31/2023 2:50 PM	15:00	7.26 pH	17.31 °C	483.52 µS/cm	1.37 mg/L	1.67 NTU	-86.8 mV	14.83 ft	200.00 ml/min
1/31/2023 2:55 PM	20:00	7.25 pH	17.28 °C	484.36 µS/cm	1.46 mg/L	0.61 NTU	-64.7 mV	14.83 ft	200.00 ml/min
1/31/2023 3:00 PM	25:00	7.25 pH	17.33 °C	472.40 µS/cm	1.44 mg/L	1.15 NTU	-93.8 mV	14.83 ft	200.00 ml/min
1/31/2023 3:05 PM	30:00	7.24 pH	17.31 °C	485.05 µS/cm	1.16 mg/L	0.41 NTU	-66.9 mV	14.83 ft	200.00 ml/min
1/31/2023 3:10 PM	35:00	7.25 pH	17.34 °C	486.03 µS/cm	1.13 mg/L	1.48 NTU	-67.5 mV	14.83 ft	200.00 ml/min
1/31/2023 3:15 PM	40:00	7.24 pH	17.35 °C	488.24 µS/cm	1.09 mg/L	0.45 NTU	-94.5 mV	14.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-HLF-GWC-6	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 12:59:03 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 21.91 ft Total Depth: 31.91 ft Initial Depth to Water: 13.68 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 27 ft Estimated Total Volume Pumped: 18 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.08 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, rainy, 55 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
1/31/2023 12:59 PM	00:00	5.83 pH	16.11 °C	334.71 µS/cm	0.84 mg/L	88.60 NTU	50.1 mV	13.79 ft	200.00 ml/min
1/31/2023 1:04 PM	05:00	5.81 pH	16.33 °C	348.77 µS/cm	0.47 mg/L	81.30 NTU	24.0 mV	13.79 ft	200.00 ml/min
1/31/2023 1:09 PM	10:00	5.83 pH	16.47 °C	355.81 µS/cm	0.34 mg/L	42.50 NTU	16.8 mV	13.79 ft	200.00 ml/min
1/31/2023 1:14 PM	15:00	5.84 pH	16.56 °C	357.66 µS/cm	0.28 mg/L	29.90 NTU	15.9 mV	13.80 ft	200.00 ml/min
1/31/2023 1:19 PM	20:00	5.84 pH	16.60 °C	358.67 µS/cm	0.24 mg/L	27.10 NTU	14.9 mV	13.80 ft	200.00 ml/min
1/31/2023 1:24 PM	25:00	5.83 pH	16.60 °C	358.29 µS/cm	0.22 mg/L	21.40 NTU	13.9 mV	13.79 ft	200.00 ml/min
1/31/2023 1:29 PM	30:00	5.84 pH	16.65 °C	360.08 µS/cm	0.19 mg/L	16.40 NTU	12.7 mV	13.79 ft	200.00 ml/min
1/31/2023 1:34 PM	35:00	5.85 pH	16.69 °C	361.23 µS/cm	0.16 mg/L	15.00 NTU	8.2 mV	13.79 ft	200.00 ml/min
1/31/2023 1:39 PM	40:00	5.85 pH	16.76 °C	360.93 µS/cm	0.14 mg/L	12.50 NTU	10.9 mV	13.78 ft	200.00 ml/min
1/31/2023 1:44 PM	45:00	5.85 pH	16.72 °C	360.85 µS/cm	0.13 mg/L	8.75 NTU	10.6 mV	13.78 ft	200.00 ml/min
1/31/2023 1:49 PM	50:00	5.84 pH	16.72 °C	360.40 µS/cm	0.13 mg/L	11.40 NTU	11.9 mV	13.78 ft	200.00 ml/min
1/31/2023 1:54 PM	55:00	5.84 pH	16.70 °C	361.45 µS/cm	0.12 mg/L	7.58 NTU	9.8 mV	13.78 ft	200.00 ml/min
1/31/2023 1:59 PM	01:00:00	5.84 pH	16.69 °C	361.07 µS/cm	0.11 mg/L	7.32 NTU	11.3 mV	13.78 ft	200.00 ml/min

1/31/2023 2:04 PM	01:05:00	5.84 pH	16.67 °C	360.89 µS/cm	0.10 mg/L	7.62 NTU	10.5 mV	13.78 ft	200.00 ml/min
1/31/2023 2:09 PM	01:10:00	5.84 pH	16.76 °C	361.41 µS/cm	0.09 mg/L	5.52 NTU	7.5 mV	13.78 ft	200.00 ml/min
1/31/2023 2:14 PM	01:15:00	5.86 pH	16.80 °C	361.90 µS/cm	0.09 mg/L	5.35 NTU	8.0 mV	13.77 ft	200.00 ml/min
1/31/2023 2:19 PM	01:20:00	5.83 pH	16.85 °C	360.55 µS/cm	0.09 mg/L	5.73 NTU	11.9 mV	13.76 ft	200.00 ml/min
1/31/2023 2:24 PM	01:25:00	5.84 pH	16.78 °C	360.77 µS/cm	0.09 mg/L	4.60 NTU	8.2 mV	13.76 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-7	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 3:27:22 PM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.13 ft Total Depth: 27.13 ft Initial Depth to Water: 9.81 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 3.5 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, rainy, 55 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
1/31/2023 3:27 PM	00:00	6.95 pH	16.05 °C	513.73 µS/cm	0.58 mg/L	28.00 NTU	19.4 mV	11.22 ft	200.00 ml/min
1/31/2023 3:32 PM	05:00	7.03 pH	16.16 °C	512.60 µS/cm	0.45 mg/L	14.90 NTU	18.2 mV	12.01 ft	200.00 ml/min
1/31/2023 3:37 PM	10:00	7.05 pH	16.16 °C	509.30 µS/cm	0.38 mg/L	8.96 NTU	-0.9 mV	12.48 ft	200.00 ml/min
1/31/2023 3:42 PM	15:00	7.06 pH	16.20 °C	501.72 µS/cm	0.30 mg/L	6.94 NTU	-2.7 mV	12.86 ft	200.00 ml/min
1/31/2023 3:47 PM	20:00	7.07 pH	16.17 °C	497.61 µS/cm	0.28 mg/L	7.29 NTU	-20.8 mV	13.09 ft	200.00 ml/min
1/31/2023 3:52 PM	25:00	7.08 pH	16.21 °C	489.96 µS/cm	0.23 mg/L	3.96 NTU	-17.5 mV	13.21 ft	200.00 ml/min
1/31/2023 3:57 PM	30:00	7.09 pH	16.29 °C	485.46 µS/cm	0.24 mg/L	4.70 NTU	-24.7 mV	13.31 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-HLF-GWC-8	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 10:59:02 AM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 41.91 ft Total Depth: 51.91 ft Initial Depth to Water: 12.38 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 46.91 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.27 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, rainy, 55 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
1/31/2023 10:59 AM	00:00	6.57 pH	15.72 °C	345.19 µS/cm	0.28 mg/L	2.85 NTU	-44.1 mV	12.64 ft	200.00 ml/min
1/31/2023 11:04 AM	05:00	6.57 pH	15.84 °C	345.77 µS/cm	0.14 mg/L	1.86 NTU	-60.8 mV	12.64 ft	200.00 ml/min
1/31/2023 11:09 AM	10:00	6.60 pH	15.93 °C	344.01 µS/cm	0.11 mg/L	1.12 NTU	-78.5 mV	12.65 ft	200.00 ml/min
1/31/2023 11:14 AM	15:00	6.64 pH	15.89 °C	341.68 µS/cm	0.09 mg/L	1.16 NTU	-81.7 mV	12.65 ft	200.00 ml/min
1/31/2023 11:19 AM	20:00	6.68 pH	15.93 °C	341.03 µS/cm	0.08 mg/L	1.21 NTU	-92.3 mV	12.65 ft	200.00 ml/min
1/31/2023 11:24 AM	25:00	6.71 pH	15.96 °C	339.37 µS/cm	0.08 mg/L	1.22 NTU	-92.0 mV	12.65 ft	200.00 ml/min
1/31/2023 11:29 AM	30:00	6.74 pH	15.84 °C	339.03 µS/cm	0.18 mg/L	1.10 NTU	-100.1 mV	12.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-9	Grab.

Low-Flow Test Report:

Test Date / Time: 1/30/2023 4:56:21 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 23.98 ft Total Depth: 34.52 ft Initial Depth to Water: 11.95 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 28.98 ft Estimated Total Volume Pumped: 14000 ml Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.03 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/30/2023 4:56 PM	00:00	7.52 pH	14.75 °C	319.77 µS/cm	0.61 mg/L	73.10 NTU	24.9 mV	11.98 ft	200.00 ml/min
1/30/2023 5:01 PM	05:00	7.57 pH	15.21 °C	318.44 µS/cm	0.56 mg/L	47.60 NTU	-20.3 mV	11.98 ft	200.00 ml/min
1/30/2023 5:06 PM	10:00	7.59 pH	15.33 °C	317.83 µS/cm	0.46 mg/L	37.90 NTU	-48.5 mV	11.98 ft	200.00 ml/min
1/30/2023 5:11 PM	15:00	7.59 pH	15.36 °C	317.56 µS/cm	0.44 mg/L	37.40 NTU	-47.5 mV	11.98 ft	200.00 ml/min
1/30/2023 5:16 PM	20:00	7.58 pH	15.34 °C	317.74 µS/cm	0.44 mg/L	33.10 NTU	-74.7 mV	11.98 ft	200.00 ml/min
1/30/2023 5:21 PM	25:00	7.58 pH	15.39 °C	317.32 µS/cm	0.40 mg/L	24.40 NTU	-81.4 mV	11.98 ft	200.00 ml/min
1/30/2023 5:26 PM	30:00	7.59 pH	15.43 °C	317.33 µS/cm	0.36 mg/L	17.20 NTU	-87.7 mV	11.98 ft	200.00 ml/min
1/30/2023 5:31 PM	35:00	7.58 pH	15.41 °C	316.94 µS/cm	0.37 mg/L	15.70 NTU	-93.5 mV	11.98 ft	200.00 ml/min
1/30/2023 5:36 PM	40:00	7.57 pH	15.43 °C	317.23 µS/cm	0.61 mg/L	11.20 NTU	-95.4 mV	11.98 ft	200.00 ml/min
1/30/2023 5:41 PM	45:00	7.58 pH	15.41 °C	317.13 µS/cm	0.64 mg/L	10.16 NTU	-97.5 mV	11.98 ft	200.00 ml/min
1/30/2023 5:46 PM	50:00	7.60 pH	15.34 °C	317.02 µS/cm	0.53 mg/L	8.35 NTU	-97.3 mV	11.98 ft	200.00 ml/min
1/30/2023 5:51 PM	55:00	7.59 pH	15.30 °C	317.38 µS/cm	0.36 mg/L	6.30 NTU	-101.1 mV	11.98 ft	200.00 ml/min
1/30/2023 5:56 PM	01:00:00	7.59 pH	15.30 °C	317.05 µS/cm	0.46 mg/L	6.05 NTU	-100.2 mV	11.98 ft	200.00 ml/min

1/30/2023 6:01 PM	01:05:00	7.59 pH	15.34 °C	317.10 µS/cm	0.59 mg/L	4.85 NTU	-100.1 mV	11.98 ft	200.00 ml/min
1/30/2023 6:06 PM	01:10:00	7.60 pH	15.30 °C	316.77 µS/cm	0.44 mg/L	4.70 NTU	-102.9 mV	11.98 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-10	Grab.
HAM-HLF-FD-05	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 9:36:39 AM

Project: GP-Plant Hammond

Operator Name: Anthony Szwast

Location Name: GWC-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.02 ft Total Depth: 57.02 ft Initial Depth to Water: 12.5 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 52.02 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.40 ft	Instrument Used: Aqua TROLL 400 Serial Number: 883533
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Rainy, 55 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
1/31/2023 9:36 AM	00:00	7.44 pH	15.75 °C	414.02 µS/cm	1.27 mg/L	0.57 NTU	72.7 mV	13.72 ft	200.00 ml/min
1/31/2023 9:41 AM	05:00	7.49 pH	15.71 °C	410.09 µS/cm	1.06 mg/L	0.84 NTU	69.7 mV	13.81 ft	200.00 ml/min
1/31/2023 9:46 AM	10:00	7.52 pH	15.75 °C	405.47 µS/cm	0.88 mg/L	0.78 NTU	53.7 mV	13.83 ft	200.00 ml/min
1/31/2023 9:51 AM	15:00	7.53 pH	15.84 °C	396.28 µS/cm	0.66 mg/L	0.61 NTU	55.0 mV	13.86 ft	200.00 ml/min
1/31/2023 9:56 AM	20:00	7.54 pH	15.82 °C	388.30 µS/cm	0.52 mg/L	1.00 NTU	47.6 mV	13.88 ft	200.00 ml/min
1/31/2023 10:01 AM	25:00	7.55 pH	15.83 °C	382.18 µS/cm	0.42 mg/L	1.04 NTU	41.4 mV	13.88 ft	200.00 ml/min
1/31/2023 10:06 AM	30:00	7.56 pH	15.88 °C	379.39 µS/cm	0.39 mg/L	0.93 NTU	36.2 mV	13.90 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-18	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 2:09:03 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-19 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 47.51 ft Total Depth: 56.91 ft Initial Depth to Water: 17.64 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 52.51 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.41 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 2:09 PM	00:00	7.62 pH	15.55 °C	396.93 µS/cm	0.44 mg/L	2.56 NTU	-91.1 mV	17.96 ft	200.00 ml/min
1/31/2023 2:14 PM	05:00	7.63 pH	15.84 °C	394.29 µS/cm	0.26 mg/L	3.72 NTU	-95.0 mV	17.96 ft	200.00 ml/min
1/31/2023 2:19 PM	10:00	7.64 pH	15.99 °C	396.70 µS/cm	0.20 mg/L	1.30 NTU	-111.1 mV	18.02 ft	200.00 ml/min
1/31/2023 2:24 PM	15:00	7.64 pH	16.05 °C	400.59 µS/cm	0.15 mg/L	3.08 NTU	-111.5 mV	18.05 ft	200.00 ml/min
1/31/2023 2:29 PM	20:00	7.63 pH	16.06 °C	405.51 µS/cm	0.13 mg/L	1.45 NTU	-95.5 mV	18.05 ft	200.00 ml/min
1/31/2023 2:34 PM	25:00	7.65 pH	16.06 °C	406.98 µS/cm	0.13 mg/L	1.13 NTU	-110.3 mV	18.05 ft	200.00 ml/min
1/31/2023 2:39 PM	30:00	7.65 pH	15.97 °C	410.59 µS/cm	0.13 mg/L	3.43 NTU	-93.9 mV	18.05 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-HLF-GWC-19	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 9:45:28 AM

Project: GP-Plant Hammond

Operator Name: Connor Cain

Location Name: GWC-20 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24.18 ft Total Depth: 34.18 ft Initial Depth to Water: 2.75 ft	Pump Type: Peri Tubing Type: Poly Pump Intake From TOC: 29.18 ft Estimated Total Volume Pumped: 12 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.51 ft	Instrument Used: Aqua TROLL 400 Serial Number: 966090
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Rain, 54 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 9:45 AM	00:00	7.17 pH	14.54 °C	428.23 µS/cm	0.99 mg/L	11.30 NTU	156.5 mV	3.10 ft	200.00 ml/min
1/31/2023 9:50 AM	05:00	7.36 pH	13.94 °C	424.17 µS/cm	0.38 mg/L	12.70 NTU	81.5 mV	3.20 ft	200.00 ml/min
1/31/2023 9:55 AM	10:00	7.38 pH	14.02 °C	424.44 µS/cm	0.32 mg/L	12.40 NTU	2.5 mV	3.28 ft	200.00 ml/min
1/31/2023 10:00 AM	15:00	7.39 pH	14.03 °C	424.40 µS/cm	0.31 mg/L	11.90 NTU	-21.4 mV	3.30 ft	200.00 ml/min
1/31/2023 10:05 AM	20:00	7.40 pH	14.04 °C	425.03 µS/cm	0.31 mg/L	10.87 NTU	-45.2 mV	3.31 ft	200.00 ml/min
1/31/2023 10:10 AM	25:00	7.40 pH	14.05 °C	427.32 µS/cm	0.32 mg/L	9.41 NTU	-56.7 mV	3.30 ft	200.00 ml/min
1/31/2023 10:15 AM	30:00	7.42 pH	14.07 °C	427.66 µS/cm	0.30 mg/L	7.64 NTU	-65.5 mV	3.28 ft	200.00 ml/min
1/31/2023 10:20 AM	35:00	7.42 pH	14.11 °C	428.29 µS/cm	0.28 mg/L	7.34 NTU	-44.0 mV	3.27 ft	200.00 ml/min
1/31/2023 10:25 AM	40:00	7.42 pH	14.11 °C	426.81 µS/cm	0.28 mg/L	7.37 NTU	-39.1 mV	3.26 ft	200.00 ml/min
1/31/2023 10:30 AM	45:00	7.42 pH	14.21 °C	430.46 µS/cm	0.25 mg/L	7.07 NTU	-74.3 mV	3.25 ft	200.00 ml/min
1/31/2023 10:35 AM	50:00	7.43 pH	14.39 °C	429.70 µS/cm	0.24 mg/L	5.73 NTU	-49.9 mV	3.28 ft	200.00 ml/min
1/31/2023 10:40 AM	55:00	7.44 pH	14.47 °C	430.87 µS/cm	0.23 mg/L	5.03 NTU	-84.4 mV	3.26 ft	200.00 ml/min
1/31/2023 10:45 AM	01:00:00	7.44 pH	14.41 °C	430.58 µS/cm	0.25 mg/L	4.98 NTU	-52.1 mV	3.26 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-20	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 10:41:22 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-21 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 8.23 ft Total Depth: 18.41 ft Initial Depth to Water: 3.71 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 13.23 ft Estimated Total Volume Pumped: 19 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.23 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Cloudy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 10:41 AM	00:00	6.75 pH	12.50 °C	180.26 µS/cm	1.57 mg/L	27.90 NTU	100.5 mV	3.94 ft	200.00 ml/min
1/31/2023 10:46 AM	05:00	6.55 pH	12.29 °C	179.06 µS/cm	1.41 mg/L	21.80 NTU	69.6 mV	3.94 ft	200.00 ml/min
1/31/2023 10:51 AM	10:00	6.47 pH	11.99 °C	175.49 µS/cm	1.17 mg/L	22.40 NTU	46.7 mV	3.94 ft	200.00 ml/min
1/31/2023 10:56 AM	15:00	6.42 pH	11.79 °C	170.63 µS/cm	0.93 mg/L	17.20 NTU	38.1 mV	3.94 ft	200.00 ml/min
1/31/2023 11:01 AM	20:00	6.41 pH	11.81 °C	171.16 µS/cm	0.96 mg/L	15.60 NTU	37.2 mV	3.94 ft	200.00 ml/min
1/31/2023 11:06 AM	25:00	6.37 pH	11.74 °C	166.82 µS/cm	0.73 mg/L	12.60 NTU	34.2 mV	3.94 ft	200.00 ml/min
1/31/2023 11:11 AM	30:00	6.35 pH	11.63 °C	163.19 µS/cm	0.64 mg/L	11.10 NTU	33.0 mV	3.94 ft	200.00 ml/min
1/31/2023 11:16 AM	35:00	6.32 pH	11.61 °C	156.02 µS/cm	0.56 mg/L	12.78 NTU	33.8 mV	3.94 ft	200.00 ml/min
1/31/2023 11:21 AM	40:00	6.32 pH	11.61 °C	156.48 µS/cm	0.54 mg/L	10.97 NTU	33.3 mV	3.94 ft	200.00 ml/min
1/31/2023 11:26 AM	45:00	6.29 pH	11.52 °C	151.05 µS/cm	0.46 mg/L	10.32 NTU	33.8 mV	3.94 ft	200.00 ml/min
1/31/2023 11:31 AM	50:00	6.28 pH	11.52 °C	149.78 µS/cm	0.48 mg/L	10.84 NTU	34.4 mV	3.94 ft	200.00 ml/min
1/31/2023 11:36 AM	55:00	6.27 pH	11.53 °C	146.69 µS/cm	0.41 mg/L	9.60 NTU	34.1 mV	3.94 ft	200.00 ml/min
1/31/2023 11:41 AM	01:00:00	6.26 pH	11.56 °C	146.00 µS/cm	0.38 mg/L	8.58 NTU	35.6 mV	3.94 ft	200.00 ml/min

1/31/2023 11:46 AM	01:05:00	6.26 pH	11.58 °C	146.97 µS/cm	0.38 mg/L	7.65 NTU	35.2 mV	3.94 ft	200.00 ml/min
1/31/2023 11:51 AM	01:10:00	6.25 pH	11.52 °C	145.44 µS/cm	0.32 mg/L	7.56 NTU	35.8 mV	3.94 ft	200.00 ml/min
1/31/2023 11:56 AM	01:15:00	6.24 pH	11.56 °C	140.89 µS/cm	0.28 mg/L	6.45 NTU	36.7 mV	3.94 ft	200.00 ml/min
1/31/2023 12:01 PM	01:20:00	6.24 pH	11.47 °C	141.13 µS/cm	0.27 mg/L	6.12 NTU	36.4 mV	3.94 ft	200.00 ml/min
1/31/2023 12:06 PM	01:25:00	6.23 pH	11.52 °C	142.21 µS/cm	0.27 mg/L	6.52 NTU	36.5 mV	3.94 ft	200.00 ml/min
1/31/2023 12:11 PM	01:30:00	6.23 pH	11.55 °C	140.47 µS/cm	0.29 mg/L	3.75 NTU	36.0 mV	3.94 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-21	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 9:37:48 AM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-22 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 31.91 ft Total Depth: 42.30 ft Initial Depth to Water: 0.70 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 36.91 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Rainy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 9:37 AM	00:00	7.35 pH	14.23 °C	344.13 µS/cm	0.97 mg/L	8.64 NTU	-40.5 mV	1.18 ft	200.00 ml/min
1/31/2023 9:42 AM	05:00	7.50 pH	13.97 °C	345.77 µS/cm	0.52 mg/L	5.06 NTU	-96.2 mV	1.22 ft	200.00 ml/min
1/31/2023 9:47 AM	10:00	7.57 pH	14.06 °C	346.10 µS/cm	0.46 mg/L	4.96 NTU	-102.1 mV	1.22 ft	200.00 ml/min
1/31/2023 9:52 AM	15:00	7.61 pH	14.14 °C	346.27 µS/cm	0.42 mg/L	4.71 NTU	-85.5 mV	1.22 ft	200.00 ml/min
1/31/2023 9:57 AM	20:00	7.65 pH	14.16 °C	345.78 µS/cm	0.46 mg/L	4.77 NTU	-82.5 mV	1.22 ft	200.00 ml/min
1/31/2023 10:02 AM	25:00	7.66 pH	14.24 °C	346.07 µS/cm	0.48 mg/L	4.77 NTU	-98.4 mV	1.22 ft	200.00 ml/min
1/31/2023 10:07 AM	30:00	7.67 pH	14.26 °C	344.75 µS/cm	0.53 mg/L	4.96 NTU	-75.4 mV	1.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
HAM-GWC-22	Grab.

Low-Flow Test Report:

Test Date / Time: 1/31/2023 12:57:51 PM

Project: GP-Plant Hammond

Operator Name: Thomas Kessler

Location Name: GWC-23 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 39.73 ft Total Depth: 50.14 ft Initial Depth to Water: 6.93 ft	Pump Type: Peristaltic Tubing Type: Poly Pump Intake From TOC: 44.73 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.47 ft	Instrument Used: Aqua TROLL 400 Serial Number: 850724
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Test Notes:

Three bottles: Metals, TDS, Inorganics.

Weather Conditions:

Rainy, 50 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 5	
1/31/2023 12:57 PM	00:00	6.94 pH	14.40 °C	435.54 µS/cm	0.57 mg/L	5.49 NTU	64.9 mV	7.32 ft	200.00 ml/min
1/31/2023 1:02 PM	05:00	6.96 pH	14.79 °C	438.80 µS/cm	0.36 mg/L	5.08 NTU	8.1 mV	7.32 ft	200.00 ml/min
1/31/2023 1:07 PM	10:00	6.99 pH	14.94 °C	444.31 µS/cm	0.30 mg/L	3.65 NTU	-7.2 mV	7.32 ft	200.00 ml/min
1/31/2023 1:12 PM	15:00	7.00 pH	15.09 °C	447.15 µS/cm	0.23 mg/L	4.34 NTU	-28.9 mV	7.40 ft	200.00 ml/min
1/31/2023 1:17 PM	20:00	7.01 pH	15.16 °C	446.55 µS/cm	0.21 mg/L	3.15 NTU	-26.5 mV	7.40 ft	200.00 ml/min
1/31/2023 1:22 PM	25:00	7.03 pH	15.28 °C	445.72 µS/cm	0.17 mg/L	3.43 NTU	-41.7 mV	7.40 ft	200.00 ml/min
1/31/2023 1:27 PM	30:00	7.03 pH	15.30 °C	443.09 µS/cm	0.16 mg/L	4.51 NTU	-35.7 mV	7.40 ft	200.00 ml/min

Samples

Sample ID:	Description:
HGAM-GWC-23	Grab.

CALIBRATION REPORTS

EQUIPMENT CALIBRATION LOG

Field Technician A. Swast

Date 1/30/2023

Time (start): 730

Time (finish) 750

smarTroll SN 883577

Turbidity Meter Type: LaMotte 2020we

SN 7007-1416

Weather Conditions Cloudy, 45°F

Facility and Unit Plant Hammond

Project No. GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22250153 11/2023	13.17	4490	4225.0	4490	+/- 5%	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (4)		12.86	4.00	4.06	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (4) check			4.00			+/- 0.1 SU	<input type="radio"/> Yes <input type="radio"/> No	
pH (7)	2216893 11/2023	12.42	7.00	7.06	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (7) check			7.00			+/- 0.1 SU	<input type="radio"/> Yes <input type="radio"/> No	
pH (10)	21320202 12/2023	12.36	10.00	10.09	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (10) check			10.00			+/- 0.1 SU	<input type="radio"/> Yes <input type="radio"/> No	
ORP (mV)	21390144 11/2023	12.39	228	212.5	228.0	+/- 20mV	<input checked="" type="radio"/> Yes <input type="radio"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	106.82	100.0	+/- 6% saturation	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 0 NTU			0	0.00	—	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 1 NTU			1.00	1.04	0.98	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 10 NTU			10.00	9.34	10.00	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician C. CAN

Date 1/30/23

Time (start): 0715

Time (finish): 0800

smarTroll SN 966040

Turbidity Meter Type LaMotte 2020we

SN 7609

Weather Conditions Sunny 50F

Facility and Unit Plant Hammond

Project No GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22250153 11/23 ↓	14.74	4490	4435	4496	+/- 5%	<input checked="" type="checkbox"/> Yes No	
pH (4)			4.00	4.05	4.00	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
Mid-Day pH (4) check		✓	4.00	3.99	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
pH (7)	2216893 11/23 ↓	✓	7.00	6.99	7.00	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
Mid-Day pH (7) check			7.00	7.04	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
pH (10)	212320202 12/23 ↓	13.09	10.00	10.03	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
Mid-Day pH (10) check			10.00	9.92	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
ORP (mV)	2390144 11/23	12.80	228	219	228	+/- 20mV	<input checked="" type="checkbox"/> Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	100.14	100	+/- 6% saturation	<input checked="" type="checkbox"/> Yes No	
Turbidity 0 NTU			0	0.00	0.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes No	
Turbidity 1 NTU			1.00	1.18	1.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes No	
Turbidity 10 NTU			10.00	9.86	10.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes No	

EQUIPMENT CALIBRATION LOG

Field Technician Thomas Messer Date 11/30/2023 Time (start): 0725 Time (finish): 0745
 smarTroll SN 845724 Turbidity Meter Type LaMotte 2020we SN 5496-3715
 Weather Conditions Cloudy, So. Facility and Unit Plant Hammond Project No. GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22260153	13.40	4490	4581	4490	+/- 5 %	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (4)	11/23		4.00	3.98	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (4) check	<u> </u>	<u> </u>	4.00	3.96	<u> </u>	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (7)	22164093 11/23	12.56	7.00	7.20	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (7) check	<u> </u>	<u> </u>	7.00	7.03	<u> </u>	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
pH (10)	2130202 12/23	11.93	10.00	10.18	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Mid-Day pH (10) check	<u> </u>	<u> </u>	10.00	10.07	<u> </u>	+/- 0.1 SU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
ORP (mV)	21390144 11/23	11.47	228	229.4	228	+/- 20mV	<input checked="" type="radio"/> Yes <input type="radio"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	99.1	100	+/- 6 % saturation	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 0 NTU			0	0.50	0.00	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 1 NTU			1.00	0.84	0.99	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Turbidity 10 NTU			10.00	11.05	10.0	+/- 0.5 NTU	<input checked="" type="radio"/> Yes <input type="radio"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician A. Swast

Date 1/31/2023

Time (start) 756

Time (finish) 815

smarTroll SN 883533

Turbidity Meter Type: LaMotte 2020we

SN: 7007

Weather Conditions Cloudy, foggy, 55°F

Facility and Unit: Plant

Project No GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22250153	13.45	4490	4,682.0	4490	+/- 5 %	<input checked="" type="radio"/> Yes No	
pH (4)	11/2023		4.00	3.98	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (4) check	22250153 11/2023	13.88	4.00	4.11	4.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
pH (7)	2216893 11/2023	13.95	7.00	7.07	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (7) check	2216893 11/2023	14.04	7.00	7.07	7.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
pH (10)	21320202 12/2023	14.32	10.00	10.12 10.09	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
Mid-Day pH (10) check	21320202 12/2023	14.20	10.00	10.09	10.00	+/- 0.1 SU	<input checked="" type="radio"/> Yes No	
ORP (mV)	21390344 11/2023	14.37	228	223.6	228.0	+/- 20mV	<input checked="" type="radio"/> Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	100.41	100.0	+/- 6 % saturation	<input checked="" type="radio"/> Yes No	
Turbidity 0 NTU			0	0.01	—	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	
Turbidity 1 NTU			1.00	1.16	0.97	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	
Turbidity 10 NTU			10.00	9.21	9.96	+/- 0.5 NTU	<input checked="" type="radio"/> Yes No	

EQUIPMENT CALIBRATION LOG

Field Technician C. CAIN

Date 1/31/25

Time (start) 0745

Time (finish) 0815

smarTroll SN 966040

Turbidity Meter Type LaMotte 2020we

SN 7009

Weather Conditions Cloudy 54F

Facility and Unit Plant Hammond

Project No. GW6581

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22250153 11/23	15.87	4490	4709.3	4490	+/- 5 %	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
pH (4)	↓	✓	4.00	3.97	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Mid-Day pH (4) check	↓	✓	4.00	4.01	✓	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
pH (7)	21232022 216813 12/23 11/23	16.48	7.00	7.02	7.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Mid-Day pH (7) check	↓	✓	7.00	6.97	✓	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
pH (10)	21232022 12/23	16.69	10.00	10.12	10.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Mid-Day pH (10) check	↓	✓	10.00	9.94	✓	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
ORP (mV)	21390144 11/23	16.79	228	219.8	228	+/- 20mV	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
DO (%) (1pt, 100% water saturated air cal)			100	99.07	100	+/- 6 % saturation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turbidity 0 NTU			0	-0.01	0.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turbidity 1 NTU			1.00	1.18	1.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turbidity 10 NTU			10.00	9.73	10.00	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

EQUIPMENT CALIBRATION LOG

Field Technician Thomas Kessler

Date 11/30/2023 11/31/2023

Time (start) 0800

Time (finish) 0930

smarTroll SN 850724

Turbidity Meter Type LaMotte 2020we

SN 58963115

Weather Conditions Cloudy, SO

Facility and Unit Plant Hemmerson

Project No. GW6581

• Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	22754953 11/23	14.71	4490	4183.7	4490	+/- 5 %	<input checked="" type="checkbox"/> Yes No	
pH (4)			4.00	4.07	4.0	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
Mid-Day pH (4) check	<u>/</u>	<u>/</u>	4.00	4.00	<u>/</u>	+/- 0.1 SU	Yes No	
pH (7)	2216893 11/23	14.51	7.00	7.06	7.00	+/- 0.1 SU	<input checked="" type="checkbox"/> Yes No	
Mid-Day pH (7) check	<u>/</u>	<u>/</u>	7.00	7.02	<u>/</u>	+/- 0.1 SU	Yes No	
pH (10)	21326202 11/23	14.52	10.00	10.02	10.00	+/- 0.1 SU	Yes No	
Mid-Day pH (10) check	<u>/</u>	<u>/</u>	10.00	9.97	<u>/</u>	+/- 0.1 SU	Yes No	
ORP (mV)	213910144 11/23	15.09	228	219.7	228	+/- 20mV	<input checked="" type="checkbox"/> Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	98.15	100	+/- 6 % saturation	Yes No	
Turbidity 0 NTU			0	0.49	0.00	+/- 0.5 NTU	Yes No	
Turbidity 1 NTU			1.00	0.62	0.93	+/- 0.5 NTU	<input checked="" type="checkbox"/> Yes No	
Turbidity 10 NTU			10.00	10.75	10.01	+/- 0.5 NTU	Yes No	

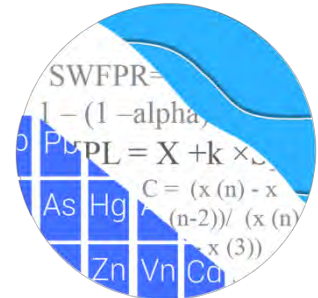
APPENDIX C

Statistical Analysis Report

GROUNDWATER STATS CONSULTING

August 31, 2023

Southern Company Services
Attn: Ms. Kristen Jurinko
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308



Re: Plant Hammond's Huffaker Road Landfill
Statistical Analysis – January 2023

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the January 2023 Semi-Annual Groundwater Detection Monitoring statistical analysis of groundwater data for Georgia Power Company's Plant Hammond's Huffaker Road Landfill. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Georgia EPD parameters in 2007 and for the CCR program in 2016. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling for select 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:** GWA-1, GWA-11, GWA-2, GWA-3, and GWA-4
- **Downgradient:** GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8, and GWC-9

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. The analysis was reviewed by Andrew Collins, Project Manager for Groundwater Stats Consulting.

The following constituents were evaluated:

- **Georgia EPD Appendix I** – antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, and zinc
- **CCR Appendix III** – boron, calcium, chloride, fluoride, pH, sulfate, and TDS

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of well/constituent pairs with 100% non-detects follows this letter. Note that no Appendix III well/constituent pairs contained 100% non-detects.

A substitution of the most recent reporting limit is used for non-detect data. Reporting limits often decrease over time due to improved laboratory practices, which sometimes results in more conservative statistical limits compared to the previous statistical analysis. Such changes in reporting limits have occurred for beryllium, cadmium, chromium, cobalt, copper, fluoride, lead, nickel, selenium, silver, and zinc; therefore, prediction limits for these constituents have decreased over time at some of the wells.

The most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (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).

In earlier analyses, data at all wells for constituents detected in downgradient 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 are recommended. Power curves were provided in the previous background update 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. During the initial background screening of the Appendix III parameters, the 1-of-2 resample plan did not provide sufficient power; therefore, a 1-of-3 resample plan was initially recommended due to the limited background sample sizes in each of the wells at that time.

During the March 2020 background update for the Appendix III parameters, however, the background sample sizes increased in each of the wells, and power curves were provided to demonstrate that the 1-of-2 resample plan provides sufficient power to meet the EPA recommendation mentioned above. Power Curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan
- # Constituents: 13 (silver and thallium are 100% non-detects or trace measurements)
- # Downgradient wells: 12

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan
- # Constituents: 7 (all Appendix III parameters)
- # Downgradient wells: 12

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA,

2009), data are analyzed using either parametric or non-parametric prediction limits. Nondetects are handled as follows.

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to 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 the apparent exceedance or declare the initial finding a false positive result. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach, with trend testing for intrawell exceedances, 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 determine whether the initial intrawell statistical exceedance is a result of natural variation or an impact to groundwater quality downgradient of the facility.

Georgia EPD Appendix I Background Screening Summary – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers for all wells and parameters are 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 (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 are observed trace values (i.e., measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers. Due to changing reporting limits for many constituents, when the non-detects were replaced with the most recent reporting limit, previously flagged "J" values (or estimated values) required flagging as outliers because they were much higher than current reporting limits.

Of the outliers identified by Tukey's method, several values were flagged in the database, and the remaining values were similar to other measurements within a given well or neighboring wells or were reported non-detects. In some cases, 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. These values are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged values in a lighter font as well. A substitution of the most recent reporting limit was applied when varying detection limits existed in data. A summary of all flagged values is included in Figure C.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will

correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Testing

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 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 earlier data will be deselected as necessary. Several statistically significant decreasing trends were noted, as well as a few statistically significant increasing trends for barium. The magnitudes of most of these trends were low relative to the average concentrations and, therefore, required no adjustments to the record.

However, background adjustments were made for barium in wells GWA-2, GWC-19, GWC-22, GWC-6, GWC-7, and GWC-9; and cobalt, nickel, and zinc in well GWC-7. Earlier data for each of these well/constituent pairs were deselected to reduce variation and utilize samples that were more representative of current groundwater concentrations. For those cases with increasing trends in barium, the assumption is that the increase is a result of natural variation and not the result of the facility. Under that assumption, the more recent data would represent unimpacted conditions. Thorough evaluation of that assumption requires a separate geochemical investigation that is beyond the scope of services provided by Groundwater Stats Consulting. However, increasing barium concentrations were noted in both upgradient and downgradient wells, suggesting that the groundwater quality is changing due to natural spatial variation. The trends for cobalt, nickel and zinc are decreasing, and using only the more recent data results in more conservative prediction limits. Complete trend analysis results were presented with the August 2019 screening report. A date range summary table is provided with this report to show the adjusted date ranges used in construction of the statistical 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 statistically significant variation among upgradient well data for: arsenic, barium, cobalt, and nickel. The ANOVA did not identify variation for antimony, beryllium, cadmium, chromium, copper, lead, selenium, and zinc. The ANOVA could not test the following constituents because the data had no variation among the upgradient wells: silver, thallium, and vanadium.

Where significant spatial variation is not identified, this suggests that interwell analysis would be the most appropriate statistical method for these constituents. However, because this is a lined landfill with pre-waste data showing that metals occur naturally in low level detections, intrawell methods are recommended as the primary statistical method for all detected well/constituent pairs. Intrawell methods are generally based on an assumption of no existing impacts of the facility in background data. While the assumption is supported by pre-waste data, thorough evaluation of that assumption requires a separate geochemical investigation, especially for the cases of increasing trends in concentration following waste placement. That study is beyond the scope of services provided by Groundwater Stats Consulting.

CCR Appendix III Background Update Summary – Conducted in March 2020

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III data from both upgradient and downgradient wells through November 2019. Tukey's test noted potential outliers in downgradient wells for all parameters, but not all of these values were flagged as some appeared to be representative of natural variation. Any 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. A summary of flagged outliers follows this letter (Figure C).

Mann Whitney Testing

For constituents requiring intrawell prediction limits (all constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through March 2017 to the new compliance samples at each well through November 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 between the two groups for the following well/constituent pairs: boron in downgradient wells GWC-19 and GWC-7; chloride in downgradient well GWC-8; pH in downgradient wells GWC-20 and GWC-22; sulfate in downgradient well GWC-20; and TDS in downgradient wells GWC-6 and GWC-8.

Although not statistically significant at the 99% confidence level, the increase in median concentrations between background and compliance data for boron at GWC-8 was significant at the 98% confidence level.

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data 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. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians. In this analysis, all but one of the cases with statistically significant Mann-Whitney results were updated. The individual cases are discussed below.

Boron in wells GWC-19 and GWC-7 trended over time toward more stable concentrations at slightly lower levels. Boron at GWC-8 had higher values recently, but the higher concentrations were similar to those in upgradient wells. The measured pH in downgradient wells GWC-20 and GWC-22 stabilized at slightly lower levels, closer to a neutral pH of 7. Chloride in GWC-8 and TDS in both GWC-6 and GWC-8 showed moderate increases in median concentrations due to a short-term spike with the most recent concentrations similar to those in one or more background wells.

In light of these considerations, the only case that was not updated at the time of the update was sulfate at well GWC-20, which has a marked and steadily increasing trend that was not present in the upgradient wells. However, it was later determined through an

alternate source demonstration that this trend is either short-term or not the result of the facility, and this record was appropriately updated. Since the update, the upward trend in sulfate has continued and will continue to be evaluated. Concentrations remain below those in upgradient wells GWA-3 and GWA-4. A list of well/constituent pairs that use a truncated portion of their record follows this report in the date range table mentioned above.

Appendix I and Appendix III Background Update Summary – Conducted in March 2022

Outlier Testing

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate Appendix III data from both upgradient and downgradient wells through February 2022. Tukey's test noted potential outliers in downgradient wells for all parameters, but not all of these values were flagged as some measurements appeared to be representative of natural variation. Additionally, while Tukey's test did not identify the highest reported measurement of boron at 0.125 mg/L as an outlier in downgradient well GWC-23, this value was flagged as an outlier which results in slightly lower prediction limits. The highest measurements of beryllium and nickel were flagged in downgradient well GWC-7 as the values did not appear to represent the overall population at this well. The value of 0.23 mg/L for barium at well GWC-8 was flagged as an outlier and will be re-evaluated during the next background update. This step results in conservative (i.e., lower) limits from a regulatory perspective. Any 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. A summary of flagged outliers follows this letter (Figure C).

Mann Whitney Testing

For constituents requiring intrawell prediction limits (all constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through November 2018 for Appendix I constituents and through November 2019 for Appendix III constituents to the new compliance samples at each well through August 2021. Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2021. 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.

Several statistically significant differences were found between the two groups for the Appendix I and II constituents. Typically, when the test concludes that the medians of the

two groups are significantly different, particularly in the downgradient wells, the background data 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. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

In most cases with significant differences, either the current reported measurements were similar to those reported historically, or the magnitudes of the differences in medians were low relative to average concentrations. Exceptions were the increasing medians for sulfate in downgradient well GWC-20 and boron at downgradient well GWC-8. While steady increasing trends were observed in these cases, reported measurements are lower than those recorded at upgradient wells GWA-3 and GWA-4. For sulfate at well GWC-20, however, only the more recent portion of the record was used in the construction of prediction limits in order to represent present-day groundwater quality. The increasing trend will be re-evaluated periodically so that limit does not become elevated over time compared with upgradient concentrations.

In the case of barium at wells GWC-20, GWC-23, and GWC-8, while the Mann Whitney test identified significantly higher medians in the more recent data, concentrations are similar throughout the entire records and lower than those reported in upgradient well GWA-2. Therefore, these records were updated and the assumption is that the observed changes are due to natural variation in groundwater quality.

All other records were updated through August 2021. A summary of special cases with background data sets utilizing a truncated portion of their record follows this letter.

Evaluation of Georgia EPD Appendix I and CCR Appendix III Constituents – January 2023

Prediction Limits

Intrawell limits constructed from 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.

Evaluation of Georgia EPD Appendix I Parameters – January 2023

For all Georgia EPD Appendix I parameters, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data for each well through August 2021, except for the cases mentioned above (Figure D). The January 2023 compliance data were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects.

A summary of the Georgia EPD Appendix I intrawell prediction limits follows this report. Exceedances were noted for the following well/constituent pairs:

- Barium: GWA-2 (upgradient) and GWC-23

Two-Step Approach

Following the Two-Step approach, interwell prediction limits are constructed for any apparent intrawell prediction limit exceedances using pooled upgradient well data to further evaluate the exceedance (Figure E). No intrawell prediction limit exceedances were noted; therefore, no further action was required for the Appendix I parameters.

Trend Analysis

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level (Figure F). Upgradient wells are included in the trend analyses to identify whether increasing or decreasing patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site. The following statistically significant trends were identified:

Increasing:

- Barium: GWA-2 (upgradient) and GWC-23

Decreasing:

- Barium: GWA-3, GWA-4, and GWA-11 (all upgradient)

Evaluation of CCR Appendix III Parameters – January 2023

For all CCR Appendix III parameters, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2021 (Figure G). The January 2023 sample from each downgradient well is compared to the background limit to determine whether there are exceedances over background. A summary of the Appendix III prediction limits follows this report. Exceedances were noted for the following well/constituent pairs:

- Calcium: GWC-23
- Sulfate: GWC-19
- TDS: GWC-18 and GWC-20

Two-Step Approach

When interwell prediction limits were constructed for the apparent intrawell prediction limit exceedances in downgradient wells, no exceedance was identified (Figure H). Therefore, the initial statistical exceedances are considered a false positive result, and no further action is required. Data that exceeded intrawell background limits are further evaluated using trend tests as discussed below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective intrawell prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test using a 99% confidence level, along with upgradient wells for the same constituents. A summary of the trend test results follows this letter (Figure I). The following statistically significant trends were identified:

Increasing:

- Calcium: GWC-23
- Sulfate: GWA-2 (upgradient)
- TDS: GWC-20 (upgradient)

Decreasing:

- TDS: GWA-4 (upgradient)

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Hammond's Huffaker Road Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Abdul Diane
Groundwater Analyst



Andrew Collins
Project Manager

Date Ranges

Date: 3/29/2023 2:13 PM

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Barium (mg/L)

GWA-2 background:4/13/2010-8/9/2021
GWC-19 background:4/13/2010-8/10/2021
GWC-22 background:4/13/2010-8/10/2021
GWC-6 background:4/13/2010-8/10/2021
GWC-7 background:4/3/2012-10/4/2018
GWC-9 background:4/13/2010-8/10/2021

Cobalt (mg/L)

GWC-7 background:3/12/2013-8/10/2021

Nickel (mg/L)

GWC-7 background:3/12/2013-8/10/2021

Sulfate (mg/L)

GWC-20 background:4/9/2019-8/10/2021

Zinc (mg/L)

GWC-7 background:3/12/2013-8/10/2021

100% Non-Detects: Appendix I

Analysis Run 4/3/2023 2:04 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Antimony (mg/L)

GWC-20, GWC-21, GWC-22, GWC-23

Arsenic (mg/L)

GWC-10, GWC-19, GWC-20, GWC-22, GWC-6

Beryllium (mg/L)

GWC-10, GWC-18, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-8, GWC-9

Cadmium (mg/L)

GWC-19, GWC-22, GWC-6

Cobalt (mg/L)

GWC-18, GWC-19, GWC-20, GWC-22

Lead (mg/L)

GWC-9

Selenium (mg/L)

GWC-18, GWC-19, GWC-20, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8

Silver (mg/L)

GWC-10, GWC-18, GWC-19, GWC-20, GWC-22, GWC-23, GWC-5, GWC-6, GWC-7, GWC-8, GWC-9

Thallium (mg/L)

GWC-10, GWC-18, GWC-19, GWC-20, GWC-21, GWC-22, GWC-23, GWC-5, GWC-6, GWC-8, GWC-9

Vanadium (mg/L)

GWC-10, GWC-18, GWC-19, GWC-20, GWC-22, GWC-6, GWC-8

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-2	0.1957	n/a	1/30/2023	0.2	Yes	29	0.1666	0.01321	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08756	n/a	1/31/2023	0.11	Yes	38	0.06495	0.0106	0	None	No	0.0006269	Param Intra 1 of 2

Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	1/30/2023	0.003ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	1/31/2023	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	1/31/2023	0.003ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	68.42	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	1/31/2023	0.0028J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04924	n/a	1/30/2023	0.037	No	38	0.03897	0.004812	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	1/30/2023	0.03	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.1957	n/a	1/30/2023	0.2	Yes	29	0.1666	0.01321	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.2212	n/a	1/30/2023	0.07	No	38	0.1656	0.02606	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	1/30/2023	0.037	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.1945	n/a	1/30/2023	0.17	No	41	0.1273	0.03174	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09031	n/a	1/31/2023	0.077	No	38	0.07443	0.007441	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1691	n/a	1/31/2023	0.15	No	29	0.00041950	0.0001801	0	None	x^4	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-20	0.149	n/a	1/31/2023	0.14	No	38	0.1177	0.01465	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	1/31/2023	0.033	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.1105	n/a	1/31/2023	0.09	No	29	-2.374	0.07763	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08756	n/a	1/31/2023	0.11	Yes	38	0.06495	0.0106	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1295	n/a	1/31/2023	0.064	No	38	0.09723	0.01511	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2071	n/a	1/31/2023	0.15	No	29	0.1469	0.0273	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.3697	n/a	1/31/2023	0.047	No	19	0.3226	0.1206	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	1/31/2023	0.12	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07234	n/a	1/31/2023	0.064	No	28	0.06145	0.004913	0	None	No	0.0006269	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-11	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.01841	n/a	1/31/2023	0.00021J	No	33	-7.926	1.812	27.27	Kaplan-Meier	ln(x)	0.0006269	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-11	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-2	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-3	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	1/31/2023	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	1/31/2023	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	1/31/2023	0.0005ND	No	35	n/a	n/a	85.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	1/31/2023	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.0005J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.00043J	No	38	n/a	n/a	52.63	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	63.16	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	1/31/2023	0.002J	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.06885	n/a	1/31/2023	0.031	No	23	0.028	0.01788	0	None	No	0.0006269	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	1/31/2023	0.00055J	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.0012J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	1/31/2023	0.005ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	1/31/2023	0.001ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.0017J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.00082J	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	51.52	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.009689	n/a	1/31/2023	0.005J	No	32	0.06271	0.0164	18.75	Kaplan-Meier	sqrt(x)	0.0006269	Param Intra 1 of 2

Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2685	n/a	1/31/2023	0.11	No	18	0.1037	0.06873	0	None	No	0.0006269	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.002J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	1/30/2023	0.00022J	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-11	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-3	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	1/31/2023	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	1/30/2023	0.0022J	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	1/31/2023	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	57.58	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.008879	n/a	1/31/2023	0.01ND	No	31	0.1676	0.01806	16.13	Kaplan-Meier x^(1/3)		0.0006269	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4964	n/a	1/31/2023	0.19	No	18	0.1863	0.1294	0	None	No	0.0006269	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Appendix I - Interwell Prediction Limits - All Result (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/3/2023, 2:03 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg.N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWC-23	0.21	n/a	1/31/2023	0.11	No	205	n/a	n/a	0	n/a	n/a	0.00004912	NP Inter (normality) 1 of 2

Appendix I - Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/2/2023, 8:02 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>
Barium (mg/L)	GWA-11 (bg)	-0.0002519	-2.852	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003856	5.566	2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.005786	-6.132	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002509	-4.026	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001661	4.09	2.58	Yes	41	0	n/a	n/a	0.01	NP

Appendix I - Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/2/2023, 8:02 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>
Barium (mg/L)	GWA-1 (bg)	-0.00004299	-0.3488	-2.58	No	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0002519	-2.852	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003856	5.566	2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.005786	-6.132	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002509	-4.026	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001661	4.09	2.58	Yes	41	0	n/a	n/a	0.01	NP

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq.N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-23	53.47	n/a	1/31/2023	58.3	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	1/31/2023	22.8	Yes	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	1/31/2023	284	Yes	16	202.1	18.8	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	1/31/2023	329	Yes	17	237.4	30.3	0	None	No	0.0006269	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	1/30/2023	0.026J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04333	n/a	1/30/2023	0.038J	No	17	0.03634	0.002879	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1026	n/a	1/30/2023	0.086	No	17	0.08614	0.006798	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1862	n/a	1/30/2023	0.094	No	17	0.1478	0.01583	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1386	n/a	1/30/2023	0.058	No	17	0.09064	0.01974	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04341	n/a	1/30/2023	0.038J	No	17	0.03398	0.003885	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1513	n/a	1/31/2023	0.12	No	17	0.13	0.008789	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2063	n/a	1/31/2023	0.13	No	17	0.1738	0.01337	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	1/31/2023	0.015J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-21	0.1228	n/a	1/31/2023	0.013J	No	17	0.3332	0.06753	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08087	n/a	1/31/2023	0.052	No	17	0.06702	0.00571	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0809	n/a	1/31/2023	0.06	No	16	0.1789	0.04295	6.25	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08192	n/a	1/31/2023	0.043	No	17	0.05951	0.009236	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04728	n/a	1/31/2023	0.037J	No	18	0.03999	0.003041	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07297	n/a	1/31/2023	0.025J	No	17	0.05303	0.008219	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.088	n/a	1/31/2023	0.029J	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-9	0.05	n/a	1/31/2023	0.012J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-1	20.89	n/a	1/30/2023	15.8	No	17	16.2	1.932	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	26.42	n/a	1/30/2023	20.4	No	17	20.14	2.587	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	52.85	n/a	1/30/2023	46.8	No	17	43.1	4.018	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	90.64	n/a	1/30/2023	53.1	No	17	75.75	6.137	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	122.6	n/a	1/30/2023	73.6	No	17	86.21	14.99	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	60.32	n/a	1/30/2023	43.7	No	19	40.93	8.193	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	1/31/2023	40.4	No	18	40.94	3.386	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.43	n/a	1/31/2023	42.5	No	18	44.52	2.882	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	1/31/2023	62	No	18	55.11	5.638	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	94.52	n/a	1/31/2023	16.2	No	19	48.75	19.33	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	52.63	n/a	1/31/2023	43.8	No	17	47.89	1.955	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	1/31/2023	58.3	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	91.67	n/a	1/31/2023	75.5	No	17	75.27	6.759	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	75.59	n/a	1/31/2023	62.5	No	17	64.12	4.724	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.87	n/a	1/31/2023	19	No	17	39.29	14.25	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	107.1	n/a	1/31/2023	69.2	No	19	68.9	16.13	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	1/31/2023	34.1	No	17	35.42	1.737	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.619	n/a	1/30/2023	1.1	No	17	0.1658	0.1303	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	2.058	n/a	1/30/2023	1.2	No	17	1.43	0.2592	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.046	n/a	1/30/2023	2.2	No	17	2.365	0.2806	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.301	n/a	1/30/2023	1.2	No	17	3.626	0.6902	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.38	n/a	1/30/2023	3.4	No	17	5.864	1.863	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.237	n/a	1/30/2023	1.3	No	19	1.512	0.3062	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.802	n/a	1/31/2023	0.8J	No	17	1.711	0.6329	0	None	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.623	n/a	1/31/2023	1.2	No	17	1.764	0.3539	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.379	n/a	1/31/2023	1.1	No	18	1.577	0.3346	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	3.92	n/a	1/31/2023	1.5	No	18	2.504	0.5908	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.086	n/a	1/31/2023	1	No	17	1.436	0.2681	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.249	n/a	1/31/2023	0.5ND	No	17	1.397	0.3512	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.201	n/a	1/31/2023	2.1	No	17	2.822	0.5683	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.452	n/a	1/31/2023	1.7	No	17	1.86	0.2439	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.289	n/a	1/31/2023	1.7	No	17	1.612	0.2791	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.284	n/a	1/31/2023	1.6	No	19	2.034	0.5279	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.765	n/a	1/31/2023	0.72J	No	17	1.099	0.2742	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1904	n/a	1/30/2023	0.11	No	17	0.1011	0.03681	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1938	n/a	1/30/2023	0.09J	No	17	0.2673	0.07126	17.65	Kaplan-Meier	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2383	n/a	1/30/2023	0.11	No	17	0.1233	0.04738	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.484	n/a	1/30/2023	0.12	No	17	0.2083	0.1136	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4826	n/a	1/30/2023	0.12	No	17	0.4315	0.1085	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1902	n/a	1/30/2023	0.096J	No	17	0.1044	0.03536	11.76	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.218	n/a	1/31/2023	0.15	No	17	0.1375	0.03319	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2528	n/a	1/31/2023	0.14	No	17	0.1435	0.04503	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1931	n/a	1/31/2023	0.094J	No	17	0.2872	0.06277	5.882	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.2126	n/a	1/31/2023	0.062J	No	17	0.08559	0.05234	23.53	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.151	n/a	1/31/2023	0.095J	No	17	0.08591	0.02682	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1833	n/a	1/31/2023	0.11	No	17	0.1043	0.03254	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	1/31/2023	0.074J	No	17	n/a	n/a	17.65	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.3078	n/a	1/31/2023	0.098J	No	17	0.3089	0.1013	11.76	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.514	n/a	1/31/2023	0.26	No	17	0.6093	0.07904	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	1/31/2023	0.18	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1716	n/a	1/31/2023	0.11	No	17	0.0917	0.03293	5.882	None	No	0.0006269	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (SU)	GWA-1	7.381	6.536	1/30/2023	7.22	No	17	6.958	0.1741	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.054	6.388	1/30/2023	7	No	17	6.721	0.1372	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.234	6.539	1/30/2023	7.05	No	17	6.886	0.1432	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.212	6.33	1/30/2023	6.82	No	17	6.771	0.1818	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.16	6.365	1/30/2023	6.94	No	17	6.762	0.1637	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.72	6.825	1/30/2023	7.6	No	18	7.272	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.382	1/31/2023	7.56	No	17	7.585	0.08345	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.783	7.194	1/31/2023	7.65	No	19	7.488	0.1243	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.608	6.972	1/31/2023	7.44	No	20	7.29	0.1358	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.693	5.612	1/31/2023	6.23	No	17	6.652	0.4288	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.958	7.287	1/31/2023	7.67	No	18	7.623	0.1399	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.52	6.662	1/31/2023	7.03	No	17	7.091	0.1769	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.21	6.445	1/31/2023	6.96	No	17	6.828	0.1576	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.319	6.708	1/31/2023	7.24	No	18	7.014	0.1274	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.768	5.558	1/31/2023	5.84	No	18	6.163	0.2524	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.787	6.575	1/31/2023	7.09	No	20	7.181	0.259	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.324	6.313	1/31/2023	6.74	No	17	6.819	0.2084	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.6	n/a	1/30/2023	3.8	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-11	15.25	n/a	1/30/2023	9.5	No	17	12.17	1.271	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	22.46	n/a	1/30/2023	19.8	No	17	15.77	2.757	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	215.8	n/a	1/30/2023	78.4	No	17	11	1.519	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	321.2	n/a	1/30/2023	156	No	17	177.4	59.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	1/30/2023	11.5	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.45	n/a	1/31/2023	8.4	No	17	10.5	1.628	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	1/31/2023	22.8	Yes	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	1/31/2023	69.8	No	9	53.13	8.981	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	54.24	n/a	1/31/2023	12.4	No	17	31.49	9.375	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	13.34	n/a	1/31/2023	8.8	No	17	7.635	2.352	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	43	n/a	1/31/2023	19.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	145.9	n/a	1/31/2023	90.6	No	17	4.427	0.2289	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	144.4	n/a	1/31/2023	95.7	No	21	108.3	15.56	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	178.3	n/a	1/31/2023	118	No	17	109.7	28.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	60.46	n/a	1/31/2023	31.3	No	17	40.99	8.027	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	85.39	n/a	1/31/2023	70	No	18	69.08	6.805	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	163.4	n/a	1/30/2023	94	No	17	102.9	24.95	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	179.4	n/a	1/30/2023	130	No	17	121.6	23.82	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	268.6	n/a	1/30/2023	263	No	17	221.5	19.41	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	653	n/a	1/30/2023	367	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	733.8	n/a	1/30/2023	459	No	17	507.8	93.12	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	268.9	n/a	1/30/2023	190	No	17	179.4	36.87	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	1/31/2023	284	Yes	16	202.1	18.8	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	281.8	n/a	1/31/2023	239	No	16	233.4	19.68	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	1/31/2023	329	Yes	17	237.4	30.3	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	398.1	n/a	1/31/2023	76	No	19	200.5	83.46	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	1/31/2023	221	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	290.6	n/a	1/31/2023	243	No	17	196.4	38.83	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	1/31/2023	385	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	423.2	n/a	1/31/2023	335	No	19	332.2	38.42	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	358.6	n/a	1/31/2023	223	No	17	264.9	38.59	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	444.9	n/a	1/31/2023	284	No	19	285	67.54	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	310.7	n/a	1/31/2023	216	No	17	226.2	34.82	0	None	No	0.0006269	Param Intra 1 of 2

Appendix III - Interwell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-23	123	n/a	1/31/2023	58.3	No	100	n/a	n/a	2	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	1/31/2023	22.8	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	686	n/a	1/31/2023	284	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	686	n/a	1/31/2023	329	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2

Appendix III - Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:54 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>
Calcium (mg/L)	GWC-23	2.525	91	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.9964	101	81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-30.51	-93	-81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	12.82	118	81	Yes	20	0	n/a	n/a	0.01	NP

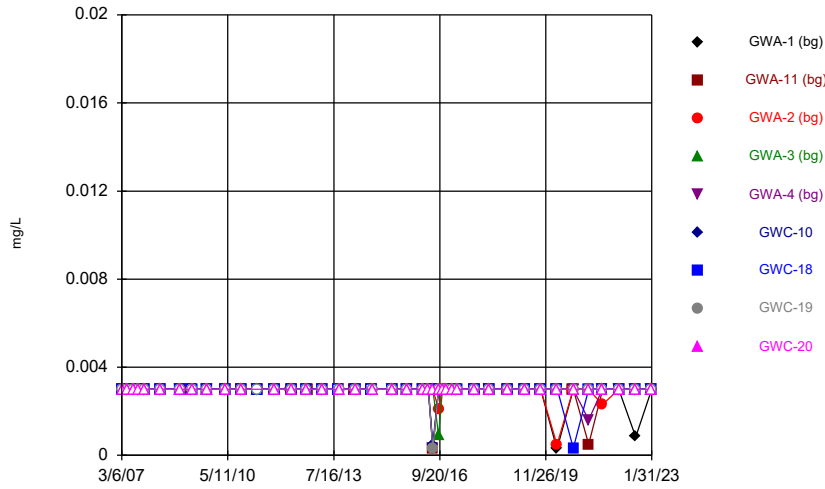
Appendix III - Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:54 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>
Calcium (mg/L)	GWA-1 (bg)	0.143	36	81	No	20	5	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.1088	14	81	No	20	5	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.331	74	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-1.365	-62	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4 (bg)	-3.201	-66	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23	2.525	91	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	0	-7	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3201	-72	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.9964	101	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-6.533	-77	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-11.69	-77	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.4657	38	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-1 (bg)	0.9253	11	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-0.1605	-5	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	4.186	65	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-16.09	-59	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-30.51	-93	-81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-18	3.363	32	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	12.82	118	81	Yes	20	0	n/a	n/a	0.01	NP

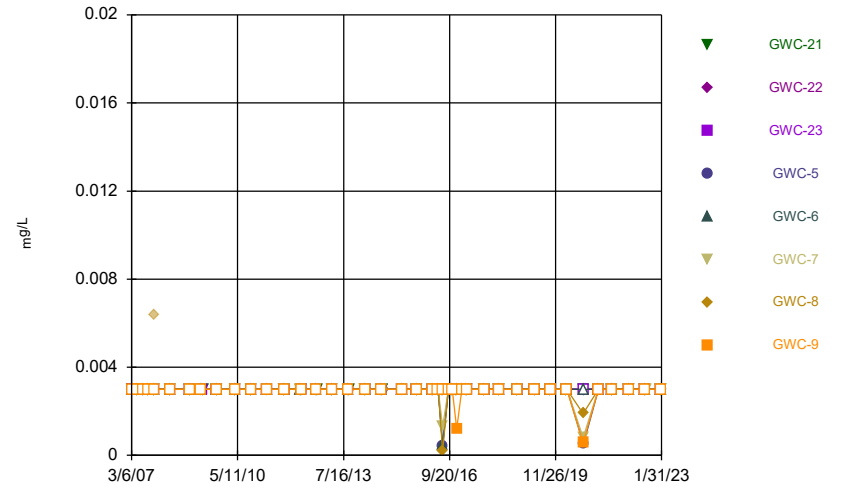
FIGURE A.

Time Series



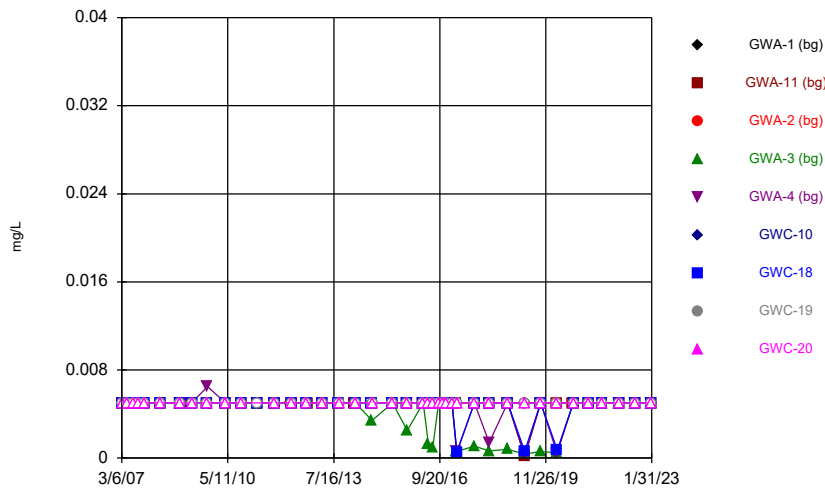
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



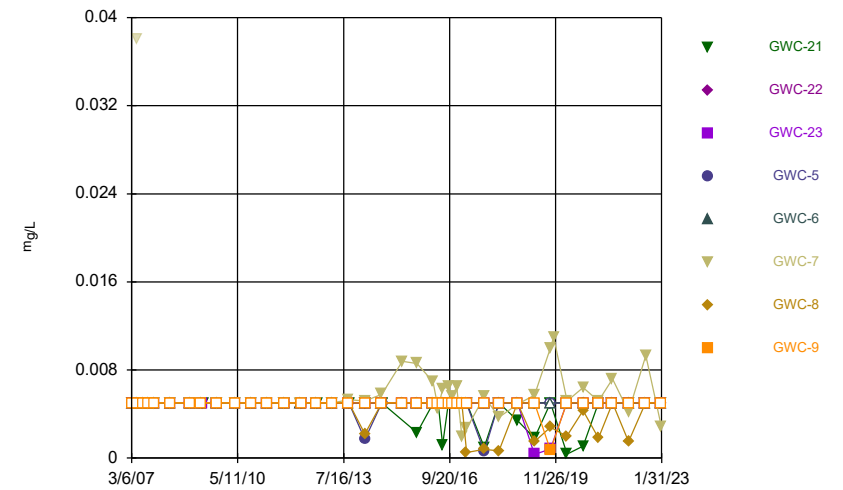
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Time Series



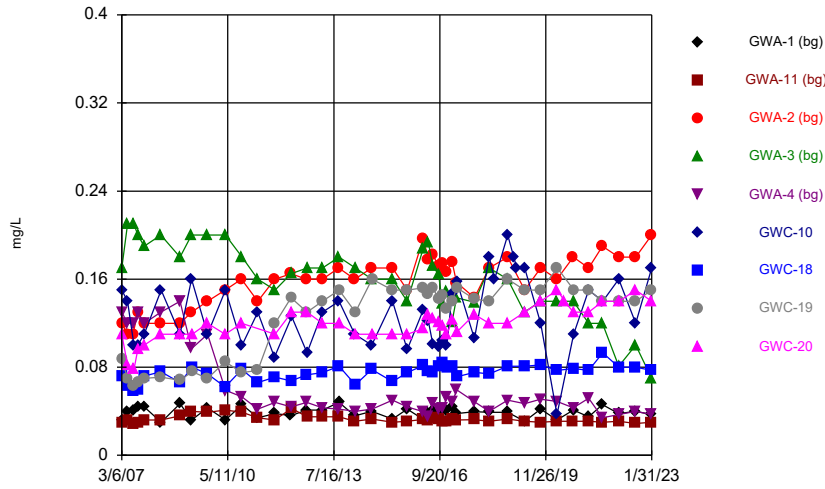
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



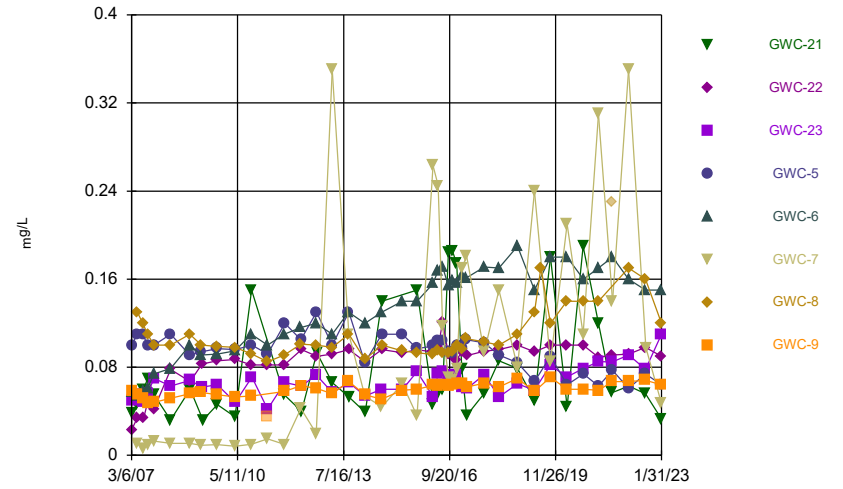
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Time Series



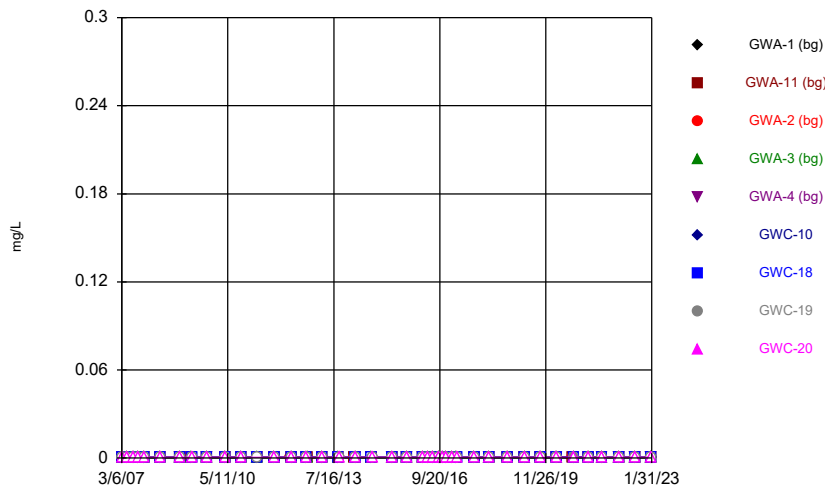
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



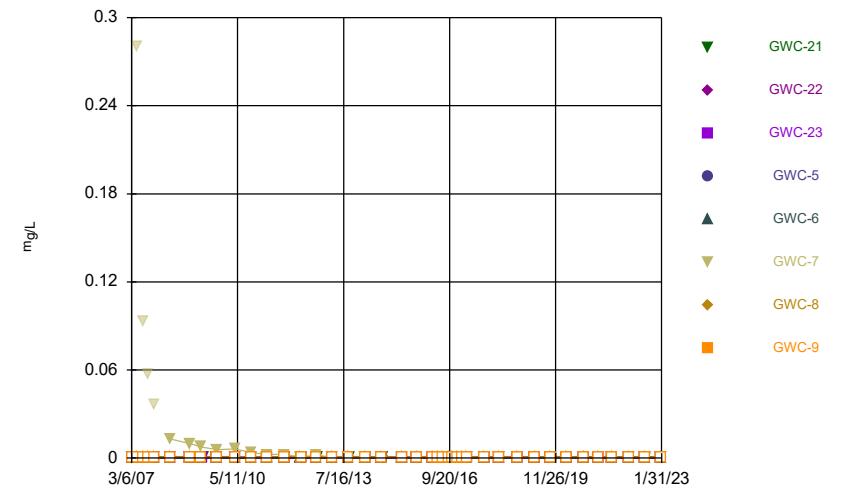
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Time Series



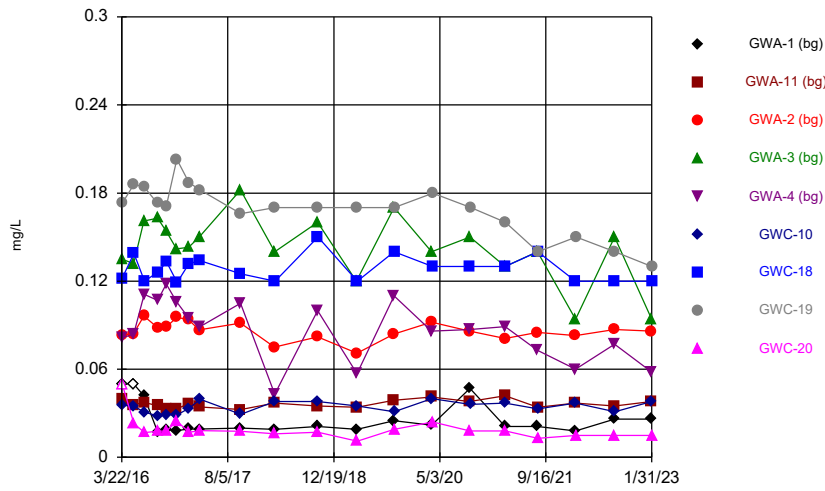
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



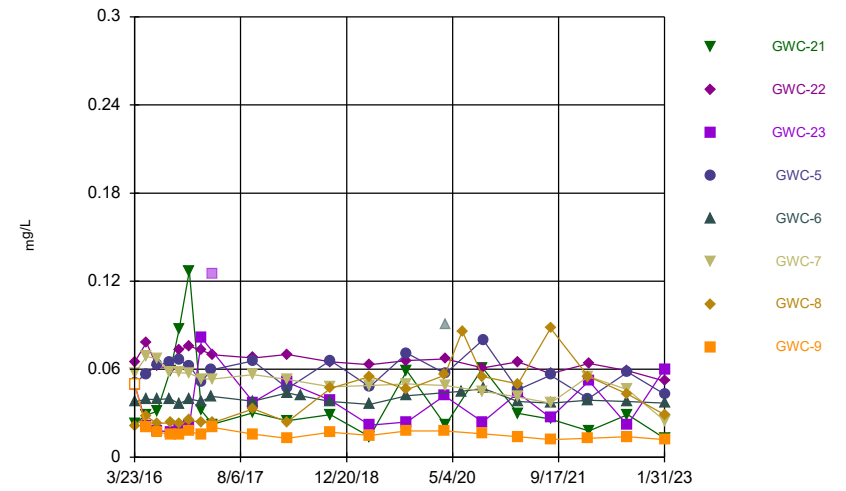
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Time Series



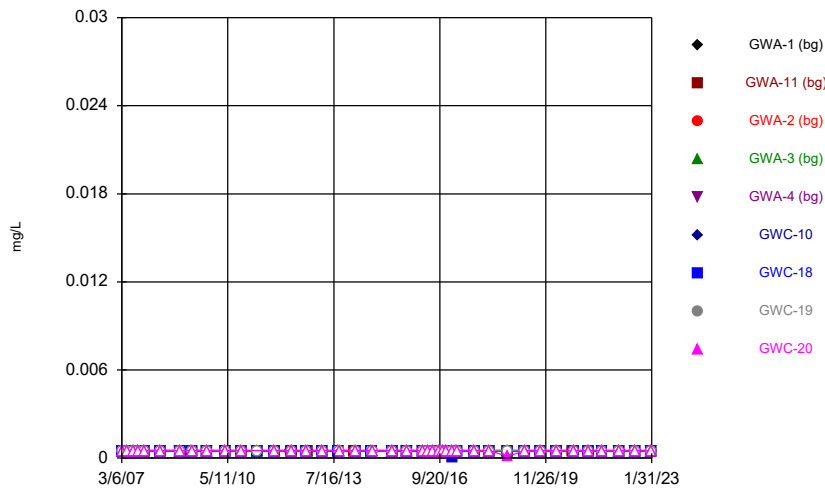
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



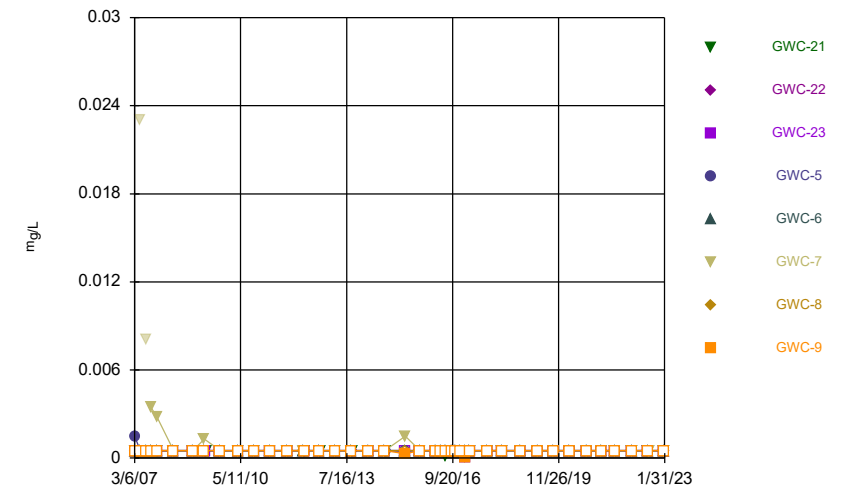
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



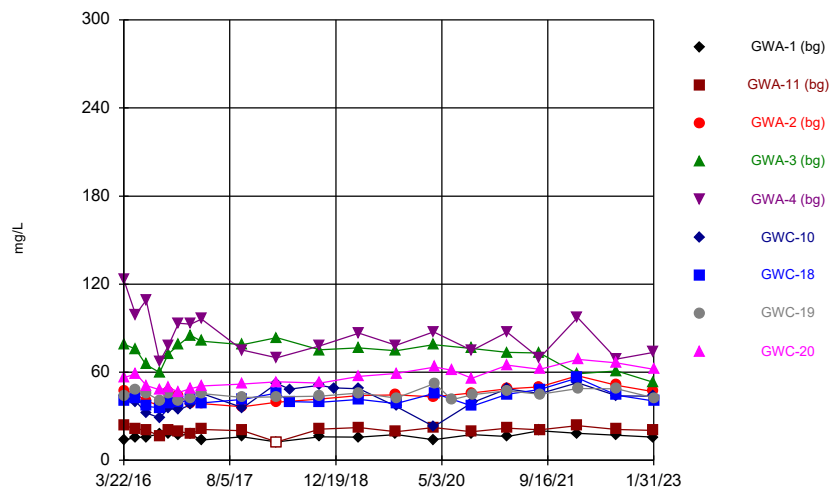
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



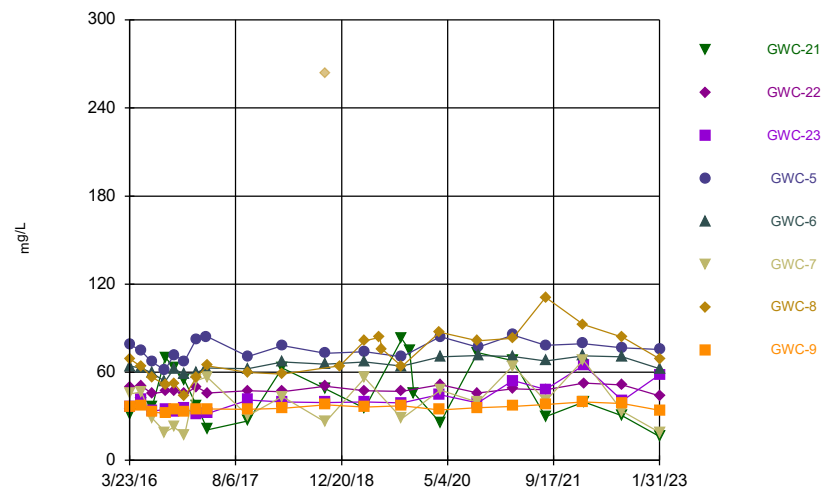
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Time Series



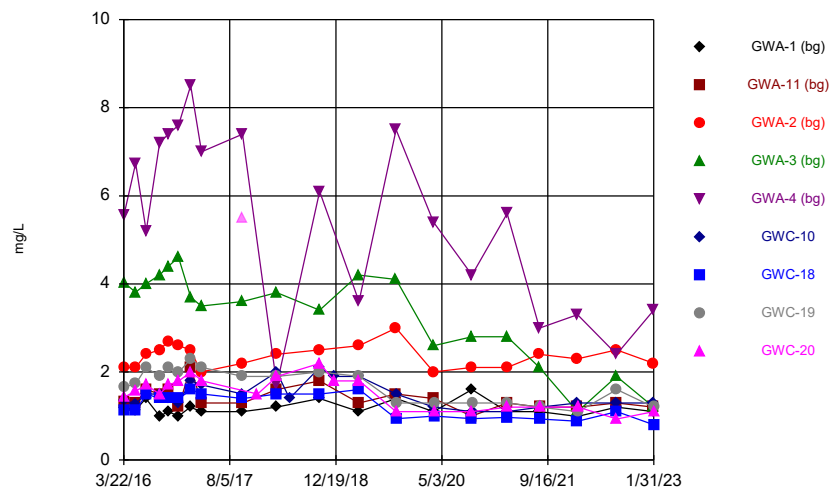
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



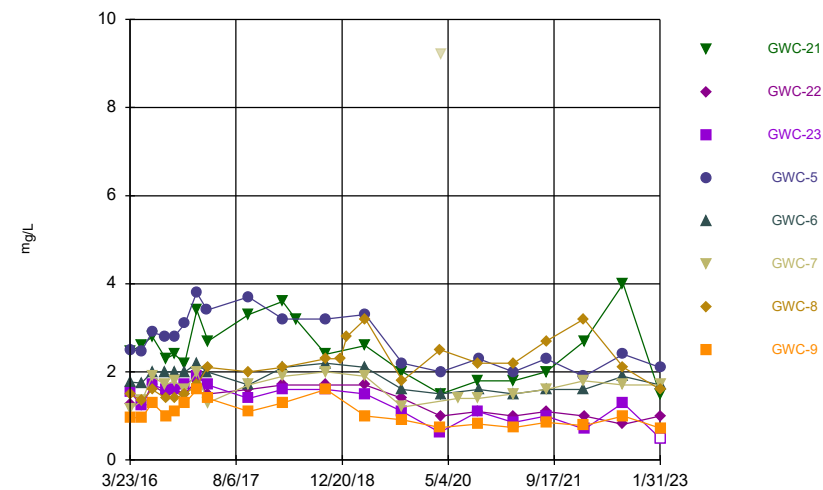
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Time Series



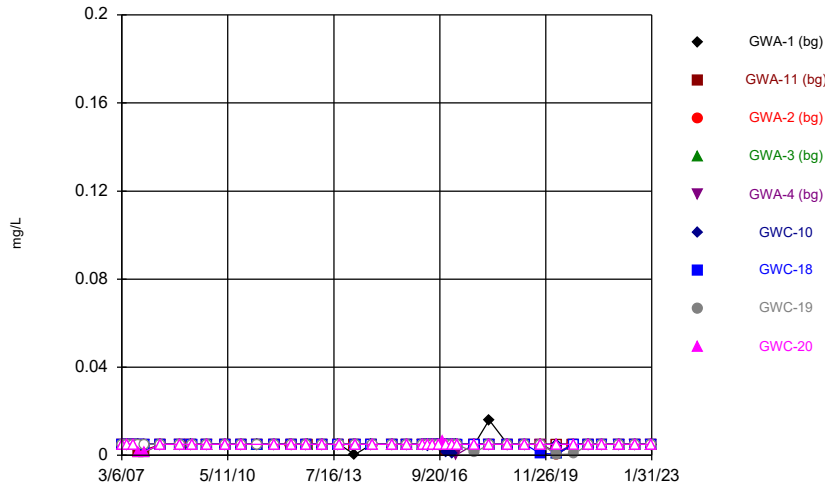
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



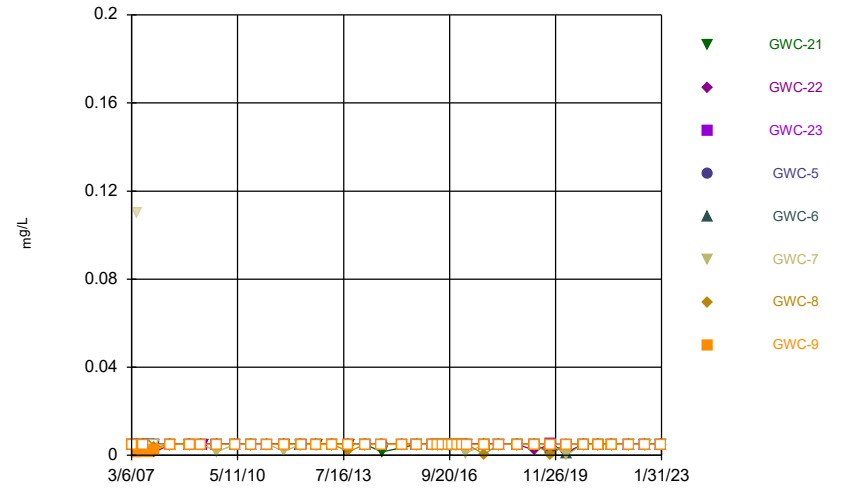
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



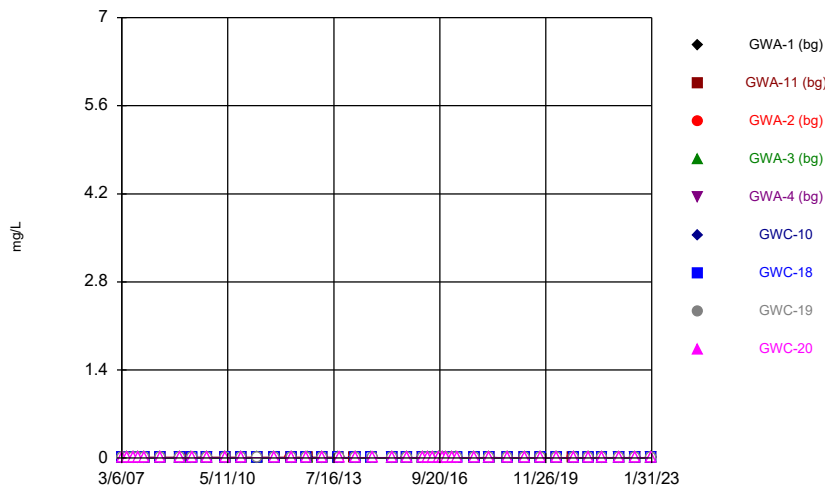
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



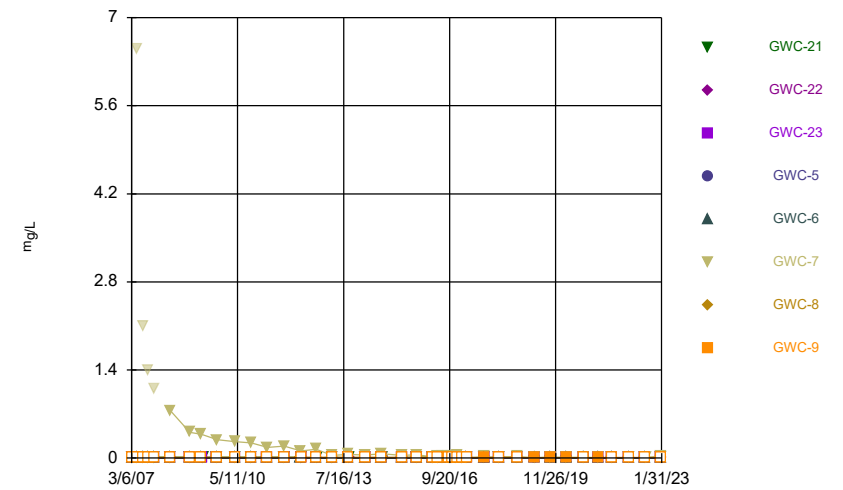
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Time Series



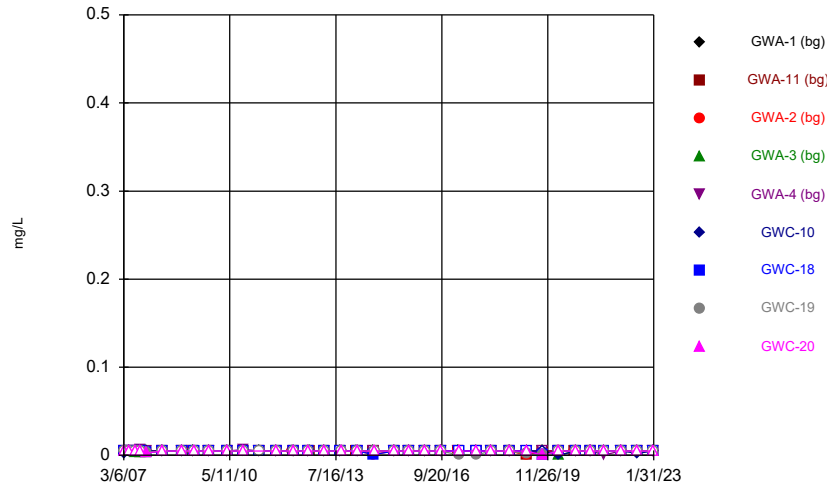
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



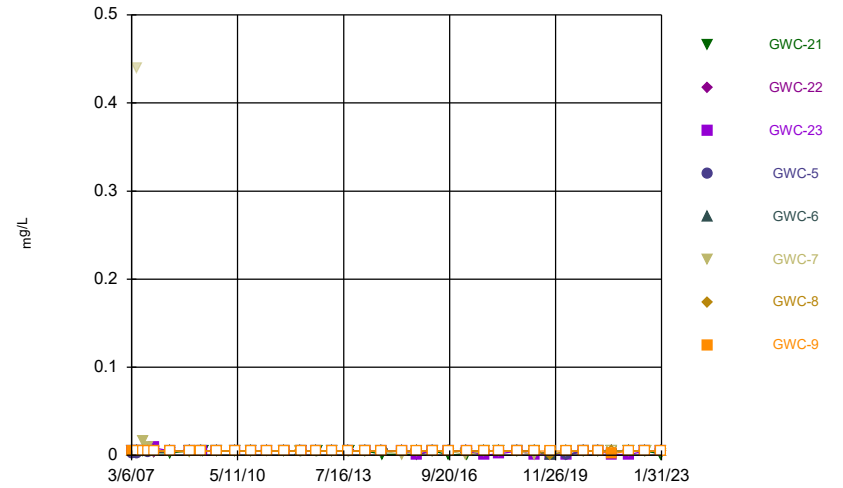
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Time Series



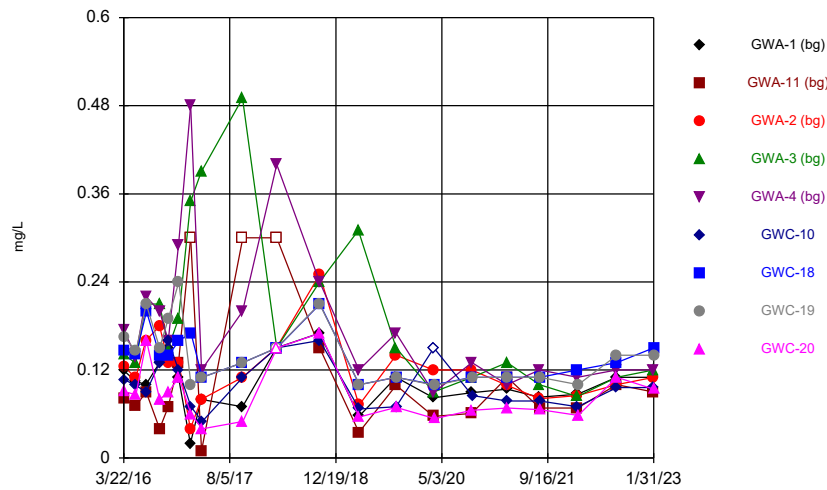
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



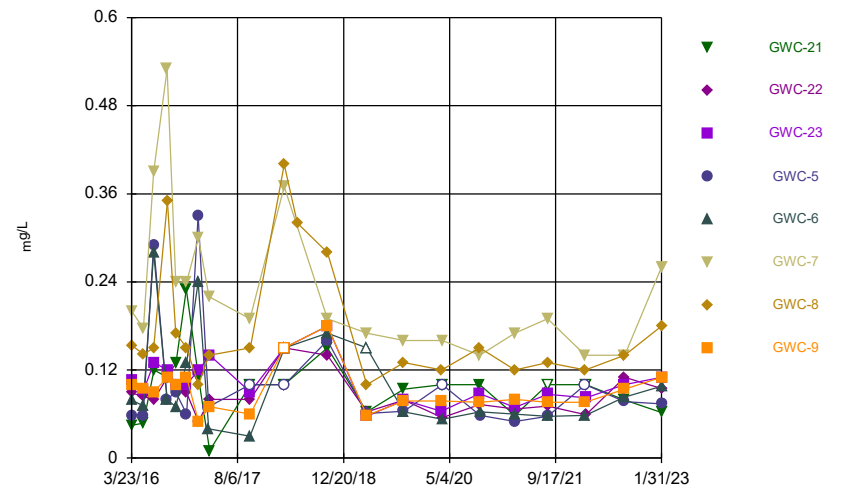
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Time Series



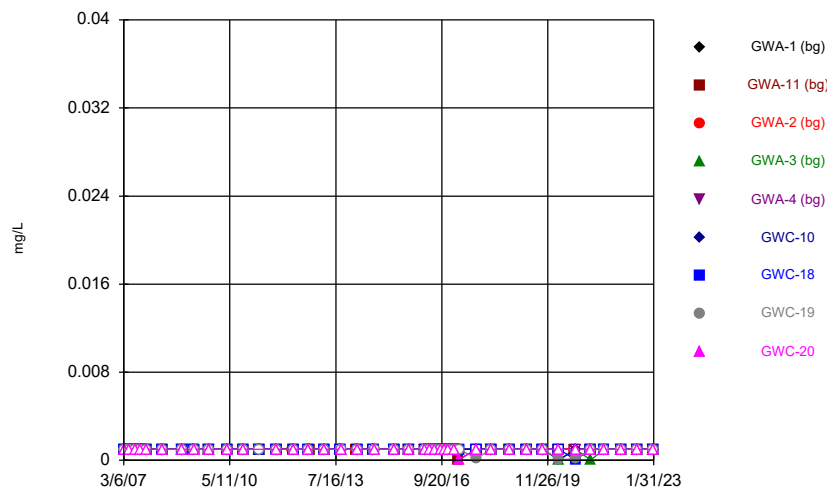
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Time Series



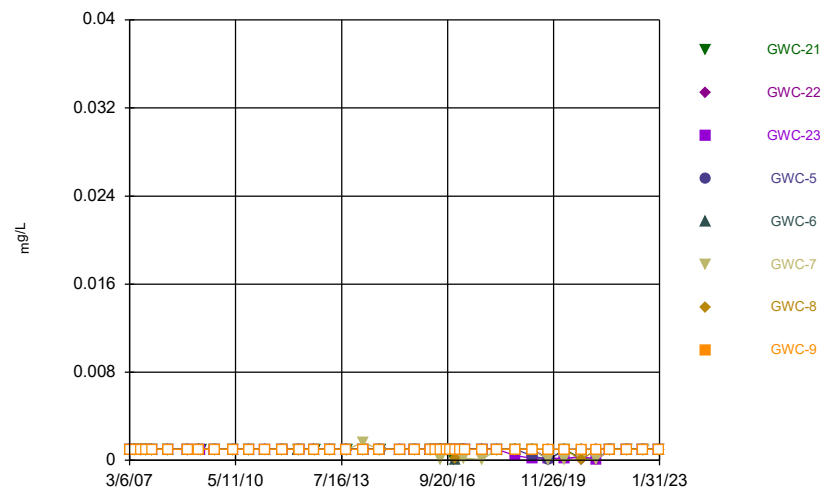
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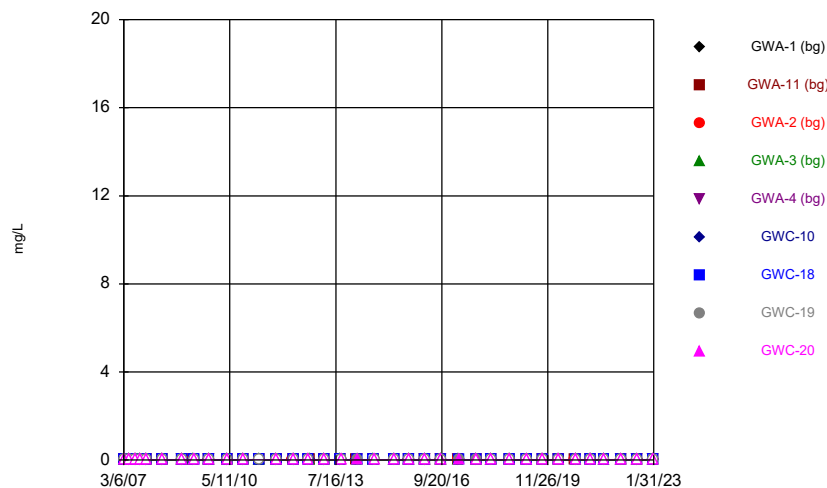
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Time Series



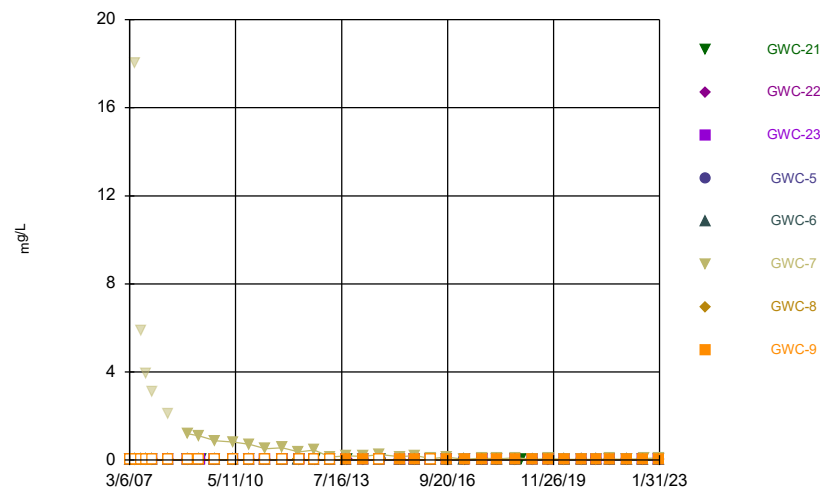
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Time Series



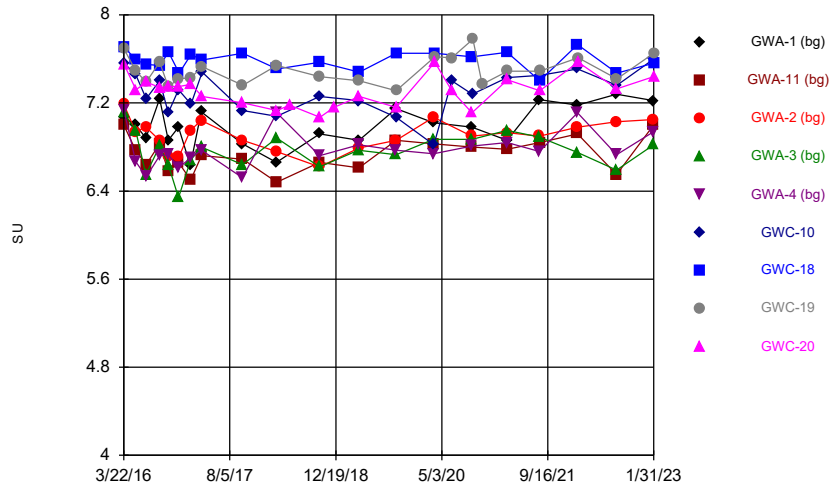
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



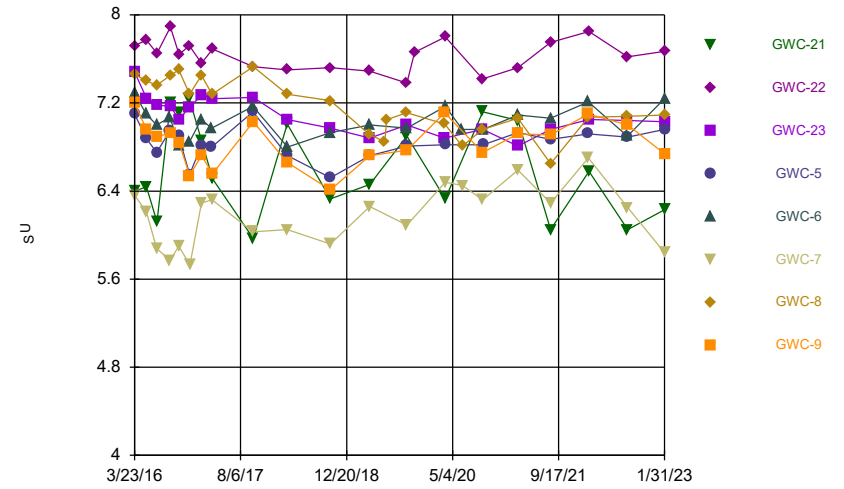
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Time Series



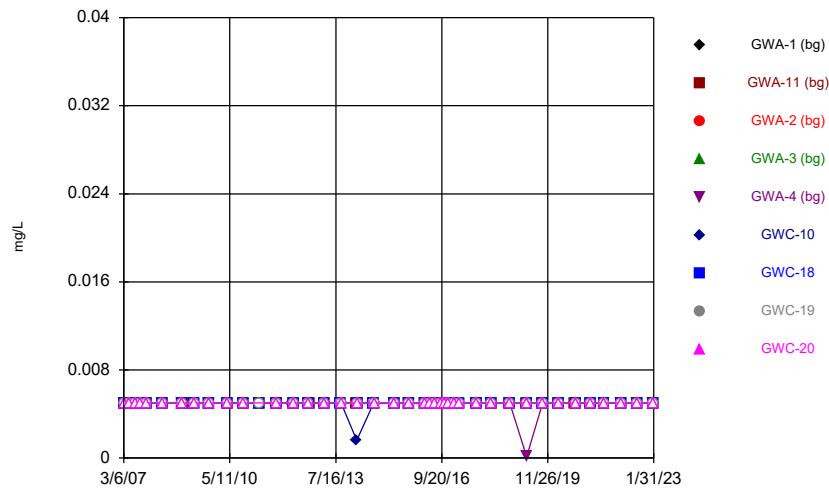
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



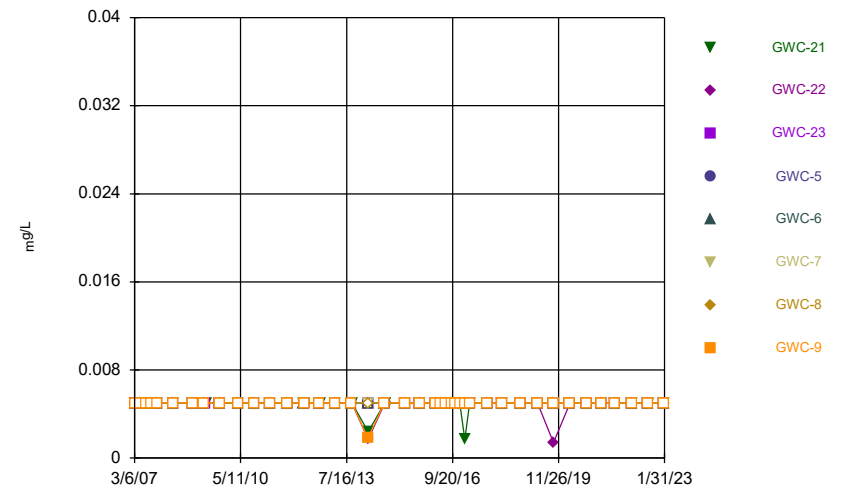
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Time Series



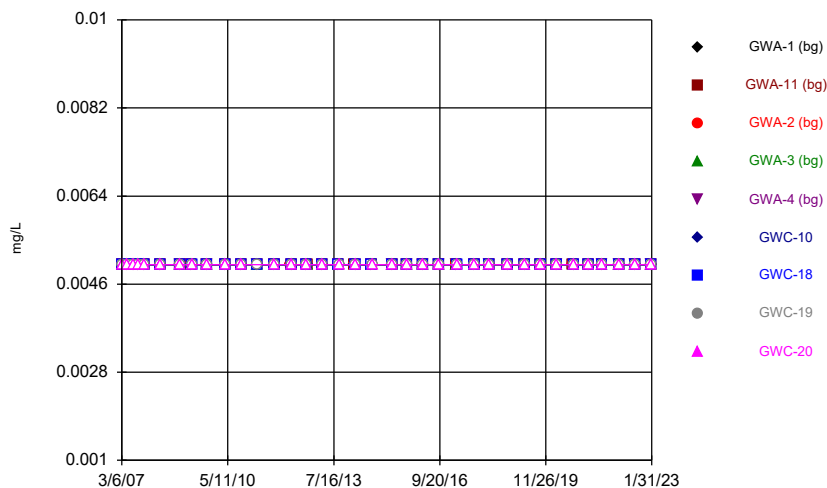
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



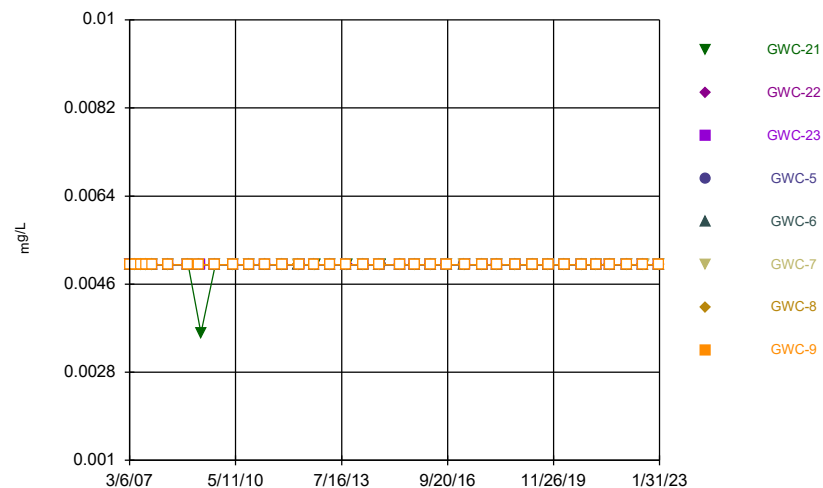
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



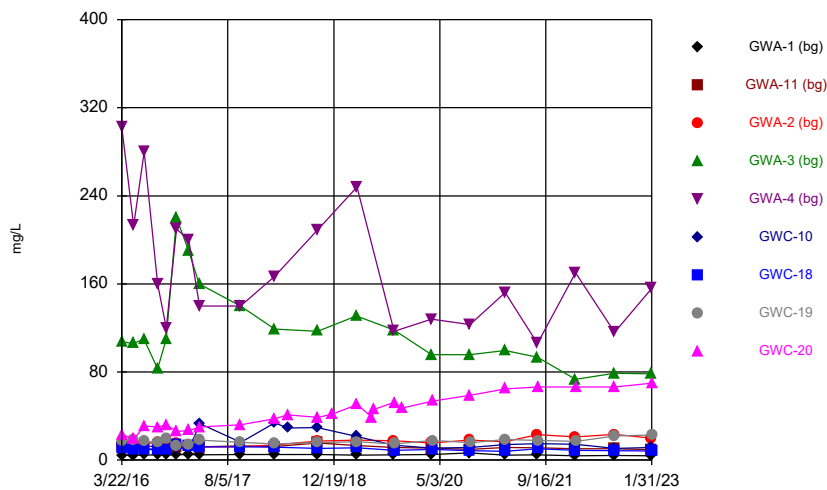
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



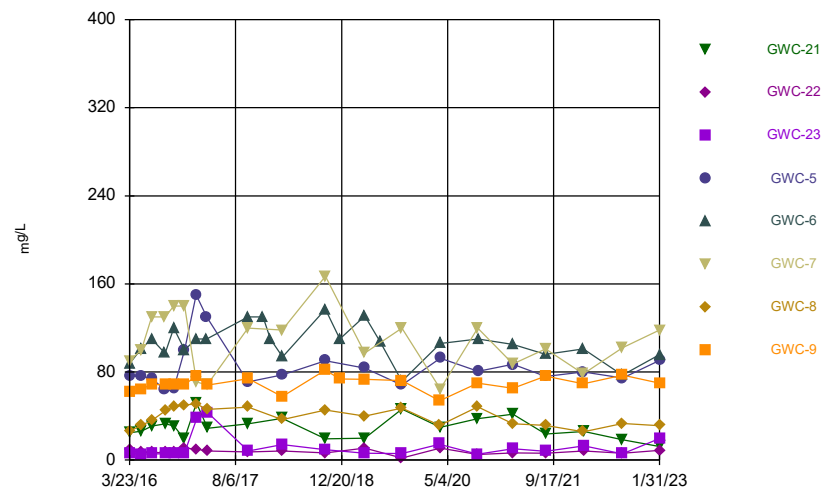
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



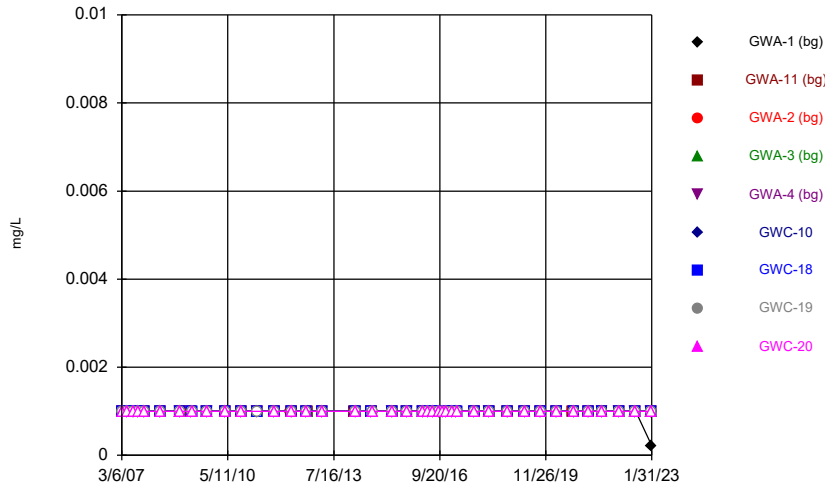
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



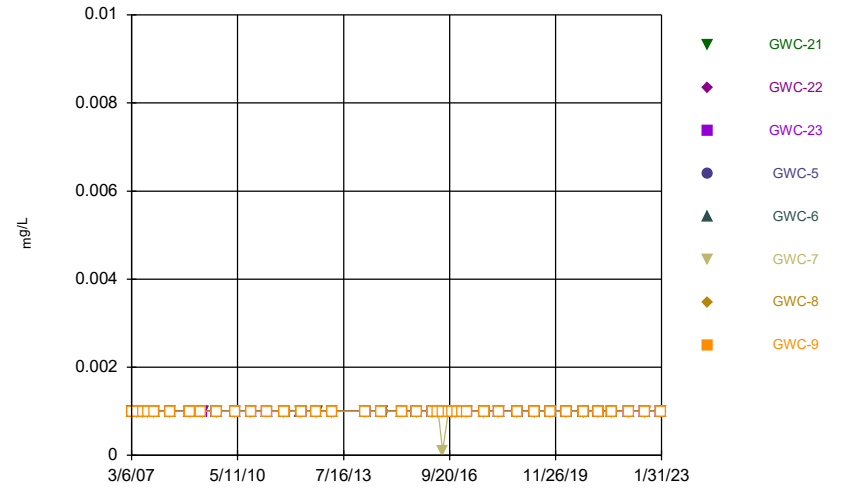
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Time Series



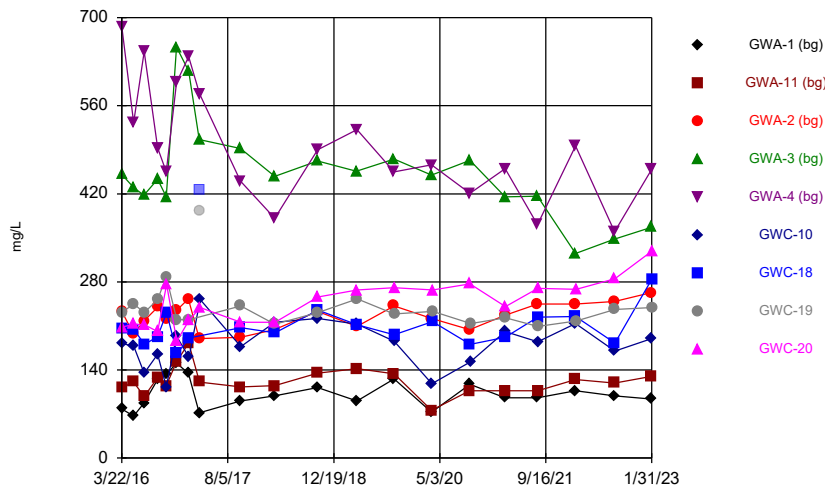
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Time Series



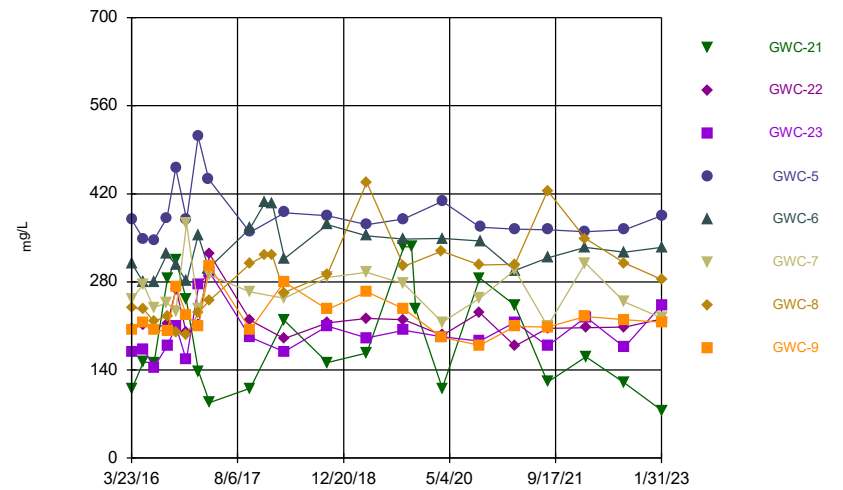
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Time Series



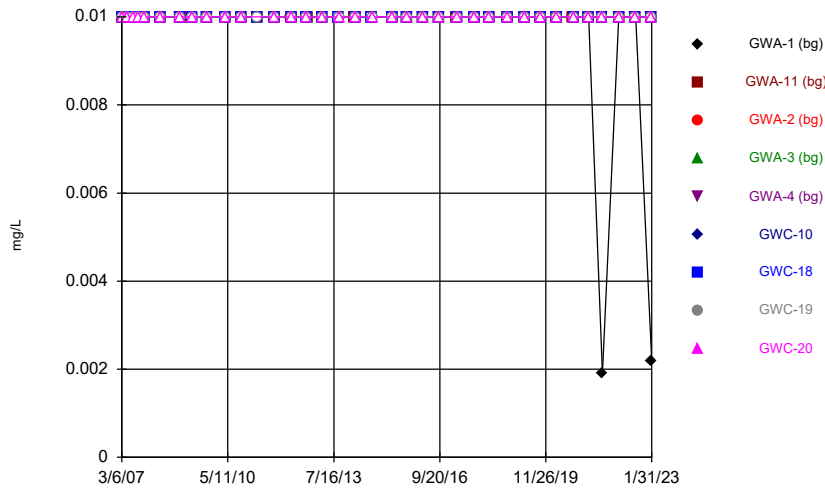
Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



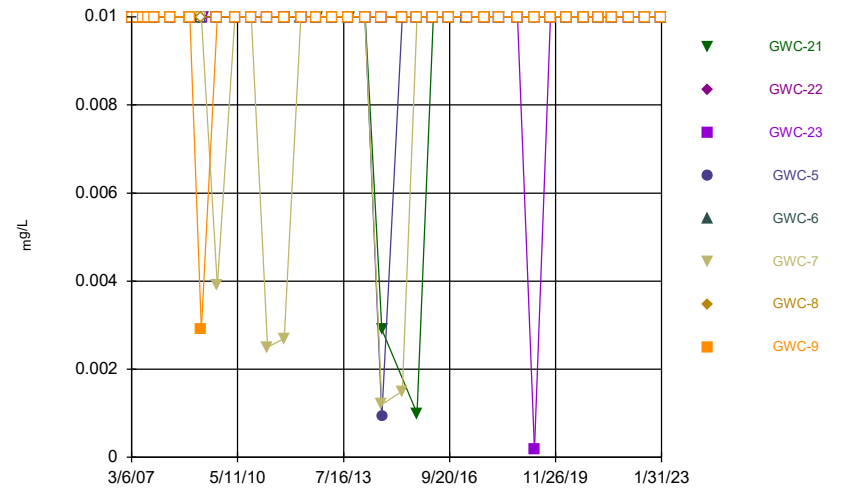
Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



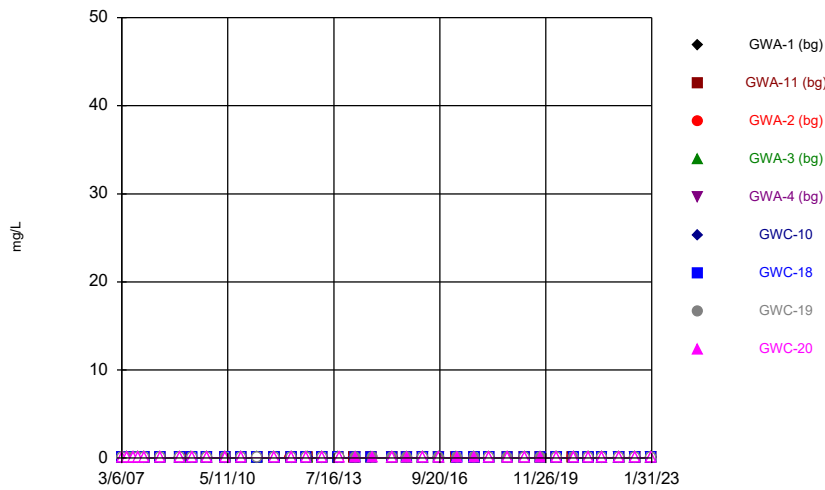
Constituent: Vanadium Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



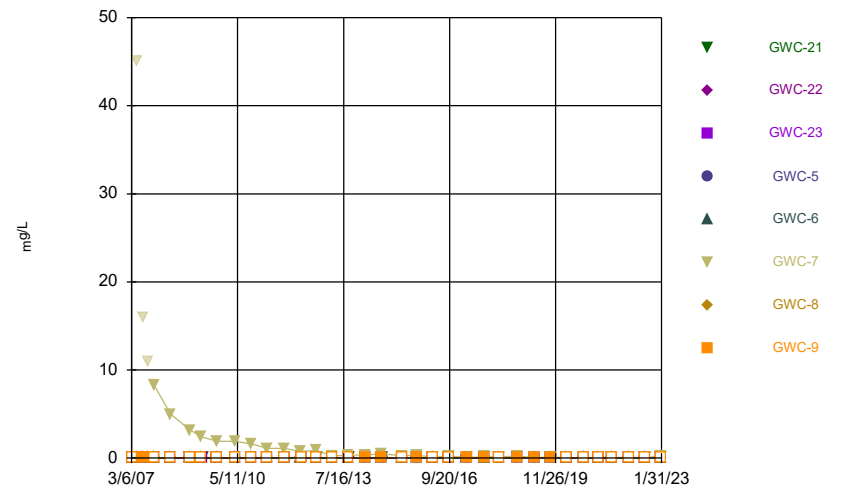
Constituent: Vanadium Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



Constituent: Zinc Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series



Constituent: Zinc Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.003		<0.003	<0.003	<0.003			<0.003	
3/7/2007		<0.003				<0.003	<0.003		<0.003
5/8/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
5/9/2007							<0.003	<0.003	<0.003
7/7/2007	<0.003		<0.003						
7/17/2007		<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
8/28/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
8/29/2007									<0.003
11/6/2007	<0.003		<0.003	<0.003	<0.003				
11/7/2007		<0.003				<0.003	<0.003	<0.003	<0.003
5/7/2008							<0.003	<0.003	<0.003
5/8/2008				<0.003	<0.003				
5/9/2008	<0.003	<0.003	<0.003			<0.003			
12/2/2008		<0.003				<0.003			
12/3/2008	<0.003		<0.003	<0.003	<0.003		<0.003		
12/4/2008								<0.003	
12/5/2008									<0.003
4/7/2009	<0.003		<0.003	<0.003	<0.003				
4/8/2009		<0.003				<0.003			
4/14/2009							<0.003	<0.003	<0.003
9/30/2009									<0.003
10/1/2009	<0.003	<0.003	<0.003			<0.003	<0.003		
10/2/2009				<0.003	<0.003			<0.003	
4/13/2010							<0.003	<0.003	<0.003
4/14/2010	<0.003	<0.003		<0.003	<0.003	<0.003			
10/7/2010			<0.003						
10/12/2010							<0.003	<0.003	<0.003
10/13/2010	<0.003	<0.003				<0.003			
10/14/2010				<0.003	<0.003				
4/5/2011				<0.003	<0.003				
4/6/2011	<0.003	<0.003	<0.003			<0.003	<0.003	<0.003	
10/4/2011		<0.003				<0.003			
10/6/2011			<0.003						
10/10/2011	<0.003								
10/12/2011				<0.003	<0.003		<0.003	<0.003	<0.003
4/3/2012	<0.003		<0.003						
4/4/2012				<0.003	<0.003				
4/5/2012							<0.003	<0.003	
4/9/2012									<0.003
4/10/2012		<0.003				<0.003			
9/19/2012			<0.003				<0.003		
9/24/2012	<0.003				<0.003				
9/25/2012								<0.003	<0.003
9/26/2012		<0.003		<0.003		<0.003			
3/12/2013	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
3/13/2013							<0.003	<0.003	<0.003
9/9/2013			<0.003						
9/10/2013		<0.003		<0.003	<0.003	<0.003	<0.003		
9/11/2013	<0.003							<0.003	<0.003
3/4/2014	<0.003	<0.003	<0.003			<0.003			
3/10/2014							<0.003	<0.003	<0.003
3/11/2014				<0.003	<0.003				

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.003	<0.003	<0.003			<0.003	<0.003		
9/8/2014				<0.003	<0.003				
9/9/2014								<0.003	<0.003
4/21/2015	<0.003	<0.003		<0.003	<0.003	<0.003			
4/22/2015			<0.003				<0.003	<0.003	
4/23/2015									<0.003
9/29/2015		<0.003		<0.003	<0.003				
9/30/2015	<0.003		<0.003			<0.003	<0.003	<0.003	<0.003
3/22/2016	<0.003	<0.003	<0.003	<0.003	<0.003				
3/23/2016						<0.003			<0.003
3/24/2016							<0.003	<0.003	
5/17/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
5/18/2016							<0.003	<0.003	<0.003
7/5/2016	<0.003		<0.003	<0.003					
7/6/2016		0.0003 (J)			0.0003 (J)	0.0005 (J)		0.0003 (J)	
7/7/2016							<0.003		<0.003
9/7/2016	<0.003	<0.003	0.0021 (J)	0.0009 (J)	<0.003	<0.003			
9/8/2016							<0.003	<0.003	<0.003
10/18/2016	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	
10/19/2016							<0.003		<0.003
12/6/2016	<0.003	<0.003		<0.003	<0.003	<0.003			
12/7/2016			<0.003					<0.003	<0.003
12/8/2016							<0.003		
1/31/2017	<0.003		<0.003						
2/1/2017		<0.003		<0.003	<0.003				
2/2/2017						<0.003	<0.003	<0.003	
2/3/2017									<0.003
3/23/2017	<0.003		<0.003	<0.003					
3/24/2017		<0.003			<0.003				
3/27/2017						<0.003	<0.003	<0.003	<0.003
10/4/2017	<0.003		<0.003	<0.003	<0.003				
10/5/2017		<0.003				<0.003	<0.003	<0.003	<0.003
3/14/2018	<0.003		<0.003						
3/15/2018		<0.003		<0.003	<0.003	<0.003		<0.003	
3/16/2018							<0.003		<0.003
10/4/2018	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	
10/5/2018							<0.003		<0.003
4/5/2019				<0.003					
4/8/2019	<0.003	<0.003	<0.003		<0.003				
4/9/2019						<0.003	<0.003	<0.003	<0.003
9/30/2019	<0.003	<0.003	<0.003	<0.003	<0.003				
10/1/2019						<0.003	<0.003	<0.003	<0.003
3/26/2020	0.00028 (J)	<0.003	0.00049 (J)	<0.003	<0.003				
3/27/2020						<0.003			
3/30/2020							<0.003		
3/31/2020								<0.003	<0.003
9/21/2020			<0.003						
9/22/2020		<0.003							
9/23/2020	<0.003			<0.003	<0.003				<0.003
9/24/2020							0.00033 (J)		
9/25/2020						<0.003			
9/28/2020								<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.003	0.0005 (J)		<0.003	0.0016 (J)				
3/9/2021			<0.003			<0.003	<0.003		
3/10/2021								<0.003	<0.003
8/9/2021	<0.003		0.0023 (J)	<0.003	<0.003				
8/10/2021		<0.003				<0.003	<0.003	<0.003	<0.003
2/4/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		
2/7/2022								<0.003	<0.003
8/8/2022	0.00084 (J)	<0.003	<0.003	<0.003	<0.003				
8/9/2022						<0.003	<0.003	<0.003	<0.003
1/30/2023	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
1/31/2023							<0.003	<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.003	<0.003	<0.003					
3/7/2007				<0.003	<0.003			<0.003
5/8/2007				<0.003				<0.003
5/9/2007	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	
7/6/2007				<0.003		<0.003	<0.003	<0.003
7/17/2007	<0.003	<0.003	<0.003		<0.003			
8/28/2007				<0.003	<0.003	<0.003	<0.003	<0.003
8/29/2007	<0.003	<0.003	<0.003					
11/6/2007				<0.003	<0.003	<0.003	0.0064 (o)	<0.003
11/7/2007	<0.003	<0.003	<0.003					
5/7/2008	<0.003	<0.003	<0.003					
5/8/2008				<0.003	<0.003	<0.003	<0.003	<0.003
12/2/2008						<0.003	<0.003	<0.003
12/3/2008				<0.003	<0.003			
12/5/2008	<0.003	<0.003	<0.003					
4/7/2009				<0.003	<0.003			
4/8/2009						<0.003	<0.003	<0.003
4/14/2009		<0.003	<0.003					
4/27/2009	<0.003							
9/30/2009	<0.003	<0.003					<0.003	<0.003
10/1/2009			<0.003	<0.003	<0.003	<0.003		
4/13/2010	<0.003	<0.003			<0.003	<0.003	<0.003	<0.003
4/14/2010			<0.003	<0.003				
10/6/2010					<0.003			
10/7/2010						<0.003		
10/12/2010	<0.003	<0.003						
10/13/2010			<0.003				<0.003	<0.003
10/14/2010				<0.003				
4/5/2011				<0.003	<0.003	<0.003	<0.003	<0.003
4/6/2011		<0.003	<0.003					
10/4/2011					<0.003	<0.003	<0.003	<0.003
10/5/2011	<0.003	<0.003						
10/12/2011			<0.003	<0.003				
4/3/2012					<0.003	<0.003	<0.003	
4/4/2012				<0.003				<0.003
4/9/2012		<0.003	<0.003					
4/10/2012	<0.003							
9/18/2012					<0.003	<0.003		
9/19/2012			<0.003				<0.003	<0.003
9/24/2012				<0.003				
9/25/2012		<0.003						
9/26/2012	<0.003							
3/12/2013				<0.003	<0.003	<0.003	<0.003	<0.003
3/13/2013	<0.003	<0.003	<0.003					
9/9/2013					<0.003			
9/10/2013			<0.003	<0.003		<0.003	<0.003	<0.003
9/11/2013	<0.003	<0.003						
3/5/2014				<0.003	<0.003	<0.003	<0.003	<0.003
3/11/2014	<0.003	<0.003	<0.003					
9/3/2014			<0.003					<0.003
9/8/2014					<0.003	<0.003		
9/9/2014	<0.003	<0.003		<0.003			<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.003		<0.003		<0.003
4/22/2015					<0.003		<0.003	
4/23/2015		<0.003	<0.003					
9/29/2015				<0.003	<0.003	<0.003	<0.003	<0.003
9/30/2015	<0.003	<0.003	<0.003					
3/23/2016		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/24/2016	<0.003							
5/17/2016				<0.003	<0.003			
5/18/2016	<0.003	<0.003				<0.003	<0.003	<0.003
5/19/2016			<0.003					
7/6/2016				0.0004 (J)	0.0005 (J)	0.0013 (J)	0.0002 (J)	<0.003
7/7/2016	<0.003	<0.003	<0.003					
9/7/2016				<0.003	<0.003	<0.003		
9/8/2016	<0.003	<0.003	<0.003				<0.003	<0.003
10/18/2016				<0.003	<0.003	<0.003	<0.003	
10/19/2016	<0.003	<0.003	<0.003					<0.003
12/7/2016	<0.003	<0.003	<0.003					
12/8/2016				<0.003	<0.003	<0.003	<0.003	0.0012 (J)
2/1/2017				<0.003	<0.003			
2/2/2017	<0.003	<0.003				<0.003	<0.003	<0.003
2/3/2017			<0.003					
3/23/2017				<0.003	<0.003			
3/24/2017						<0.003	<0.003	
3/27/2017	<0.003	<0.003	<0.003					<0.003
10/4/2017				<0.003	<0.003	<0.003		
10/5/2017	<0.003	<0.003	<0.003				<0.003	<0.003
3/14/2018							<0.003	
3/15/2018	<0.003	<0.003	<0.003			<0.003		<0.003
3/16/2018				<0.003	<0.003			
10/4/2018	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	
10/5/2018			<0.003					<0.003
4/8/2019			<0.003		<0.003	<0.003	<0.003	<0.003
4/9/2019	<0.003	<0.003		<0.003				
10/1/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/26/2020			<0.003					
3/27/2020							<0.003	<0.003
3/30/2020						<0.003		
3/31/2020	<0.003	<0.003		<0.003	<0.003			
9/23/2020		<0.003	<0.003					
9/24/2020	<0.003					0.0008 (J)	0.0019 (J)	0.00056 (J)
9/25/2020				0.00052 (J)	<0.003			
3/9/2021	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
8/10/2021	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2/4/2022				<0.003	<0.003	<0.003	<0.003	<0.003
2/7/2022	<0.003	<0.003	<0.003					
8/8/2022			<0.003		<0.003			
8/9/2022	<0.003	<0.003		<0.003			<0.003	<0.003
8/10/2022						<0.003		
1/31/2023	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.005				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		<0.005				<0.005	<0.005	<0.005	<0.005
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.005	<0.005			<0.005			
12/2/2008		<0.005				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.005				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005	<0.005			<0.005	<0.005		
10/2/2009				<0.005	0.0065			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.005		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.005				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.005				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.005				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				<0.005				
9/25/2012								<0.005	<0.005
9/26/2012		<0.005		<0.005		<0.005			
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.005		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	<0.005	<0.005	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				0.005	<0.005				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	<0.005	<0.005			<0.005	<0.005		
9/8/2014				0.0034 (J)	<0.005			<0.005	<0.005
9/9/2014									
4/21/2015	<0.005	<0.005		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		<0.005		0.0025 (J)	<0.005				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
5/17/2016	<0.005	<0.005	<0.005	0.00129 (J)	<0.005	<0.005			
5/18/2016							<0.005	<0.005	<0.005
7/5/2016	<0.005		<0.005	0.001 (J)					
7/6/2016		<0.005			<0.005	<0.005		<0.005	
7/7/2016							<0.005		<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/19/2016							<0.005		<0.005
12/6/2016	<0.005	<0.005		<0.005	<0.005	<0.005			
12/7/2016			<0.005					<0.005	<0.005
12/8/2016							<0.005		
1/31/2017	<0.005		<0.005						
2/1/2017		<0.005		<0.005	<0.005				
2/2/2017						<0.005	<0.005	<0.005	
2/3/2017									<0.005
3/23/2017	<0.005		<0.005	0.0006 (J)					
3/24/2017		<0.005			0.0006 (J)				
3/27/2017						<0.005	0.0005 (J)	<0.005	<0.005
10/4/2017	<0.005		<0.005	0.0011 (J)	<0.005				
10/5/2017		<0.005				<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		<0.005		0.00066 (J)	0.0014 (J)	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	<0.005	<0.005	0.0008 (J)	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				0.00035 (J)					
4/8/2019	<0.005	0.00012 (J)	<0.005		0.00023 (J)				
4/9/2019						<0.005	0.00063 (J)	<0.005	<0.005
9/30/2019	<0.005	<0.005	<0.005	0.00058 (J)	<0.005				
10/1/2019						<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	<0.005	0.00048 (J)	0.00044 (J)				
3/27/2020						<0.005			
3/30/2020							0.00073 (J)		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		<0.005							
9/23/2020	<0.005			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								<0.005	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.005	<0.005		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	<0.005				
8/10/2021		<0.005				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/9/2022						<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				<0.005
5/9/2007	<0.005	<0.005	<0.005		<0.005	0.038 (o)	<0.005	
7/6/2007				<0.005		<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	<0.005	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005					
5/7/2008	<0.005	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						<0.005	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	<0.005							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	<0.005		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	<0.005	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		0.0053	<0.005	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				0.0017 (J)	<0.005	0.0052	0.0022 (J)	<0.005
3/11/2014	<0.005	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	0.0058		
9/9/2014	<0.005	<0.005		<0.005			<0.005	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		0.0088		<0.005
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	0.0086	<0.005	<0.005
9/30/2015	0.0023 (J)	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	0.00693	<0.005	<0.005
3/24/2016	<0.005							
5/17/2016				<0.005	<0.005			
5/18/2016	<0.005	<0.005				0.00451 (J)	<0.005	<0.005
5/19/2016			<0.005					
7/6/2016				<0.005	<0.005	0.0063	<0.005	<0.005
7/7/2016	0.0012 (J)	<0.005	<0.005					
9/7/2016				<0.005	<0.005	0.0065		
9/8/2016	<0.005	<0.005	<0.005				<0.005	<0.005
10/18/2016				<0.005	<0.005	0.0056	<0.005	
10/19/2016	<0.005	<0.005	<0.005					<0.005
12/7/2016	<0.005	<0.005	<0.005					
12/8/2016				<0.005	<0.005	0.0065	<0.005	<0.005
2/1/2017				<0.005	<0.005			
2/2/2017	<0.005	<0.005				0.002 (J)	<0.005	<0.005
2/3/2017			<0.005					
3/23/2017				<0.005	<0.005			
3/24/2017						0.0027 (J)	0.0005 (J)	
3/27/2017	<0.005	<0.005	<0.005					<0.005
10/4/2017				0.0006 (J)	<0.005	0.0056		
10/5/2017	0.001 (J)	<0.005	<0.005				0.0008 (J)	<0.005
3/14/2018							0.00064 (J)	
3/15/2018	<0.005	<0.005	<0.005			0.0037 (J)		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	0.0034 (J)	<0.005		<0.005	<0.005	0.0049 (J)	<0.005	
10/5/2018			<0.005					<0.005
4/8/2019			0.00034 (J)		<0.005	0.0057	0.0015 (J)	<0.005
4/9/2019	0.0018 (J)	<0.005		<0.005				
10/1/2019	<0.005	<0.005	0.00082 (J)	<0.005	<0.005	0.01	0.0028 (J)	0.00071 (J)
11/6/2019						0.011		
3/26/2020			<0.005					
3/27/2020							0.002 (J)	<0.005
3/30/2020						0.0052		
3/31/2020	0.00035 (J)	<0.005		<0.005	<0.005			
9/23/2020		<0.005	<0.005					
9/24/2020	0.0011 (J)					0.0064	0.0043 (J)	<0.005
9/25/2020				<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	0.0052	0.0018 (J)	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	0.0072	0.005	<0.005
2/4/2022				<0.005	<0.005	0.0042 (J)	0.0015 (J)	<0.005
2/7/2022	<0.005	<0.005	<0.005					
8/8/2022			<0.005		<0.005			
8/9/2022	<0.005	<0.005		<0.005			<0.005	<0.005
8/10/2022						0.0093		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005	0.0028 (J)	<0.005	<0.005

Time Series

Constituent: Barium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	0.032		0.12	0.17	0.13			0.088	
3/7/2007		0.03				0.15	0.072		0.11
5/8/2007	0.04	0.032	0.11	0.21	0.12	0.14			
5/9/2007							0.063	0.07	0.082
7/7/2007	0.041		0.11						
7/17/2007		0.028		0.21	0.12	0.1	0.058	0.063	0.078
8/28/2007	0.044	0.03	0.13	0.2	0.13	0.1	0.06	0.066	
8/29/2007									0.096
11/6/2007	0.044		0.12	0.19	0.12				
11/7/2007		0.032				0.11	0.072	0.07	0.1
5/7/2008							0.076	0.071	0.11
5/8/2008				0.2	0.13				
5/9/2008	0.03	0.032	0.12			0.15			
12/2/2008		0.036				0.11			
12/3/2008	0.047		0.12	0.18	0.14		0.066		
12/4/2008								0.068	
12/5/2008									0.11
4/7/2009	0.032		0.13	0.2	0.097				
4/8/2009		0.04				0.16			
4/14/2009							0.08	0.076	0.11
9/30/2009									0.12
10/1/2009	0.043	0.039	0.14			0.11	0.074		
10/2/2009				0.2	0.11			0.07	
4/13/2010			0.15				0.062	0.085	0.11
4/14/2010	0.032	0.041		0.2	0.059	0.15			
10/7/2010			0.16						
10/12/2010							0.078	0.075	0.12
10/13/2010	0.046	0.039				0.1			
10/14/2010				0.18	0.053				
4/5/2011				0.16	0.042				
4/6/2011	0.034	0.034	0.14			0.13	0.066	0.077	
10/4/2011		0.032				0.089			
10/6/2011			0.16						
10/10/2011	0.038								
10/12/2011				0.15	0.048		0.071	0.12	0.11
4/3/2012	0.0363		0.165						
4/4/2012				0.165	0.044				
4/5/2012							0.0675	0.143	
4/9/2012									0.13
4/10/2012		0.0425				0.126			
9/19/2012			0.16				0.073		
9/24/2012	0.041				0.048				
9/25/2012								0.13	0.13
9/26/2012		0.035		0.17		0.093			
3/12/2013	0.041	0.035	0.16	0.17	0.043	0.13			
3/13/2013							0.075	0.14	0.12
9/9/2013			0.17						
9/10/2013		0.035		0.18	0.042	0.14	0.081		
9/11/2013	0.048							0.15	0.12
3/4/2014	0.036	0.031	0.16			0.11			
3/10/2014							0.064	0.13	0.11
3/11/2014				0.17	0.04				

Time Series

Constituent: Barium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	0.04	0.033	0.17			0.1	0.078		
9/8/2014				0.16	0.042				
9/9/2014								0.16	0.11
4/21/2015	0.033	0.03		0.16	0.05	0.14			
4/22/2015			0.17				0.067	0.15	
4/23/2015									0.11
9/29/2015		0.031		0.14	0.044				
9/30/2015	0.042		0.15			0.096	0.075	0.15	0.11
3/22/2016	0.0326	0.0327	0.197	0.188	0.0397				
3/23/2016						0.132			0.115
3/24/2016							0.0818	0.152	
5/17/2016	0.0387	0.0323	0.178	0.193	0.0351	0.122			
5/18/2016							0.0763	0.146	0.128
7/5/2016	0.0403		0.182	0.172					
7/6/2016		0.0344			0.0475	0.101		0.152	
7/7/2016							0.0747		0.124
9/7/2016	0.0413	0.0324	0.172	0.164	0.0415	0.0985			
9/8/2016							0.081	0.142	0.121
10/18/2016	0.0409	0.0311	0.174	0.138	0.0424	0.104		0.145	
10/19/2016							0.084		0.117
12/6/2016	0.0408	0.0311		0.149	0.0528	0.1			
12/7/2016			0.167					0.133	0.11
12/8/2016							0.0799		
1/31/2017	0.0435		0.176						
2/1/2017		0.0332		0.121	0.0482				
2/2/2017						0.147	0.0813	0.14	
2/3/2017									0.123
3/23/2017	0.038		0.157	0.143					
3/24/2017		0.032			0.0595				
3/27/2017						0.158	0.0714	0.152	0.112
10/4/2017	0.0396		0.143	0.139	0.0486				
10/5/2017		0.0325				0.106	0.0755	0.142	0.128
3/14/2018	0.039		0.17						
3/15/2018		0.031		0.17	0.04	0.18		0.14	
3/16/2018							0.074		0.12
5/15/2018						0.16			
10/4/2018	0.039	0.033	0.18	0.16	0.05	0.2		0.16	
10/5/2018							0.081		0.12
12/11/2018						0.18			
1/11/2019						0.17			
4/5/2019				0.13					
4/8/2019	0.031	0.031	0.15		0.047				
4/9/2019						0.17	0.081	0.15	0.13
9/30/2019	0.042	0.03	0.17	0.14	0.051				
10/1/2019						0.12	0.082	0.15	0.14
3/26/2020	0.032	0.031	0.16	0.14	0.049				
3/27/2020						0.037			
3/30/2020							0.077		
3/31/2020								0.17	0.15
6/19/2020									0.14 (R)
9/21/2020			0.18						
9/22/2020		0.031							

Time Series

Constituent: Barium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/23/2020	0.041			0.14	0.043				0.13
9/24/2020							0.079		
9/25/2020						0.11			
9/28/2020								0.15	
3/8/2021	0.035	0.031		0.12	0.052				
3/9/2021			0.17			0.15	0.077		
3/10/2021								0.15	0.13
8/9/2021	0.046		0.19	0.12	0.034				
8/10/2021		0.03				0.14	0.093	0.14	0.14
2/4/2022	0.038	0.031	0.18	0.081	0.037	0.16	0.08		
2/7/2022								0.14	0.14
8/8/2022	0.04	0.029	0.18	0.1	0.04				
8/9/2022						0.12	0.08	0.14	0.15
1/30/2023	0.037	0.03	0.2	0.07	0.037	0.17			
1/31/2023							0.077	0.15	0.14

Time Series

Constituent: Barium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	0.038	0.023	0.05					
3/7/2007				0.1	0.057			0.059
5/8/2007				0.11				0.055
5/9/2007	0.046	0.034	0.055		0.054	0.011	0.13	
7/6/2007				0.11		0.0065	0.12	0.052
7/17/2007	0.06	0.034	0.048		0.059			
8/28/2007				0.1	0.061	0.0095	0.11	0.047
8/29/2007	0.07	0.048	0.056					
11/6/2007				0.1	0.074	0.013	0.1	0.048
11/7/2007	0.055	0.042	0.07					
5/7/2008	0.032	0.078	0.063					
5/8/2008				0.11	0.079	0.011	0.1	0.052
12/2/2008						0.011	0.11	0.056
12/3/2008				0.091	0.1			
12/5/2008	0.06	0.067	0.068					
4/7/2009				0.094	0.091			
4/8/2009						0.0091	0.1	0.057
4/14/2009		0.083	0.062					
4/27/2009	0.032							
9/30/2009	0.046	0.086					0.099	0.055
10/1/2009			0.064	0.097	0.092	0.0098		
4/13/2010	0.035	0.087			0.095	0.0084	0.098	0.053
4/14/2010			0.048	0.096				
10/6/2010					0.11			
10/7/2010						0.01		
10/12/2010	0.15	0.082						
10/13/2010			0.071				0.092	0.054
10/14/2010				0.1				
4/5/2011				0.092	0.1	0.015	0.085	0.035 (o)
4/6/2011		0.082	0.042					
10/4/2011					0.11	0.01	0.091	0.058
10/5/2011	0.055	0.082						
10/12/2011			0.066	0.12				
4/3/2012					0.116	0.0426	0.101	
4/4/2012				0.105				0.0632
4/9/2012		0.0959	0.0628					
4/10/2012	0.0399							
9/18/2012					0.12	0.02		
9/19/2012			0.073				0.1	0.061
9/24/2012				0.13				
9/25/2012		0.09						
9/26/2012	0.093							
3/12/2013				0.1	0.11	0.35	0.098	0.056
3/13/2013	0.066	0.092	0.057					
9/9/2013					0.13			
9/10/2013			0.066	0.13		0.11	0.11	0.067
9/11/2013	0.053	0.096						
3/5/2014				0.084	0.12	0.054	0.087	0.055
3/11/2014	0.039	0.085	0.054					
9/3/2014			0.06					0.051
9/8/2014					0.13	0.044		
9/9/2014	0.14	0.096		0.11			0.1	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				0.11		0.065		0.059
4/22/2015					0.14		0.095	
4/23/2015		0.093	0.06					
9/29/2015				0.097	0.14	0.036	0.093	0.06
9/30/2015	0.15	0.096	0.076					
3/23/2016		0.0938	0.0533	0.0993	0.156	0.263	0.0918	0.0636
3/24/2016	0.046							
5/17/2016				0.104	0.168			
5/18/2016	0.0557	0.0983				0.245	0.0957	0.0629
5/19/2016			0.074					
7/6/2016				0.104	0.171	0.117	0.0935	0.0646
7/7/2016	0.0596	0.121	0.0766					
9/7/2016				0.0945	0.154	0.0703		
9/8/2016	0.184	0.0917	0.0726				0.0925	0.063
10/18/2016				0.0928	0.159	0.068	0.0939	
10/19/2016	0.186	0.091	0.072					0.0644
12/7/2016	0.174	0.0868	0.0732					
12/8/2016				0.1	0.156	0.0791	0.0996	0.0648
2/1/2017				0.0972	0.163			
2/2/2017	0.0783	0.0939				0.17	0.096	0.0656
2/3/2017			0.0619					
3/23/2017				0.105	0.161			
3/24/2017						0.181	0.106	
3/27/2017	0.0363	0.0905	0.0602					0.0619
10/4/2017				0.102	0.171	0.0937		
10/5/2017	0.0562	0.0945	0.0734				0.103	0.0655
3/14/2018							0.1	
3/15/2018	0.086	0.096	0.053			0.15		0.062
3/16/2018				0.091	0.17			
10/4/2018	0.079	0.1		0.084	0.19	0.08	0.11	
10/5/2018			0.065					0.07
4/8/2019			0.059		0.15	0.24	0.13	0.058
4/9/2019	0.05	0.094		0.067				
6/18/2019							0.17	
10/1/2019	0.18	0.1	0.082	0.09	0.18	0.085	0.12	0.071
3/26/2020			0.071					
3/27/2020							0.14	0.06
3/30/2020						0.21		
3/31/2020	0.044	0.1		0.064	0.18			
9/23/2020		0.1	0.079					
9/24/2020	0.19					0.11	0.14	0.06
9/25/2020				0.074	0.16			
3/9/2021	0.12	0.089	0.085	0.063	0.17	0.31	0.14	0.059
8/10/2021	0.057	0.091	0.085	0.077	0.18	0.14	0.23 (o)	0.067
2/4/2022				0.061	0.16	0.35	0.17	0.067
2/7/2022	0.063	0.092	0.091					
8/8/2022			0.078		0.15			
8/9/2022	0.056	0.098		0.074			0.16	0.068
8/10/2022						0.098		
1/31/2023	0.033	0.09	0.11	0.064	0.15	0.047	0.12	0.064

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.0005		<0.0005	<0.0005	<0.0005			<0.0005	
3/7/2007		<0.0005				<0.0005	<0.0005		<0.0005
5/8/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
5/9/2007							<0.0005	<0.0005	<0.0005
7/7/2007	<0.0005		<0.0005						
7/17/2007		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
8/29/2007									<0.0005
11/6/2007	<0.0005		<0.0005	<0.0005	<0.0005				
11/7/2007		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
5/7/2008							<0.0005	<0.0005	<0.0005
5/8/2008				<0.0005	<0.0005				
5/9/2008	<0.0005	<0.0005	<0.0005			<0.0005			
12/2/2008		<0.0005				<0.0005			
12/3/2008	<0.0005		<0.0005	<0.0005	<0.0005		<0.0005		
12/4/2008								<0.0005	
12/5/2008									<0.0005
4/7/2009	<0.0005		<0.0005	<0.0005	<0.0005				
4/8/2009		<0.0005				<0.0005			
4/14/2009							<0.0005	<0.0005	<0.0005
9/30/2009									<0.0005
10/1/2009	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
10/2/2009				<0.0005	<0.0005			<0.0005	
4/13/2010			<0.0005				<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			
10/7/2010			<0.0005						
10/12/2010							<0.0005	<0.0005	<0.0005
10/13/2010	<0.0005	<0.0005				<0.0005			
10/14/2010				<0.0005	<0.0005				
4/5/2011				<0.0005	<0.0005				
4/6/2011	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	
10/4/2011		<0.0005				<0.0005			
10/6/2011			<0.0005						
10/10/2011	<0.0005								
10/12/2011				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
4/3/2012	<0.0005		<0.0005						
4/4/2012				<0.0005	<0.0005				
4/5/2012							<0.0005	<0.0005	
4/9/2012									<0.0005
4/10/2012		<0.0005				<0.0005			
9/19/2012			<0.0005				<0.0005		
9/24/2012	<0.0005				<0.0005				
9/25/2012								<0.0005	<0.0005
9/26/2012		<0.0005		<0.0005		<0.0005			
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2013							<0.0005	<0.0005	<0.0005
9/9/2013			<0.0005						
9/10/2013		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		
9/11/2013	<0.0005							<0.0005	<0.0005
3/4/2014	<0.0005	<0.0005	<0.0005			<0.0005			
3/10/2014							<0.0005	<0.0005	<0.0005
3/11/2014				<0.0005	<0.0005				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
9/8/2014				<0.0005	<0.0005				
9/9/2014								<0.0005	<0.0005
4/21/2015	<0.0005	<0.0005		8E-05 (J)	<0.0005	<0.0005			
4/22/2015			<0.0005				<0.0005	<0.0005	
4/23/2015									<0.0005
9/29/2015		<0.0005		<0.0005	<0.0005				
9/30/2015	<0.0005		<0.0005			<0.0005	<0.0005	<0.0005	<0.0005
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/23/2016						<0.0005			<0.0005
3/24/2016							<0.0005	<0.0005	
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
5/18/2016							<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005					
7/6/2016		<0.0005			<0.0005	<0.0005		<0.0005	
7/7/2016							<0.0005		<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/8/2016							<0.0005	<0.0005	<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
10/19/2016							<0.0005		<0.0005
12/6/2016	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			
12/7/2016			<0.0005					<0.0005	<0.0005
12/8/2016							<0.0005		
1/31/2017	<0.0005		<0.0005						
2/1/2017		<0.0005		<0.0005	<0.0005				
2/2/2017						<0.0005	<0.0005	<0.0005	
2/3/2017									<0.0005
3/23/2017	<0.0005		<0.0005	<0.0005					
3/24/2017		<0.0005			<0.0005				
3/27/2017						<0.0005	<0.0005	<0.0005	<0.0005
10/4/2017	<0.0005		<0.0005	<0.0005	<0.0005				
10/5/2017		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
3/14/2018	<0.0005		<0.0005						
3/15/2018		<0.0005		<0.0005	<0.0005	<0.0005		<0.0005	
3/16/2018							<0.0005		<0.0005
10/4/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
10/5/2018							<0.0005		<0.0005
4/5/2019				<0.0005					
4/8/2019	<0.0005	<0.0005	<0.0005		<0.0005				
4/9/2019						<0.0005	<0.0005	<0.0005	<0.0005
9/30/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/1/2019						<0.0005	<0.0005	<0.0005	<0.0005
3/26/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/27/2020						<0.0005			
3/30/2020							<0.0005		
3/31/2020								<0.0005	<0.0005
9/21/2020			<0.0005						
9/22/2020		<0.0005							
9/23/2020	<0.0005			<0.0005	<0.0005				<0.0005
9/24/2020							<0.0005		
9/25/2020						<0.0005			
9/28/2020								0.0001 (J)	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.0005	<0.0005		<0.0005	<0.0005				
3/9/2021			<0.0005			<0.0005	<0.0005		
3/10/2021								<0.0005	<0.0005
8/9/2021	<0.0005		<0.0005	<0.0005	<0.0005				
8/10/2021		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/7/2022								<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
8/9/2022						<0.0005	<0.0005	<0.0005	<0.0005
1/30/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
1/31/2023							<0.0005	<0.0005	<0.0005

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.0005	<0.0005	<0.0005					
3/7/2007				<0.0005	<0.0005			<0.0005
5/8/2007				<0.0005				<0.0005
5/9/2007	<0.0005	<0.0005	<0.0005		<0.0005	0.28 (o)	<0.0005	
7/6/2007				<0.0005		0.093 (o)	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005	<0.0005		<0.0005			
8/28/2007				<0.0005	<0.0005	0.057 (o)	<0.0005	<0.0005
8/29/2007	<0.0005	<0.0005	<0.0005					
11/6/2007				<0.0005	<0.0005	0.036 (o)	<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005	<0.0005					
5/7/2008	<0.0005	<0.0005	<0.0005					
5/8/2008				<0.0005	<0.0005	0.013	<0.0005	<0.0005
12/2/2008						0.01	<0.0005	<0.0005
12/3/2008				<0.0005	<0.0005			
12/5/2008	<0.0005	<0.0005	<0.0005					
4/7/2009				<0.0005	<0.0005			
4/8/2009						0.0076	<0.0005	<0.0005
4/14/2009		<0.0005	<0.0005					
4/27/2009	<0.0005							
9/30/2009	<0.0005	<0.0005					<0.0005	<0.0005
10/1/2009			<0.0005	<0.0005	<0.0005	0.0057		
4/13/2010	<0.0005	<0.0005			<0.0005	0.0061	<0.0005	<0.0005
4/14/2010			<0.0005	<0.0005				
10/6/2010					<0.0005			
10/7/2010						0.0039		
10/12/2010	<0.0005	<0.0005						
10/13/2010			<0.0005				<0.0005	<0.0005
10/14/2010				<0.0005				
4/5/2011				<0.0005	<0.0005	0.0025	<0.0005	<0.0005
4/6/2011		<0.0005	<0.0005					
10/4/2011					<0.0005	0.0024	<0.0005	<0.0005
10/5/2011	<0.0005	<0.0005						
10/12/2011			<0.0005	<0.0005				
4/3/2012					<0.0005	0.0008	<0.0005	
4/4/2012				<0.0005				<0.0005
4/9/2012		<0.0005	<0.0005					
4/10/2012	<0.0005							
9/18/2012					<0.0005	0.002		
9/19/2012			<0.0005				<0.0005	<0.0005
9/24/2012				<0.0005				
9/25/2012		<0.0005						
9/26/2012	<0.0005							
3/12/2013				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/13/2013	<0.0005	<0.0005	<0.0005					
9/9/2013					<0.0005			
9/10/2013			<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
9/11/2013	<0.0005	<0.0005						
3/5/2014				<0.0005	<0.0005	0.00037 (J)	<0.0005	<0.0005
3/11/2014	<0.0005	<0.0005	<0.0005					
9/3/2014			<0.0005					<0.0005
9/8/2014					<0.0005	0.00055 (J)		
9/9/2014	<0.0005	<0.0005		<0.0005			<0.0005	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.0005		0.00033 (J)		<0.0005
4/22/2015					<0.0005		<0.0005	
4/23/2015		<0.0005	<0.0005					
9/29/2015				<0.0005	<0.0005	0.00046 (J)	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005	<0.0005					
3/23/2016		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/24/2016	<0.0005							
5/17/2016				<0.0005	<0.0005			
5/18/2016	<0.0005	<0.0005				<0.0005	<0.0005	<0.0005
5/19/2016			<0.0005					
7/6/2016				<0.0005	<0.0005	0.0002 (J)	<0.0005	<0.0005
7/7/2016	<0.0005	<0.0005	<0.0005					
9/7/2016				<0.0005	<0.0005	0.0002 (J)		
9/8/2016	<0.0005	<0.0005	<0.0005				<0.0005	<0.0005
10/18/2016				<0.0005	<0.0005	0.0002 (J)	<0.0005	
10/19/2016	<0.0005	<0.0005	<0.0005					<0.0005
12/7/2016	<0.0005	<0.0005	<0.0005					
12/8/2016				<0.0005	<0.0005	0.0003 (J)	<0.0005	<0.0005
2/1/2017				<0.0005	<0.0005			
2/2/2017	<0.0005	<0.0005				<0.0005	<0.0005	<0.0005
2/3/2017			<0.0005					
3/23/2017				<0.0005	<0.0005			
3/24/2017						<0.0005	<0.0005	
3/27/2017	<0.0005	<0.0005	<0.0005					<0.0005
10/4/2017				<0.0005	<0.0005	0.0001 (J)		
10/5/2017	<0.0005	<0.0005	<0.0005				<0.0005	<0.0005
3/14/2018							<0.0005	
3/15/2018	<0.0005	<0.0005	<0.0005			<0.0005		<0.0005
3/16/2018				<0.0005	<0.0005			
10/4/2018	<0.0005	<0.0005		<0.0005	<0.0005	0.0002 (J)	<0.0005	
10/5/2018			<0.0005					<0.0005
4/8/2019			<0.0005		<0.0005	5.8E-05 (J)	<0.0005	<0.0005
4/9/2019	<0.0005	<0.0005		<0.0005				
10/1/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0001 (J)	<0.0005	<0.0005
3/26/2020			<0.0005					
3/27/2020							<0.0005	<0.0005
3/30/2020						<0.0005		
3/31/2020	<0.0005	<0.0005		<0.0005	<0.0005			
9/23/2020		<0.0005	<0.0005					
9/24/2020	<0.0005					5E-05 (J)	<0.0005	<0.0005
9/25/2020				<0.0005	<0.0005			
3/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	6.1E-05 (J)	<0.0005	<0.0005
2/4/2022				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/7/2022	<0.0005	<0.0005	<0.0005					
8/8/2022			<0.0005		<0.0005			
8/9/2022	<0.0005	<0.0005		<0.0005			<0.0005	<0.0005
8/10/2022						7.6E-05 (J)		
1/31/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00021 (J)	<0.0005	<0.0005

Time Series

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:31 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	<0.1	0.04 (J)	0.0828 (J)	0.135	0.0815 (J)				
3/23/2016						0.0354 (J)			<0.1
3/24/2016							0.122	0.173	
5/17/2016	<0.1	0.0358 (J)	0.0844 (J)	0.132	0.0838 (J)	0.0349 (J)			
5/18/2016							0.139	0.186	0.0229 (J)
7/5/2016	0.0419 (J)		0.0962 (J)	0.161					
7/6/2016		0.0373 (J)			0.111	0.0308 (J)		0.184	
7/7/2016							0.12		0.0169 (J)
9/7/2016	0.0174 (J)	0.0352 (J)	0.0884 (J)	0.163	0.107	0.0283 (J)			
9/8/2016							0.126	0.173	0.0178 (J)
10/18/2016	0.0192 (J)	0.0332 (J)	0.0889 (J)	0.154	0.118	0.0292 (J)		0.171	
10/19/2016							0.133		0.018 (J)
12/6/2016	0.0182 (J)	0.033 (J)		0.142	0.106	0.0287 (J)			
12/7/2016			0.0954					0.203	0.0248 (J)
12/8/2016							0.119		
1/31/2017	0.0193 (J)		0.0939						
2/1/2017		0.0365 (J)		0.143	0.0949				
2/2/2017						0.0334 (J)	0.132	0.187	
2/3/2017									0.0171 (J)
3/23/2017	0.0192 (J)		0.0869	0.15					
3/24/2017		0.0343 (J)			0.0887				
3/27/2017						0.0396 (J)	0.134	0.182	0.0181 (J)
10/4/2017	0.0199 (J)		0.0914	0.182	0.105				
10/5/2017		0.0325 (J)				0.0294 (J)	0.125	0.166	0.0178 (J)
3/14/2018	0.019 (J)		0.075						
3/15/2018		0.037 (J)		0.14	0.043	0.038 (J)		0.17	
3/16/2018							0.12		0.016 (J)
10/4/2018	0.021 (J)	0.035 (J)	0.082	0.16	0.1	0.038 (J)		0.17	
10/5/2018							0.15		0.017 (J)
4/5/2019				0.12					
4/8/2019	0.019 (J)	0.034 (J)	0.071 (J)		0.057 (J)				
4/9/2019						0.035 (J)	0.12	0.17	0.011 (J)
9/30/2019	0.025 (J)	0.039 (J)	0.084	0.17	0.11				
10/1/2019						0.031 (J)	0.14	0.17	0.019 (J)
3/26/2020	0.022 (J)	0.041 (J)	0.092 (J)	0.14	0.086 (J)				
3/27/2020						0.04 (J)			
3/30/2020							0.13		
3/31/2020								0.18	0.024 (J)
9/21/2020			0.086 (J)						
9/22/2020		0.038 (J)							
9/23/2020	0.047 (J)			0.15	0.087 (J)				0.018 (J)
9/24/2020							0.13		
9/25/2020						0.036 (J)			
9/28/2020								0.17	
3/8/2021	0.021 (J)	0.042		0.13	0.089				
3/9/2021			0.081			0.037 (J)	0.13		
3/10/2021								0.16	0.018 (J)
8/9/2021	0.021 (J)		0.085	0.14	0.073				
8/10/2021		0.034 (J)				0.033 (J)	0.14	0.14	0.013 (J)
2/4/2022	0.018 (J)	0.037 (J)	0.083	0.094	0.06	0.037 (J)	0.12		
2/7/2022								0.15	0.015 (J)
8/8/2022	0.026 (J)	0.035 (J)	0.087	0.15	0.077				

Time Series

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/9/2022						0.031 (J)	0.12	0.14	0.015 (J)
1/30/2023	0.026 (J)	0.038 (J)	0.086	0.094	0.058	0.038 (J)			
1/31/2023							0.12	0.13	0.015 (J)

Time Series

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		0.0649 (J)	<0.1	0.0509 (J)	0.0379 (J)	0.0574 (J)	0.0213 (J)	<0.1
3/24/2016	0.0232 (J)							
5/17/2016				0.0565 (J)	0.0395 (J)			
5/18/2016	0.0289 (J)	0.0781 (J)				0.0686 (J)	0.028 (J)	0.0202 (J)
5/19/2016			0.0212 (J)					
7/6/2016				0.0628 (J)	0.0393 (J)	0.0675 (J)	0.0231 (J)	0.0171 (J)
7/7/2016	0.0313 (J)	0.0621 (J)	0.0183 (J)					
9/7/2016				0.0648 (J)	0.04 (J)	0.0582 (J)		
9/8/2016	0.0593 (J)	0.0607 (J)	0.017 (J)				0.0234 (J)	0.0157 (J)
10/18/2016				0.0666 (J)	0.0366 (J)	0.0577 (J)	0.0228 (J)	
10/19/2016	0.087 (J)	0.0733 (J)	0.0203 (J)					0.0152 (J)
12/7/2016	0.127	0.0758	0.0215 (J)					
12/8/2016				0.062	0.0397 (J)	0.0572	0.0251 (J)	0.0178 (J)
2/1/2017				0.0516	0.0381 (J)			
2/2/2017	0.0318 (J)	0.0729				0.0534	0.0238 (J)	0.0151 (J)
2/3/2017			0.0812					
3/23/2017				0.0597	0.0416			
3/24/2017						0.0532	0.0234 (J)	
3/27/2017	0.0225 (J)	0.0698	0.125 (o)					0.0203 (J)
10/4/2017				0.0658	0.0382 (J)	0.0563		
10/5/2017	0.0304 (J)	0.0677	0.0375 (J)				0.0329 (J)	0.0157 (J)
3/14/2018							0.024 (J)	
3/15/2018	0.025 (J)	0.07	0.051			0.053		0.013 (J)
3/16/2018				0.047	0.044			
5/16/2018					0.042			
10/4/2018	0.029 (J)	0.065		0.066	0.038 (J)	0.048	0.047 (J)	
10/5/2018			0.039 (J)					0.017 (J)
4/8/2019			0.022 (J)		0.036 (J)	0.049 (J)	0.055 (J)	0.015 (J)
4/9/2019	0.014 (J)	0.063		0.048				
10/1/2019	0.059	0.066	0.024 (J)	0.071	0.042	0.05	0.046	0.018 (J)
3/26/2020			0.042 (J)					
3/27/2020							0.056 (J)	0.018 (J)
3/30/2020						0.049 (J)		
3/31/2020	0.022 (J)	0.067 (J)		0.057 (J)	0.091 (Jo)			
6/18/2020					0.045 (JR)			
6/19/2020							0.086 (JR)	
9/23/2020		0.061 (J)	0.024 (J)					
9/24/2020	0.061 (J)					0.045 (J)	0.055 (J)	0.016 (J)
9/25/2020				0.08 (J)	0.047 (J)			
3/9/2021	0.03 (J)	0.065	0.044	0.046	0.038 (J)	0.041	0.05	0.014 (J)
8/10/2021	0.026 (J)	0.057	0.027 (J)	0.056	0.037 (J)	0.037 (J)	0.088	0.012 (J)
2/4/2022				0.04	0.039 (J)	0.055	0.055	0.013 (J)
2/7/2022	0.018 (J)	0.064	0.052					
8/8/2022			0.022 (J)		0.038 (J)			
8/9/2022	0.029 (J)	0.059		0.058			0.043	0.014 (J)
8/10/2022						0.046		
1/31/2023	0.013 (J)	0.052	0.06	0.043	0.037 (J)	0.025 (J)	0.029 (J)	0.012 (J)

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.0005		<0.0005	<0.0005	<0.0005			<0.0005	
3/7/2007		<0.0005				<0.0005	<0.0005		<0.0005
5/8/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
5/9/2007							<0.0005	<0.0005	<0.0005
7/7/2007	<0.0005		<0.0005						
7/17/2007		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/28/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
8/29/2007									<0.0005
11/6/2007	<0.0005		<0.0005	<0.0005	<0.0005				
11/7/2007		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
5/7/2008							<0.0005	<0.0005	<0.0005
5/8/2008				<0.0005	<0.0005				
5/9/2008	<0.0005	<0.0005	<0.0005			<0.0005			
12/2/2008		<0.0005				<0.0005			
12/3/2008	<0.0005		<0.0005	<0.0005	<0.0005		<0.0005		
12/4/2008								<0.0005	
12/5/2008									<0.0005
4/7/2009	<0.0005		<0.0005	<0.0005	<0.0005				
4/8/2009		<0.0005				<0.0005			
4/14/2009							<0.0005	<0.0005	<0.0005
9/30/2009									<0.0005
10/1/2009	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
10/2/2009				<0.0005	<0.0005			<0.0005	
4/13/2010			<0.0005				<0.0005	<0.0005	<0.0005
4/14/2010	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			
10/7/2010			<0.0005						
10/12/2010							<0.0005	<0.0005	<0.0005
10/13/2010	<0.0005	<0.0005				<0.0005			
10/14/2010				<0.0005	<0.0005				
4/5/2011				<0.0005	<0.0005				
4/6/2011	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	
10/4/2011		<0.0005				<0.0005			
10/6/2011			<0.0005						
10/10/2011	<0.0005								
10/12/2011				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
4/3/2012	<0.0005		<0.0005						
4/4/2012				<0.0005	<0.0005				
4/5/2012							<0.0005	<0.0005	
4/9/2012									<0.0005
4/10/2012		<0.0005				<0.0005			
9/19/2012			<0.0005				<0.0005		
9/24/2012	<0.0005				<0.0005				
9/25/2012								<0.0005	<0.0005
9/26/2012		<0.0005		<0.0005		<0.0005			
3/12/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
3/13/2013							<0.0005	<0.0005	<0.0005
9/9/2013			<0.0005						
9/10/2013		<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		
9/11/2013	<0.0005							<0.0005	<0.0005
3/4/2014	<0.0005	<0.0005	<0.0005			<0.0005			
3/10/2014							<0.0005	<0.0005	<0.0005
3/11/2014				<0.0005	<0.0005				

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
9/8/2014				<0.0005	<0.0005				
9/9/2014								<0.0005	<0.0005
4/21/2015	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			
4/22/2015			<0.0005				<0.0005	<0.0005	
4/23/2015									<0.0005
9/29/2015		<0.0005		<0.0005	<0.0005				
9/30/2015	<0.0005		<0.0005			<0.0005	<0.0005	<0.0005	<0.0005
3/22/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/23/2016						<0.0005			<0.0005
3/24/2016							<0.0005	<0.0005	
5/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
5/18/2016							<0.0005	<0.0005	<0.0005
7/5/2016	<0.0005		<0.0005	<0.0005					
7/6/2016		<0.0005			<0.0005	<0.0005		<0.0005	
7/7/2016							<0.0005		<0.0005
9/7/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
9/8/2016							<0.0005	<0.0005	<0.0005
10/18/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
10/19/2016							<0.0005		<0.0005
12/6/2016	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005			
12/7/2016			<0.0005					<0.0005	<0.0005
12/8/2016							<0.0005		
1/31/2017	<0.0005		<0.0005						
2/1/2017		<0.0005		<0.0005	0.0001 (J)				
2/2/2017						9E-05 (J)	8E-05 (J)	<0.0005	
2/3/2017									<0.0005
3/23/2017	<0.0005		<0.0005	<0.0005					
3/24/2017		<0.0005			<0.0005				
3/27/2017						<0.0005	<0.0005	<0.0005	<0.0005
10/4/2017	<0.0005		<0.0005	<0.0005	<0.0005				
10/5/2017		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
3/14/2018	<0.0005		<0.0005						
3/15/2018		<0.0005		<0.0005	<0.0005	<0.0005		<0.0005	
3/16/2018							<0.0005		<0.0005
10/4/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
10/5/2018							<0.0005		0.00011 (J)
4/5/2019				<0.0005					
4/8/2019	<0.0005	<0.0005	<0.0005		<0.0005				
4/9/2019						<0.0005	<0.0005	<0.0005	<0.0005
9/30/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/1/2019						<0.0005	<0.0005	<0.0005	<0.0005
3/26/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
3/27/2020						<0.0005			
3/30/2020							<0.0005		
3/31/2020								<0.0005	<0.0005
9/21/2020			<0.0005						
9/22/2020		<0.0005							
9/23/2020	<0.0005			<0.0005	<0.0005				<0.0005
9/24/2020							<0.0005		
9/25/2020						<0.0005			
9/28/2020								<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.0005	<0.0005		<0.0005	<0.0005				
3/9/2021			<0.0005			<0.0005	<0.0005		
3/10/2021								<0.0005	<0.0005
8/9/2021	<0.0005		<0.0005	<0.0005	<0.0005				
8/10/2021		<0.0005				<0.0005	<0.0005	<0.0005	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/7/2022								<0.0005	<0.0005
8/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
8/9/2022						<0.0005	<0.0005	<0.0005	<0.0005
1/30/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
1/31/2023							<0.0005	<0.0005	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.0005	<0.0005	<0.0005					
3/7/2007				0.0015	<0.0005			<0.0005
5/8/2007				<0.0005				<0.0005
5/9/2007	<0.0005	<0.0005	<0.0005		<0.0005	0.023 (o)	<0.0005	
7/6/2007				<0.0005		0.0081 (o)	<0.0005	<0.0005
7/17/2007	<0.0005	<0.0005	<0.0005		<0.0005			
8/28/2007				<0.0005	<0.0005	0.0035	<0.0005	<0.0005
8/29/2007	<0.0005	<0.0005	<0.0005					
11/6/2007				<0.0005	<0.0005	0.0028	<0.0005	<0.0005
11/7/2007	<0.0005	<0.0005	<0.0005					
5/7/2008	<0.0005	<0.0005	<0.0005					
5/8/2008				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
12/2/2008						<0.0005	<0.0005	<0.0005
12/3/2008				<0.0005	<0.0005			
12/5/2008	<0.0005	<0.0005	<0.0005					
4/7/2009				<0.0005	<0.0005			
4/8/2009						0.0013	<0.0005	<0.0005
4/14/2009		<0.0005	<0.0005					
4/27/2009	<0.0005							
9/30/2009	<0.0005	<0.0005					<0.0005	<0.0005
10/1/2009			<0.0005	<0.0005	<0.0005	<0.0005		
4/13/2010	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005
4/14/2010			<0.0005	<0.0005				
10/6/2010					<0.0005			
10/7/2010						<0.0005		
10/12/2010	<0.0005	<0.0005						
10/13/2010			<0.0005				<0.0005	<0.0005
10/14/2010				<0.0005				
4/5/2011				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4/6/2011		<0.0005	<0.0005					
10/4/2011					<0.0005	<0.0005	<0.0005	<0.0005
10/5/2011	<0.0005	<0.0005						
10/12/2011			<0.0005	<0.0005				
4/3/2012					<0.0005	<0.0005	<0.0005	
4/4/2012				<0.0005				<0.0005
4/9/2012		<0.0005	<0.0005					
4/10/2012	<0.0005							
9/18/2012					<0.0005	<0.0005		
9/19/2012			<0.0005				<0.0005	<0.0005
9/24/2012				<0.0005				
9/25/2012		<0.0005						
9/26/2012	<0.0005							
3/12/2013				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/13/2013	<0.0005	<0.0005	<0.0005					
9/9/2013					<0.0005			
9/10/2013			<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
9/11/2013	<0.0005	<0.0005						
3/5/2014				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/11/2014	<0.0005	<0.0005	<0.0005					
9/3/2014			<0.0005					<0.0005
9/8/2014					<0.0005	<0.0005		
9/9/2014	<0.0005	<0.0005		<0.0005			<0.0005	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.0005		0.0015		0.00029 (J)
4/22/2015					<0.0005		<0.0005	
4/23/2015		<0.0005	<0.0005					
9/29/2015				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/30/2015	<0.0005	<0.0005	<0.0005					
3/23/2016		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/24/2016	<0.0005							
5/17/2016				<0.0005	<0.0005			
5/18/2016	<0.0005	<0.0005				<0.0005	<0.0005	<0.0005
5/19/2016			<0.0005					
7/6/2016				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/7/2016	0.0001 (J)	<0.0005	<0.0005					
9/7/2016				<0.0005	<0.0005	<0.0005		
9/8/2016	<0.0005	<0.0005	<0.0005				<0.0005	<0.0005
10/18/2016				<0.0005	<0.0005	<0.0005	<0.0005	
10/19/2016	<0.0005	<0.0005	<0.0005					<0.0005
12/7/2016	<0.0005	<0.0005	<0.0005					
12/8/2016				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/1/2017				<0.0005	<0.0005			
2/2/2017	0.0001 (J)	<0.0005				0.0001 (J)	8E-05 (J)	8E-05 (J)
2/3/2017			8E-05 (J)					
3/23/2017				<0.0005	<0.0005			
3/24/2017						<0.0005	<0.0005	
3/27/2017	<0.0005	<0.0005	<0.0005					<0.0005
10/4/2017				<0.0005	<0.0005	<0.0005		
10/5/2017	<0.0005	<0.0005	<0.0005				<0.0005	<0.0005
3/14/2018							<0.0005	
3/15/2018	<0.0005	<0.0005	<0.0005			<0.0005		<0.0005
3/16/2018				<0.0005	<0.0005			
10/4/2018	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2018			<0.0005					<0.0005
4/8/2019			<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
4/9/2019	<0.0005	<0.0005		<0.0005				
10/1/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/26/2020			<0.0005					
3/27/2020							<0.0005	<0.0005
3/30/2020						<0.0005		
3/31/2020	<0.0005	<0.0005		<0.0005	<0.0005			
9/23/2020		<0.0005	<0.0005					
9/24/2020	<0.0005					<0.0005	<0.0005	<0.0005
9/25/2020				<0.0005	<0.0005			
3/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/4/2022				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/7/2022	<0.0005	<0.0005	<0.0005					
8/8/2022			<0.0005		<0.0005			
8/9/2022	<0.0005	<0.0005		<0.0005			<0.0005	<0.0005
8/10/2022						<0.0005		
1/31/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	13.9	23.8	47.4	79.3	123				
3/23/2016						43.9			56.3
3/24/2016							40.7	43.9	
5/17/2016	15.6	21.5	45.5	75.8	99.2	40.1			
5/18/2016							41.9	48.2	59
7/5/2016	15.7		40.5	65.3					
7/6/2016		20.6			109	32.3		45.8	
7/7/2016							36.8		50.9
9/7/2016	18.2	16.7	37.3	59.8	67.2	28.9			
9/8/2016							35.9	40.9	48
10/18/2016	17.7	20.3	46.6	72.4	77.9	35.4		45.5	
10/19/2016							38.7		49.7
12/6/2016	16.9	19.7		78.6	93.3	34.3			
12/7/2016			43.5					40.6	46.4
12/8/2016							39.4		
1/31/2017	17.9		39.2						
2/1/2017		18.1		85	92.8				
2/2/2017						38.1	41.5	42.4	
2/3/2017									49
3/23/2017	13.9		38.7	81.2					
3/24/2017		21.1			96.3				
3/27/2017						45.4	39.1	45.5	50.7
10/4/2017	15.9		36.5	78.8	75.1				
10/5/2017		20.1				35.8	41.6	42.9	52
3/14/2018	<25		39.5						
3/15/2018		<25		83.5	69.9	52.4		43.3	
3/16/2018							45.9		53.4
5/15/2018						48.4			
5/16/2018							40		
10/4/2018	15.9 (J)	21.3 (J)	41.7	75.2	77.8	51.2		43.7	
10/5/2018							39.6		52.7
12/11/2018						49.3			
4/5/2019				76.5					
4/8/2019	15.7	22.4	44.1		86.6				
4/9/2019						48.8	41.4	45.8	57.1
9/30/2019	17.6	19.6	44.6	74.7	78.3				
10/1/2019						36.8	38.7	42.3	59.1
3/26/2020	14	22.4	43.2	78.7	87.4				
3/27/2020						22.9			
3/30/2020							45.7		
3/31/2020								52.3	63.6
6/19/2020								41.3 (R)	61.4 (R)
9/21/2020			45.8						
9/22/2020		19.5							
9/23/2020	17.6			76.2	74.9				55.8
9/24/2020							36.9		
9/25/2020						39.4			
9/28/2020								44.7	
3/8/2021	16.2 (M1)	22		73.5	87.2				
3/9/2021			48.7			48.7	44.9		
3/10/2021								47.4	64.9
8/9/2021	20.2		49.9	73.2	69.7				

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/10/2021		20.8				45.5	48.2	44.9	62
2/4/2022	18.3	23.7	57.6	59 (M1)	97.3	52.8	56.1		
2/7/2022								49	68.7
8/8/2022	17.2	21.1	51.2	61	68.9				
8/9/2022						43.9	44.4	48.7	66.3
1/30/2023	15.8 (M1)	20.4	46.8	53.1	73.6	43.7			
1/31/2023							40.4	42.5	62

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		49.9	36.4	79	64.1	45.2	69.1	36
3/24/2016	31.4							
5/17/2016				74.6	62.8			
5/18/2016	39.2	50.7				46.5	63.7	37.3
5/19/2016			41.5					
7/6/2016				66.9	59.5	29.1	56.8	32.8
7/7/2016	36	45.5	33.5					
9/7/2016				61.6	53.7	19.2		
9/8/2016	70	46.8	34.7				51.3	32.1
10/18/2016				71.6	62.3	22.6	52.6	
10/19/2016	63	47.3	33.4					35
12/7/2016	54.7	45.3	35.5					
12/8/2016				67.6	58.8	17.5	43.7	33.4
2/1/2017				82.5	59.6			
2/2/2017	37.4	49.9				54.4	56.5	34.3
2/3/2017			31.7					
3/23/2017				84.4	62.9			
3/24/2017						56.8	64.4	
3/27/2017	20.9	45.8	32					34.9
10/4/2017				70.8	62.4	30.5		
10/5/2017	26.8	47.3	41				59.9	34.7
3/14/2018							58.8	
3/15/2018	62.8	46.8	39.8			43.4		35.3
3/16/2018				78.1	66.9			
10/4/2018	48.6	50.4		73	65.5	26.1	264 (o)	
10/5/2018			39.3					37.8
12/11/2018							64.3	
4/8/2019			39.8		67	56.1	81.5	36.3
4/9/2019	35.4	47.3		73.9				
6/18/2019							83.7	
6/27/2019							75.9	
10/1/2019	82.8	46.9	39.1	70.6	64.2	28.5	64	37.2
11/6/2019	74.9							
11/26/2019	45.8							
3/26/2020			44.7					
3/27/2020							87.3	34.3
3/30/2020						47.8		
3/31/2020	25.6	51.5		84.2	70.6			
9/23/2020		45.9	39.2					
9/24/2020	73.4					39.5	81.4	35.9
9/25/2020				77.1	71.3			
3/9/2021	67.8	48.7	54.3	85.4	70.8	64.3	83.2	36.8
8/10/2021	29.7	48.1	48.2	78.3	67.7	40.5	111	38.1
2/4/2022				79.5	71.2	68.3	92.6	39.8
2/7/2022	39.7	52.6	64.9					
8/8/2022			40.6		70.5			
8/9/2022	30.2	51.3		76.6			83.8	38.6
8/10/2022						33.3		
1/31/2023	16.2	43.8	58.3	75.5	62.5	19	69.2	34.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	1.1933	1.3137	2.0975	4.0352	5.549				
3/23/2016						1.3507			1.4238
3/24/2016							1.1313	1.6497	
5/17/2016	1.14	1.29	2.1	3.81	6.74	1.28			
5/18/2016								1.74	1.57
5/19/2016							1.13		
7/5/2016	1.4		2.4	4					
7/6/2016		1.6			5.2	1.5		2.1	
7/7/2016							1.5		1.7
9/7/2016	1	1.5	2.5	4.2	7.2	1.5			
9/8/2016							1.4	1.9	1.5
10/18/2016	1.1	1.6	2.7	4.4	7.4	1.4		2.1	
10/19/2016							1.4		1.7
12/6/2016	1	1.2		4.6	7.6	1.3			
12/7/2016			2.6					2	1.8
12/8/2016							1.4		
1/31/2017	1.2		2.5						
2/1/2017		2.1		3.7	8.5				
2/2/2017						1.8	1.6	2.3	
2/3/2017									2
3/23/2017	1.1		2	3.5					
3/24/2017		1.3			7				
3/27/2017						1.7	1.5	2.1	1.8
10/4/2017	1.1		2.2	3.6	7.4				
10/5/2017		1.3				1.5	1.4	1.9	5.5 (o)
12/14/2017									1.5
3/14/2018	1.2		2.4						
3/15/2018		1.6		3.8	1.7	2		1.9	
3/16/2018							1.5		1.9
5/15/2018						1.4			
10/4/2018	1.4	1.8	2.5	3.4	6.1	2.1		2	
10/5/2018							1.5		2.2
12/11/2018						1.9			1.8
4/5/2019				4.2					
4/8/2019	1.1	1.3	2.6		3.6				
4/9/2019						1.9	1.6	1.9	1.8
9/30/2019	1.4	1.5	3	4.1	7.5				
10/1/2019						1.5	0.94 (J)	1.3	1.1
3/26/2020	1.1	1.4	2	2.6	5.4				
3/27/2020						1.2			
3/30/2020							1		
3/31/2020								1.3	1.1
9/21/2020			2.1						
9/22/2020		1							
9/23/2020	1.6			2.8	4.2				1.1
9/24/2020							0.94 (J)		
9/25/2020						1.1			
9/28/2020								1.3	
3/8/2021	1.1	1.3		2.8	5.6				
3/9/2021			2.1			1.1	0.97 (J)		
3/10/2021								1.3	1.2
8/9/2021	1.1		2.4	2.1	3				

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/10/2021		1.2				1.2	0.93 (J)	1.2	1.2
2/4/2022	0.99 (J)	1.2	2.3	1.1	3.3 (M1)	1.3	0.88 (J)		
2/7/2022								1.1	1.2
8/8/2022	1.2	1.3	2.5	1.9	2.4				
8/9/2022						1.3	1.1	1.6	0.93 (J)
1/30/2023	1.1	1.2	2.2	1.2	3.4	1.3			
1/31/2023							0.8 (J)	1.2	1.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		1.2595	1.5409	2.5045	1.7709	1.1569	1.4936	0.9561
3/24/2016	2.461							
5/17/2016				2.47	1.75			
5/18/2016	2.61	1.25				1.35		
5/19/2016			1.23				1.35	0.972
7/6/2016				2.9	2	1.9	1.6	1.3
7/7/2016	2.8	1.7	1.7					
9/7/2016				2.8	2	1.7		
9/8/2016	2.3	1.5	1.6				1.4	1
10/18/2016				2.8	2	1.8	1.4	
10/19/2016	2.4	1.6	1.6					1.1
12/7/2016	2.2	1.5	1.7					
12/8/2016				3.1	2	1.6	1.5	1.3
2/1/2017				3.8	2.2			
2/2/2017	3.4	1.8				2	1.7	1.6
2/3/2017			1.9					
3/23/2017				3.4	2			
3/24/2017						1.3	2.1	
3/27/2017	2.7	1.5	1.7					1.4
10/4/2017				3.7	1.7	1.7		
10/5/2017	3.3	1.6	1.4				2	1.1
3/14/2018							2.1	
3/15/2018	3.6	1.7	1.6			1.9		1.3
3/16/2018				3.2	2.1			
5/15/2018	3.2							
10/4/2018	2.4	1.7		3.2	2.2	2	2.3	
10/5/2018			1.6					1.6
12/11/2018							2.3	
1/11/2019							2.8	
4/8/2019			1.5		2.1	1.9	3.2	1
4/9/2019	2.6	1.7		3.3				
10/1/2019	2	1.4	1.1	2.2	1.6	1.2	1.8	0.91 (J)
3/26/2020			0.63 (J)					
3/27/2020							2.5	0.74 (J)
3/30/2020						9.2 (o)		
3/31/2020	1.5	1		2	1.5			
6/19/2020						1.4 (R)		
9/23/2020		1.1	1.1					
9/24/2020	1.8					1.4	2.2	0.82 (J)
9/25/2020				2.3	1.6			
3/9/2021	1.8	1	0.85 (J)	2	1.5	1.5	2.2	0.74 (J)
8/10/2021	2	1.1	1	2.3	1.6	1.6	2.7	0.85 (J)
2/4/2022				1.9	1.6	1.8	3.2	0.78 (J)
2/7/2022	2.7	1	0.7 (J)					
8/8/2022			1.3		1.9			
8/9/2022	4	0.81 (J)		2.4			2.1	1
8/10/2022						1.7		
1/31/2023	1.5	1	<1	2.1	1.7	1.7	1.6	0.72 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.005				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	0.0013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									0.0016
11/6/2007	<0.005		<0.005	0.0014	<0.005				
11/7/2007		0.0024				<0.005	<0.005	<0.005	0.0016
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.005	<0.005			<0.005			
12/2/2008		<0.005				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.005				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.005		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.005				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.005				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.005				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				<0.005				
9/25/2012								<0.005	<0.005
9/26/2012		<0.005		<0.005		<0.005			
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.005		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	0.00032 (J)	<0.005	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	<0.005	<0.005			<0.005	<0.005		
9/8/2014				<0.005	<0.005				
9/9/2014								<0.005	<0.005
4/21/2015	<0.005	<0.005		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		<0.005		<0.005	<0.005				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	0.00424 (J)			
5/18/2016							<0.005	<0.005	<0.005
7/5/2016	<0.005		<0.005	<0.005					
7/6/2016		<0.005			<0.005	<0.005		<0.005	
7/7/2016							<0.005		<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/19/2016							<0.005		0.0064 (J)
12/6/2016	<0.005	0.0018 (J)		<0.005	<0.005	0.0013 (J)			
12/7/2016			<0.005					<0.005	<0.005
12/8/2016							<0.005		
1/31/2017	<0.005		<0.005						
2/1/2017		<0.005		<0.005	<0.005				
2/2/2017						0.001 (J)	<0.005	<0.005	
2/3/2017									<0.005
3/23/2017	<0.005		<0.005	<0.005					
3/24/2017		<0.005			0.0004 (J)				
3/27/2017						<0.005	<0.005	<0.005	<0.005
10/4/2017	<0.005		<0.005	<0.005	<0.005				
10/5/2017		<0.005				<0.005	<0.005	0.0012 (J)	<0.005
3/14/2018	0.016		<0.005						
3/15/2018		<0.005		<0.005	<0.005	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				<0.005					
4/8/2019	<0.005	<0.005	<0.005		<0.005				
4/9/2019						<0.005	<0.005	<0.005	<0.005
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						<0.005	0.00086 (J)	<0.005	<0.005
3/26/2020	<0.005	<0.005	0.00043 (J)	0.00062 (J)	0.0013 (J)				
3/27/2020						<0.005			
3/30/2020							0.00071 (J)		
3/31/2020								0.00042 (J)	<0.005
9/21/2020			<0.005						
9/22/2020		<0.005							
9/23/2020	<0.005			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								0.00063 (J)	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.005	<0.005		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	<0.005				
8/10/2021		<0.005				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/9/2022						<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				0.0013
5/9/2007	<0.005	0.002	0.0013		<0.005	0.11 (o)	<0.005	
7/6/2007				<0.005		0.0029	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	0.0038	<0.005	0.0014
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	0.0035	0.0024
11/7/2007	<0.005	0.0013	<0.005					
5/7/2008	<0.005	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						<0.005	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	<0.005							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	0.0016		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.0018	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		<0.005	0.0017	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2014	<0.005	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	<0.005		
9/9/2014	0.0015	<0.005		<0.005			<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		<0.005		<0.005
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/24/2016	<0.005							
5/17/2016				<0.005	<0.005			
5/18/2016	<0.005	<0.005				<0.005	<0.005	<0.005
5/19/2016			<0.005					
7/6/2016				<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2016	<0.005	<0.005	<0.005					
9/7/2016				<0.005	<0.005	<0.005		
9/8/2016	<0.005	<0.005	<0.005				<0.005	<0.005
10/18/2016				<0.005	<0.005	<0.005	<0.005	
10/19/2016	<0.005	<0.005	<0.005					<0.005
12/7/2016	<0.005	<0.005	<0.005					
12/8/2016				<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017				<0.005	<0.005			
2/2/2017	<0.005	<0.005				<0.005	<0.005	<0.005
2/3/2017			<0.005					
3/23/2017				<0.005	<0.005			
3/24/2017						0.0011 (J)	<0.005	
3/27/2017	<0.005	<0.005	<0.005					<0.005
10/4/2017				<0.005	<0.005	<0.005		
10/5/2017	<0.005	<0.005	<0.005				0.0005 (J)	<0.005
3/14/2018							<0.005	
3/15/2018	<0.005	<0.005	<0.005			<0.005		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
10/5/2018			<0.005					<0.005
4/8/2019			<0.005		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005	0.0023 (J)		<0.005				
10/1/2019	<0.005	<0.005	0.0051 (J)	0.0012 (J)	<0.005	<0.005	0.0005 (J)	<0.005
3/26/2020			<0.005					
3/27/2020							<0.005	<0.005
3/30/2020						0.00041 (J)		
3/31/2020	0.00093 (J)	0.0015 (J)		<0.005	0.00085 (J)			
9/23/2020		<0.005	<0.005					
9/24/2020	<0.005					<0.005	<0.005	<0.005
9/25/2020				<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/4/2022				<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2022	<0.005	<0.005	<0.005					
8/8/2022			<0.005		<0.005			
8/9/2022	<0.005	<0.005		<0.005			<0.005	<0.005
8/10/2022						<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.01				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.01		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		<0.01				<0.005	<0.005	<0.005	<0.005
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.01	<0.005			<0.005			
12/2/2008		<0.01				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.01				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.01	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.01		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.01				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.01	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.01				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.01				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				0.0016				
9/25/2012								<0.005	<0.005
9/26/2012		<0.01		<0.005		<0.005			
3/12/2013	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.01		<0.005	0.002	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	0.00043 (J)	0.00047 (J)	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	0.00076 (J)	0.00065 (J)	<0.005			<0.005	<0.005		
9/8/2014				<0.005	0.001 (J)				
9/9/2014								<0.005	<0.005
4/21/2015	0.00051 (J)	0.00062 (J)		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		0.0009 (J)		<0.005	0.0025 (J)				
9/30/2015	0.0006 (J)		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.01	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
5/17/2016	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005			
5/18/2016							<0.005	<0.005	<0.005
7/5/2016	0.0004 (J)		<0.005	0.0003 (J)					
7/6/2016		0.0009 (J)			0.0004 (J)	<0.005		<0.005	
7/7/2016							<0.005		<0.005
9/7/2016	<0.005	0.0011 (J)	<0.005	<0.005	0.0008 (J)	<0.005			
9/8/2016							<0.005	<0.005	<0.005
10/18/2016	<0.005	0.0011 (J)	<0.005	<0.005	<0.005	<0.005		<0.005	
10/19/2016							<0.005		<0.005
12/6/2016	0.0006 (J)	0.0011 (J)		0.0007 (J)	0.0026 (J)	<0.005			
12/7/2016			<0.005					<0.005	<0.005
12/8/2016							<0.005		
1/31/2017	0.0006 (J)		<0.005						
2/1/2017		0.0011 (J)		<0.005	0.0013 (J)				
2/2/2017						<0.005	<0.005	<0.005	
2/3/2017									<0.005
3/23/2017	0.0007 (J)		<0.005	<0.005					
3/24/2017		0.0008 (J)			0.0014 (J)				
3/27/2017						<0.005	<0.005	<0.005	<0.005
10/4/2017	0.0006 (J)		<0.005	<0.005	0.0012 (J)				
10/5/2017		0.0008 (J)				<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		<0.01		<0.005	<0.005	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	0.00058 (J)	0.00072 (J)	<0.005	<0.005	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				0.00031 (J)					
4/8/2019	0.00026 (J)	0.00076 (J)	6.1E-05 (J)		0.00044 (J)				
4/9/2019						<0.005	<0.005	<0.005	<0.005
9/30/2019	0.00042 (J)	0.00054 (J)	<0.005	<0.005	0.00079 (J)				
10/1/2019						<0.005	<0.005	<0.005	<0.005
3/26/2020	0.00049 (J)	0.00063 (J)	<0.005	<0.005	0.00082 (J)				
3/27/2020						0.00082 (J)			
3/30/2020							<0.005		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		0.00049 (J)							
9/23/2020	0.00051 (J)			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								<0.005	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	0.0005 (J)	0.00049 (J)		<0.005	0.00061 (J)				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	0.00042 (J)	<0.005				
8/10/2021		0.00047 (J)				<0.005	<0.005	<0.005	<0.005
2/4/2022	0.00057 (J)	0.00051 (J)	<0.005	0.00052 (J)	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	0.00045 (J)	0.00058 (J)	<0.005	0.0013 (J)	<0.005				
8/9/2022						<0.005	<0.005	<0.005	<0.005
1/30/2023	0.0005 (J)	0.00043 (J)	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.01	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				<0.005
5/9/2007	<0.01	<0.005	<0.005		<0.005	6.5 (o)	<0.01	
7/6/2007				<0.005		2.1 (o)	<0.01	<0.005
7/17/2007	<0.01	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	1.4 (o)	<0.01	<0.005
8/29/2007	<0.01	<0.005	<0.005					
11/6/2007				<0.005	<0.005	1.1 (o)	<0.01	<0.005
11/7/2007	<0.01	<0.005	<0.005					
5/7/2008	<0.01	<0.005	<0.005					
5/8/2008				<0.005	<0.005	0.75	<0.01	<0.005
12/2/2008						0.41	<0.01	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.01	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						0.38	<0.01	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	<0.01							
9/30/2009	<0.01	<0.005					<0.01	<0.005
10/1/2009			<0.005	<0.005	<0.005	0.29		
4/13/2010	<0.01	<0.005			<0.005	0.26	<0.01	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						0.24		
10/12/2010	<0.01	<0.005						
10/13/2010			<0.005				<0.01	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	0.17	<0.01	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.19	<0.01	<0.005
10/5/2011	<0.01	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	0.114	<0.01	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.01							
9/18/2012					<0.005	0.14		
9/19/2012			<0.005				<0.01	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	0.0033							
3/12/2013				<0.005	<0.005	0.041	<0.01	<0.005
3/13/2013	<0.01	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		0.06	<0.01	<0.005
9/11/2013	0.0018	<0.005						
3/5/2014				<0.005	<0.005	0.049	<0.01	<0.005
3/11/2014	0.00029 (J)	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	0.068		
9/9/2014	0.0011 (J)	<0.005		<0.005			<0.01	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		0.043		<0.005
4/22/2015					<0.005		<0.01	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	0.0525	<0.01	<0.005
9/30/2015	<0.01	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	0.0172	<0.01	<0.005
3/24/2016	<0.01							
5/17/2016				<0.005	<0.005			
5/18/2016	<0.01	<0.005				0.021	<0.01	<0.005
5/19/2016			<0.005					
7/6/2016				<0.005	<0.005	0.0278	<0.01	0.0004 (J)
7/7/2016	0.0016 (J)	<0.005	<0.005					
9/7/2016				<0.005	<0.005	0.0334		
9/8/2016	0.0006 (J)	<0.005	<0.005				<0.01	<0.005
10/18/2016				<0.005	<0.005	0.0368	<0.01	
10/19/2016	0.0006 (J)	<0.005	<0.005					<0.005
12/7/2016	0.0006 (J)	<0.005	<0.005					
12/8/2016				<0.005	<0.005	0.0419	<0.01	<0.005
2/1/2017				<0.005	<0.005			
2/2/2017	<0.01	<0.005				0.0113	<0.01	<0.005
2/3/2017			<0.005					
3/23/2017				0.0007 (J)	<0.005			
3/24/2017						0.0094 (J)	<0.01	
3/27/2017	0.001 (J)	<0.005	<0.005					<0.005
10/4/2017				<0.005	<0.005	0.0237		
10/5/2017	0.0051 (J)	<0.005	<0.005				0.0003 (J)	0.0004 (J)
3/14/2018							<0.01	
3/15/2018	<0.01	<0.005	<0.005			0.014		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	0.0065 (J)	<0.005		<0.005	<0.005	0.024	<0.01	
10/5/2018			0.00058 (J)					<0.005
4/8/2019			0.00046 (J)		0.00022 (J)	0.0086 (J)	0.0017 (J)	0.00041 (J)
4/9/2019	0.0023 (J)	<0.005		<0.005				
10/1/2019	0.00046 (J)	<0.005	0.00033 (J)	<0.005	<0.005	0.017	0.00081 (J)	0.00041 (J)
3/26/2020			0.00035 (J)					
3/27/2020							0.0016 (J)	0.00063 (J)
3/30/2020						0.012		
3/31/2020	0.0019 (J)	<0.005		<0.005	<0.005			
9/23/2020		<0.005	<0.005					
9/24/2020	0.00068 (J)					0.01	0.0011 (J)	<0.005
9/25/2020				0.00057 (J)	<0.005			
3/9/2021	0.00049 (J)	<0.005	<0.005	0.00043 (J)	<0.005	0.0093	0.0013 (J)	0.00042 (J)
8/10/2021	0.0041 (J)	<0.005	<0.005	0.00098 (J)	<0.005	0.013	0.004 (J)	<0.005
2/4/2022				<0.005	<0.005	0.0092	0.0019 (J)	<0.005
2/7/2022	0.0028 (J)	<0.005	<0.005					
8/8/2022			<0.005		<0.005			
8/9/2022	0.0027 (J)	<0.005		0.00061 (J)			0.0013 (J)	<0.005
8/10/2022						0.013		
1/31/2023	0.002 (J)	<0.005	<0.005	<0.005	<0.005	0.031	0.00055 (J)	<0.005

Time Series

Constituent: Copper (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.005				0.0025	<0.005		<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.005		0.0028	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	0.0032	0.0032	0.0039	0.0061	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		0.0036				<0.005	0.0029	0.0035	0.0028
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.005	<0.005			<0.005			
12/2/2008		<0.005				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.005				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.005		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.005				<0.005			
10/14/2010				<0.005	0.0066				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.005							
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.005				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				<0.005				
9/25/2012								<0.005	<0.005
9/26/2012		<0.005		<0.005		<0.005			
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.005		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	<0.005	<0.005	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Copper (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	<0.005	0.0011 (J)			<0.005	0.00099 (J)		
9/8/2014				<0.005	<0.005				
9/9/2014								<0.005	<0.005
4/21/2015	<0.005	<0.005		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		<0.005		<0.005	<0.005				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	<0.005	<0.005
3/23/2017	<0.005		<0.005	<0.005					
3/24/2017		<0.005			<0.005				
3/27/2017						<0.005	<0.005	0.0004 (J)	<0.005
10/4/2017	<0.005		<0.005	<0.005	<0.005				
10/5/2017		<0.005				<0.005	<0.005	0.0005 (J)	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		<0.005		<0.005	<0.005	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				<0.005					
4/8/2019	<0.005	0.0013 (J)	0.00029 (J)		<0.005				
4/9/2019						<0.005	<0.005	0.0014 (J)	<0.005
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						<0.005	0.00037 (J)	0.00019 (J)	0.00023 (J)
3/26/2020	<0.005	<0.005	<0.005	0.00022 (J)	<0.005				
3/27/2020						0.00022 (J)			
3/30/2020							<0.005		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		<0.005							
9/23/2020	<0.005			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								<0.005	
3/8/2021	<0.005	<0.005		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	0.00051 (J)				
8/10/2021		<0.005				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/9/2022						0.0023 (J)	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Copper (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				0.0027	<0.005			0.0043
5/8/2007				0.0026				<0.005
5/9/2007	<0.005	<0.005	<0.005		<0.005	0.44 (o)	<0.005	
7/6/2007				<0.005		0.016	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				0.0036	<0.005	0.0091	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2007	0.0029	0.0033	0.0084					
5/7/2008	0.0026	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						0.003	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	<0.005							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	<0.005		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	<0.005	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		<0.005	<0.005	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2014	<0.005	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	<0.005		
9/9/2014	0.0013 (J)	<0.005		<0.005			<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		0.00082 (J)		<0.005
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005
9/30/2015	0.0008 (J)	<0.005	0.0012 (J)					
3/23/2016		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/24/2016	<0.005							
9/7/2016				<0.005	<0.005	<0.005		
9/8/2016	0.0006 (J)	<0.005	<0.005				<0.005	<0.005
3/23/2017				<0.005	<0.005			
3/24/2017						0.0007 (J)	<0.005	
3/27/2017	0.0005 (J)	<0.005	<0.005					<0.005
10/4/2017				<0.005	<0.005	<0.005		
10/5/2017	<0.005	<0.005	0.0003 (J)				<0.005	<0.005
3/14/2018							<0.005	
3/15/2018	<0.005	<0.005	0.0016 (J)			<0.005		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
10/5/2018			<0.005					<0.005
4/8/2019			0.0005 (J)		<0.005	0.00025 (J)	<0.005	<0.005
4/9/2019	<0.005	<0.005		<0.005				
10/1/2019	0.00084 (J)	0.00031 (J)	0.00083 (J)	0.00031 (J)	0.00023 (J)	0.00034 (J)	0.00036 (J)	<0.005
3/26/2020			0.00067 (J)					
3/27/2020							<0.005	<0.005
3/30/2020						<0.005		
3/31/2020	0.00082 (J)	0.0002 (J)		0.00019 (J)	<0.005			
9/23/2020		<0.005	<0.005					
9/24/2020	<0.005					<0.005	<0.005	<0.005
9/25/2020				<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2021	<0.005	<0.005	0.00078 (J)	<0.005	<0.005	<0.005	<0.005	0.0018 (J)
2/4/2022				<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2022	<0.005	<0.005	0.00088 (J)					
8/8/2022			<0.005		<0.005			
8/9/2022	<0.005	<0.005		<0.005			<0.005	<0.005
8/10/2022						<0.005		
1/31/2023	0.0012 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	0.119 (J)	0.0811 (J)	0.1252 (J)	0.1415 (J)	0.1754 (J)				
3/23/2016						0.1069 (J)			0.0905 (J)
3/24/2016							0.1459 (J)	0.1652 (J)	
5/17/2016	0.1049 (J)	0.0706 (J)	0.1091 (J)	0.1293 (J)	0.1385 (J)	0.0991 (J)			
5/18/2016								0.1459 (J)	0.0864 (J)
5/19/2016							0.1408 (J)		
7/5/2016	0.1 (J)		0.16 (J)	0.21 (J)					
7/6/2016		0.09 (J)			0.22 (J)	0.09 (J)		0.21 (J)	
7/7/2016							0.2 (J)		0.16 (J)
9/7/2016	0.13 (J)	0.04 (J)	0.18 (J)	0.21 (J)	0.2 (J)	0.13 (J)			
9/8/2016							0.14 (J)	0.15 (J)	0.08 (J)
10/18/2016	0.15 (J)	0.07 (J)	0.13 (J)	0.15 (J)	0.16 (J)	0.16 (J)		0.19 (J)	
10/19/2016							0.14 (J)		0.09 (J)
12/6/2016	0.11 (J)	0.13 (J)		0.19 (J)	0.29 (J)	0.12 (J)			
12/7/2016			0.13 (J)					0.24 (J)	0.11 (J)
12/8/2016							0.16 (J)		
1/31/2017	0.02 (J)		0.04 (J)						
2/1/2017		<0.3		0.35	0.48				
2/2/2017						0.07 (J)	0.17 (J)	0.1 (J)	
2/3/2017									0.06 (J)
3/23/2017	0.08 (J)		0.08 (J)	0.39					
3/24/2017		0.01 (J)			0.12 (J)				
3/27/2017						0.05 (J)	0.11 (J)	0.11 (J)	0.04 (J)
10/4/2017	0.07 (J)		0.11 (J)	0.49	0.2 (J)				
10/5/2017		<0.3				0.11 (J)	0.13 (J)	0.13 (J)	0.05 (J)
3/14/2018	<0.3		<0.3						
3/15/2018		<0.3		<0.3	0.4	<0.3		<0.3	
3/16/2018							<0.3		<0.3
10/4/2018	0.17 (J)	0.15 (J)	0.25 (J)	0.24 (J)	0.24 (J)	0.16 (J)		0.21 (J)	
10/5/2018							0.21 (J)		0.17 (J)
4/5/2019				0.31					
4/8/2019	0.057 (J)	0.035 (J)	0.072 (J)		0.12 (J)				
4/9/2019						0.067 (J)	0.1 (J)	0.1 (J)	0.056 (J)
9/30/2019	0.11 (J)	0.099 (J)	0.14 (J)	0.15 (J)	0.17 (J)				
10/1/2019						0.07 (J)	0.11 (J)	0.11 (J)	0.069 (J)
3/26/2020	0.082 (J)	0.057 (J)	0.12 (J)	0.09 (J)	0.089 (J)				
3/27/2020						<0.3			
3/30/2020							0.1 (J)		
3/31/2020								0.099 (J)	0.054 (J)
9/21/2020			0.12						
9/22/2020		0.061 (J)							
9/23/2020	0.089 (J)			0.11	0.13				0.065 (J)
9/24/2020							0.11		
9/25/2020						0.085 (J)			
9/28/2020								0.11	
3/8/2021	0.094 (J)	0.11		0.13	0.1				
3/9/2021			0.099 (J)			0.078 (J)	0.11		
3/10/2021								0.11	0.068 (J)
8/9/2021	0.083 (J)		0.081 (J)	0.1	0.12				
8/10/2021		0.068 (J)				0.078 (J)	0.11	0.11	0.066 (J)
2/4/2022	0.087 (J)	0.068 (J)	0.085 (J)	0.084 (J)	0.11 (M1)	0.07 (J)	0.12		
2/7/2022								0.1	0.058 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/8/2022	0.11	0.1	0.1	0.11	0.12				
8/9/2022						0.096 (J)	0.13	0.14	0.11
1/30/2023	0.11	0.09 (J)	0.11	0.12	0.12	0.096 (J)			
1/31/2023							0.15	0.14	0.094 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		0.0886 (J)	0.1064 (J)	0.0582 (J)	0.0791 (J)	0.2004 (J)	0.1537 (J)	0.0993 (J)
3/24/2016	0.0445 (J)							
5/17/2016				0.0571 (J)	0.0712 (J)			
5/18/2016	0.0476 (J)	0.0839 (J)				0.1766 (J)		
5/19/2016			0.0928 (J)				0.1414 (J)	0.0936 (J)
7/6/2016				0.29 (J)	0.28 (J)	0.39	0.15 (J)	0.09 (J)
7/7/2016	0.12 (J)	0.08 (J)	0.13 (J)					
9/7/2016				0.08 (J)	0.08 (J)	0.53		
9/8/2016	0.11 (J)	0.11 (J)	0.12 (J)				0.35	0.11 (J)
10/18/2016				0.09 (J)	0.07 (J)	0.24 (J)	0.17 (J)	
10/19/2016	0.13 (J)	0.1 (J)	0.1 (J)					0.1 (J)
12/7/2016	0.23 (J)	0.09 (J)	0.1 (J)					
12/8/2016				0.06 (J)	0.13 (J)	0.24 (J)	0.15 (J)	0.11 (J)
2/1/2017				0.33	0.24 (J)			
2/2/2017	0.11 (J)	0.05 (J)				0.3 (J)	0.1 (J)	0.05 (J)
2/3/2017			0.12 (J)					
3/23/2017				0.07 (J)	0.04 (J)			
3/24/2017						0.22 (J)	0.14 (J)	
3/27/2017	0.01 (J)	0.08 (J)	0.14 (J)					0.07 (J)
10/4/2017				<0.1	0.03 (J)	0.19 (J)		
10/5/2017	<0.1	0.08 (J)	0.09 (J)				0.15 (J)	0.06 (J)
3/14/2018							0.4	
3/15/2018	<0.1	<0.3	<0.3			0.37		<0.3
3/16/2018				<0.1	<0.3			
5/16/2018							0.32	
10/4/2018	0.15 (J)	0.14 (J)		0.16 (J)	0.17 (J)	0.19 (J)	0.28 (J)	
10/5/2018			0.18 (J)					0.18 (J)
4/8/2019			0.057 (J)		<0.3	0.17 (J)	0.1 (J)	0.058 (J)
4/9/2019	0.063 (J)	0.063 (J)		0.061 (J)				
10/1/2019	0.094 (J)	0.079 (J)	0.079 (J)	0.064 (J)	0.063 (J)	0.16 (J)	0.13 (J)	0.078 (J)
3/26/2020			0.064 (J)					
3/27/2020							0.12 (J)	0.078 (J)
3/30/2020						0.16 (J)		
3/31/2020	<0.1	0.055 (J)		<0.1	0.053 (J)			
9/23/2020		0.073 (J)	0.088 (J)					
9/24/2020	0.1					0.14	0.15	0.076 (J)
9/25/2020				0.058 (J)	0.063 (J)			
3/9/2021	0.058 (J)	0.067 (J)	0.069 (J)	0.05 (J)	0.06 (J)	0.17	0.12	0.08 (J)
8/10/2021	<0.1	0.071 (J)	0.087 (J)	0.057 (J)	0.057 (J)	0.19	0.13	0.076 (J)
2/4/2022				<0.1	0.058 (J)	0.14	0.12	0.076 (J)
2/7/2022	<0.1	0.059 (J)	0.082 (J)					
8/8/2022			0.1		0.083 (J)			
8/9/2022	0.079 (J)	0.11		0.077 (J)			0.14	0.094 (J)
8/10/2022						0.14		
1/31/2023	0.062 (J)	0.095 (J)	0.11	0.074 (J)	0.098 (J)	0.26	0.18	0.11

Time Series

Constituent: Lead (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.001		<0.001	<0.001	<0.001			<0.001	
3/7/2007		<0.001				<0.001	<0.001		<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/9/2007							<0.001	<0.001	<0.001
7/7/2007	<0.001		<0.001						
7/17/2007		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/29/2007									<0.001
11/6/2007	<0.001		<0.001	<0.001	<0.001				
11/7/2007		<0.001				<0.001	<0.001	<0.001	<0.001
5/7/2008							<0.001	<0.001	<0.001
5/8/2008				<0.001	<0.001				
5/9/2008	<0.001	<0.001	<0.001			<0.001			
12/2/2008		<0.001				<0.001			
12/3/2008	<0.001		<0.001	<0.001	<0.001		<0.001		
12/4/2008								<0.001	
12/5/2008									<0.001
4/7/2009	<0.001		<0.001	<0.001	<0.001				
4/8/2009		<0.001				<0.001			
4/14/2009							<0.001	<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001	<0.001			<0.001	<0.001		
10/2/2009				<0.001	<0.001			<0.001	
4/13/2010			<0.001				<0.001	<0.001	<0.001
4/14/2010	<0.001	<0.001		<0.001	<0.001	<0.001			
10/7/2010			<0.001						
10/12/2010							<0.001	<0.001	<0.001
10/13/2010	<0.001	<0.001				<0.001			
10/14/2010				<0.001	<0.001				
4/5/2011				<0.001	<0.001				
4/6/2011	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
10/4/2011		<0.001				<0.001			
10/6/2011			<0.001						
10/10/2011	<0.001								
10/12/2011				<0.001	<0.001		<0.001	<0.001	<0.001
4/3/2012	<0.001		<0.001						
4/4/2012				<0.001	<0.001				
4/5/2012							<0.001	<0.001	
4/9/2012									<0.001
4/10/2012		<0.001				<0.001			
9/19/2012			<0.001				<0.001		
9/24/2012	<0.001				<0.001				
9/25/2012								<0.001	<0.001
9/26/2012		<0.001		<0.001		<0.001			
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/13/2013							<0.001	<0.001	<0.001
9/9/2013			<0.001						
9/10/2013		<0.001		<0.001	<0.001	<0.001	<0.001		
9/11/2013	<0.001							<0.001	<0.001
3/4/2014	<0.001	<0.001	<0.001			<0.001			
3/10/2014							<0.001	<0.001	<0.001
3/11/2014				<0.001	<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.001	<0.001	<0.001			<0.001	<0.001		
9/8/2014				<0.001	<0.001				
9/9/2014								<0.001	<0.001
4/21/2015	<0.001	<0.001		<0.001	<0.001	<0.001			
4/22/2015			<0.001				<0.001	<0.001	
4/23/2015									<0.001
9/29/2015		<0.001		<0.001	<0.001				
9/30/2015	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
3/22/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
3/23/2016						<0.001			<0.001
3/24/2016							<0.001	<0.001	
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/18/2016							<0.001	<0.001	<0.001
7/5/2016	<0.001		<0.001	<0.001					
7/6/2016		<0.001			<0.001	<0.001		<0.001	
7/7/2016							<0.001		<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/8/2016							<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/19/2016							<0.001		<0.001
12/6/2016	<0.001	<0.001		<0.001	<0.001	<0.001			
12/7/2016			<0.001					<0.001	<0.001
12/8/2016							<0.001		
1/31/2017	<0.001		<0.001						
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017						<0.001	<0.001	<0.001	
2/3/2017									<0.001
3/23/2017	<0.001		<0.001	<0.001					
3/24/2017		7E-05 (J)			<0.001				
3/27/2017						<0.001	<0.001	<0.001	7E-05 (J)
10/4/2017	<0.001		<0.001	<0.001	<0.001				
10/5/2017		<0.001				<0.001	<0.001	0.0002 (J)	<0.001
3/14/2018	<0.001		<0.001						
3/15/2018		<0.001		<0.001	<0.001	<0.001		<0.001	
3/16/2018							<0.001		<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/5/2018							<0.001		<0.001
4/5/2019				<0.001					
4/8/2019	<0.001	<0.001	<0.001		<0.001				
4/9/2019						<0.001	<0.001	<0.001	<0.001
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001				
10/1/2019						<0.001	<0.001	<0.001	<0.001
3/26/2020	<0.001	<0.001	<0.001	4.7E-05 (J)	<0.001				
3/27/2020						5.4E-05 (J)			
3/30/2020							<0.001		
3/31/2020								6.1E-05 (J)	<0.001
9/21/2020			<0.001						
9/22/2020		<0.001							
9/23/2020	<0.001			<0.001	<0.001				<0.001
9/24/2020							4E-05 (J)		
9/25/2020						<0.001			
9/28/2020								0.00014 (J)	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.001	<0.001		4E-05 (J)	<0.001				
3/9/2021			<0.001			<0.001	<0.001		
3/10/2021								<0.001	<0.001
8/9/2021	<0.001		<0.001	<0.001	<0.001				
8/10/2021		<0.001				<0.001	<0.001	<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
2/7/2022								<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
8/9/2022						<0.001	<0.001	<0.001	<0.001
1/30/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
1/31/2023							<0.001	<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.001	<0.001	<0.001					
3/7/2007				<0.001	<0.001			<0.001
5/8/2007				<0.001				<0.001
5/9/2007	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
7/6/2007				<0.001		<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001		<0.001			
8/28/2007				<0.001	<0.001	<0.001	<0.001	<0.001
8/29/2007	<0.001	<0.001	<0.001					
11/6/2007				<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001					
5/7/2008	<0.001	<0.001	<0.001					
5/8/2008				<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008						<0.001	<0.001	<0.001
12/3/2008				<0.001	<0.001			
12/5/2008	<0.001	<0.001	<0.001					
4/7/2009				<0.001	<0.001			
4/8/2009						<0.001	<0.001	<0.001
4/14/2009		<0.001	<0.001					
4/27/2009	<0.001							
9/30/2009	<0.001	<0.001					<0.001	<0.001
10/1/2009			<0.001	<0.001	<0.001	<0.001		
4/13/2010	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
4/14/2010			<0.001	<0.001				
10/6/2010					<0.001			
10/7/2010						<0.001		
10/12/2010	<0.001	<0.001						
10/13/2010			<0.001				<0.001	<0.001
10/14/2010				<0.001				
4/5/2011				<0.001	<0.001	<0.001	<0.001	<0.001
4/6/2011		<0.001	<0.001					
10/4/2011					<0.001	<0.001	<0.001	<0.001
10/5/2011	<0.001	<0.001						
10/12/2011			<0.001	<0.001				
4/3/2012					<0.001	<0.001	<0.001	
4/4/2012				<0.001				<0.001
4/9/2012		<0.001	<0.001					
4/10/2012	<0.001							
9/18/2012					<0.001	<0.001		
9/19/2012			<0.001				<0.001	<0.001
9/24/2012				<0.001				
9/25/2012		<0.001						
9/26/2012	<0.001							
3/12/2013				<0.001	<0.001	<0.001	<0.001	<0.001
3/13/2013	<0.001	<0.001	<0.001					
9/9/2013					<0.001			
9/10/2013			<0.001	<0.001		<0.001	<0.001	<0.001
9/11/2013	<0.001	<0.001						
3/5/2014				<0.001	<0.001	0.0016 (J)	<0.001	<0.001
3/11/2014	<0.001	<0.001	<0.001					
9/3/2014			<0.001					<0.001
9/8/2014					<0.001	<0.001		
9/9/2014	<0.001	<0.001		<0.001			<0.001	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.001		<0.001		<0.001
4/22/2015					<0.001		<0.001	
4/23/2015		<0.001	<0.001					
9/29/2015				<0.001	<0.001	<0.001	<0.001	<0.001
9/30/2015	<0.001	<0.001	<0.001					
3/23/2016		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/24/2016	<0.001							
5/17/2016				<0.001	<0.001			
5/18/2016	<0.001	<0.001				<0.001	<0.001	<0.001
5/19/2016			<0.001					
7/6/2016				<0.001	<0.001	0.0001 (J)	<0.001	<0.001
7/7/2016	<0.001	<0.001	<0.001					
9/7/2016				<0.001	<0.001	<0.001		
9/8/2016	<0.001	<0.001	<0.001				<0.001	<0.001
10/18/2016				<0.001	<0.001	<0.001	<0.001	
10/19/2016	<0.001	<0.001	<0.001					<0.001
12/7/2016	0.0001 (J)	<0.001	<0.001					
12/8/2016				<0.001	0.0001 (J)	<0.001	0.0002 (J)	<0.001
2/1/2017				<0.001	<0.001			
2/2/2017	<0.001	<0.001				0.0003 (J)	<0.001	<0.001
2/3/2017			<0.001					
3/23/2017				<0.001	<0.001			
3/24/2017						0.0002 (J)	<0.001	
3/27/2017	<0.001	<0.001	<0.001					<0.001
10/4/2017				<0.001	<0.001	7E-05 (J)		
10/5/2017	<0.001	<0.001	<0.001				<0.001	<0.001
3/14/2018							<0.001	
3/15/2018	<0.001	<0.001	<0.001			<0.001		<0.001
3/16/2018				<0.001	<0.001			
10/4/2018	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
10/5/2018			0.00042 (J)					<0.001
4/8/2019			0.00018 (J)		<0.001	<0.001	<0.001	<0.001
4/9/2019	<0.001	<0.001		0.00039 (J)				
10/1/2019	7.5E-05 (J)	0.00012 (J)	0.00022 (J)	6.5E-05 (J)	<0.001	5E-05 (J)	<0.001	<0.001
3/26/2020			0.00016 (J)					
3/27/2020							<0.001	<0.001
3/30/2020						4.8E-05 (J)		
3/31/2020	<0.001	0.00013 (J)		<0.001	<0.001			
9/23/2020		6.6E-05 (J)	0.00036 (J)					
9/24/2020	0.00012 (J)					6E-05 (J)	4.9E-05 (J)	<0.001
9/25/2020				<0.001	<0.001			
3/9/2021	0.00013 (J)	3.8E-05 (J)	0.00011 (J)	<0.001	<0.001	8.5E-05 (J)	<0.001	<0.001
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2022				<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2022	<0.001	<0.001	<0.001					
8/8/2022			<0.001		<0.001			
8/9/2022	<0.001	<0.001		<0.001			<0.001	<0.001
8/10/2022						<0.001		
1/31/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.01				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.01		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		<0.01				<0.005	<0.005	<0.005	<0.005
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.01	<0.005			<0.005			
12/2/2008		<0.01				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.01				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.01	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.01		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.01				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	0.0032				
4/6/2011	<0.005	<0.01	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.01				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.01				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				0.0032				
9/25/2012								<0.005	<0.005
9/26/2012		<0.01		<0.005		<0.005			
3/12/2013	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.01		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	0.001 (J)	0.002 (J)	0.0007 (J)			<0.005			
3/10/2014							0.0013 (J)	0.00072 (J)	0.00074 (J)
3/11/2014				0.0013 (J)	0.0026				

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	0.002 (J)	<0.005			<0.005	<0.005		
9/8/2014				<0.005	0.0017 (J)				
9/9/2014								<0.005	<0.005
4/21/2015	<0.005	0.002 (J)		<0.005	0.0016 (J)	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		0.0022 (J)		<0.005	0.0055				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.01	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
9/7/2016	0.0008 (J)	0.0026 (J)	<0.005	<0.005	0.0014 (J)	<0.005			
9/8/2016							0.0009 (J)	<0.005	<0.005
3/23/2017	0.0007 (J)		<0.005	0.0022 (J)					
3/24/2017		0.0024 (J)			0.0017 (J)				
3/27/2017						<0.005	0.0006 (J)	0.0062 (J)	0.0006 (J)
10/4/2017	0.0006 (J)		<0.005	<0.005	0.0023 (J)				
10/5/2017		0.0023 (J)				<0.005	0.0008 (J)	0.0005 (J)	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		0.0026 (J)		<0.005	0.0024 (J)	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	0.0023 (J)	<0.005	<0.005	0.0013 (J)	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				0.00075 (J)					
4/8/2019	0.00034 (J)	0.0023 (J)	<0.005		0.00089 (J)				
4/9/2019						<0.005	<0.005	<0.005	<0.005
9/30/2019	0.00037 (J)	0.0017 (J)	<0.005	<0.005	0.0013 (J)				
10/1/2019						<0.005	0.0015 (J)	<0.005	<0.005
3/26/2020	0.00065 (J)	0.002 (J)	<0.005	0.0011 (J)	0.00096 (J)				
3/27/2020						0.0023 (J)			
3/30/2020							0.00048 (J)		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		0.0014 (J)							
9/23/2020	<0.005			<0.005	0.00091 (J)				<0.005
9/24/2020							0.0011 (J)		
9/25/2020						<0.005			
9/28/2020								<0.005	
3/8/2021	<0.005	0.001 (J)		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	0.001 (J)				
8/10/2021		0.0017 (J)				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	0.0019 (J)	<0.005	0.0009 (J)	0.00087 (J)	<0.005	0.00078 (J)		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	0.0017 (J)	<0.005	0.00092 (J)	<0.005				
8/9/2022						<0.005	0.00074 (J)	<0.005	<0.005
1/30/2023	<0.005	0.0017 (J)	<0.005	0.00082 (J)	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.01
5/8/2007				<0.005				<0.01
5/9/2007	<0.005	<0.005	<0.005		<0.005	18 (o)	<0.005	
7/6/2007				<0.005		5.9 (o)	<0.005	<0.01
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	3.9 (o)	<0.005	<0.01
8/29/2007	0.0055	<0.005	<0.005					
11/6/2007				<0.005	<0.005	3.1 (o)	<0.005	<0.01
11/7/2007	0.0044	<0.005	<0.005					
5/7/2008	0.0047	<0.005	<0.005					
5/8/2008				<0.005	<0.005	2.1 (o)	<0.005	<0.01
12/2/2008						1.2	<0.005	<0.01
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						1.1	<0.005	<0.01
4/14/2009		<0.005	<0.005					
4/27/2009	0.0027							
9/30/2009	0.0051	<0.005					<0.005	<0.01
10/1/2009			<0.005	<0.005	<0.005	0.88		
4/13/2010	0.0031	<0.005			<0.005	0.82	<0.005	<0.01
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						0.72		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.01
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	0.52	<0.005	<0.01
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	0.56	<0.005	<0.01
10/5/2011	0.0032	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	0.365	<0.005	
4/4/2012				<0.005				<0.01
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	0.45		
9/19/2012			<0.005				<0.005	<0.01
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	0.0063							
3/12/2013				<0.005	<0.005	0.13	<0.005	<0.01
3/13/2013	0.0029	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		0.2	<0.005	0.003
9/11/2013	0.0046	<0.005						
3/5/2014				0.001 (J)	0.00092 (J)	0.17	0.00079 (J)	0.0022 (J)
3/11/2014	0.002 (J)	0.00059 (J)	0.0016 (J)					
9/3/2014			<0.005					<0.01
9/8/2014					<0.005	0.25		
9/9/2014	0.0029	<0.005		<0.005			<0.005	

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		0.15		0.0019 (J)
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	0.203	<0.005	0.0019 (J)
9/30/2015	0.0025 (J)	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	0.0607	<0.005	<0.01
3/24/2016	0.00317 (J)							
9/7/2016				<0.005	<0.005	0.141		
9/8/2016	0.0038 (J)	<0.005	0.0011 (J)				<0.005	0.0023 (J)
3/23/2017				0.0008 (J)	<0.005			
3/24/2017						0.0313	<0.005	
3/27/2017	0.0024 (J)	<0.005	0.0007 (J)					0.0023 (J)
10/4/2017				<0.005	<0.005	0.093		
10/5/2017	0.0104	<0.005	<0.005				<0.005	0.0024 (J)
3/14/2018							<0.005	
3/15/2018	0.0026 (J)	<0.005	0.001 (J)			0.057		0.0023 (J)
3/16/2018				<0.005	<0.005			
10/4/2018	0.012	<0.005		<0.005	<0.005	0.11	<0.005	
10/5/2018			0.0014 (J)					0.0025 (J)
12/11/2018	0.0052 (J)							
4/8/2019			0.0011 (J)		0.00032 (J)	0.03	0.00064 (J)	0.0021 (J)
4/9/2019	0.0048 (J)	<0.005		0.00098 (J)				
10/1/2019	0.0031 (J)	<0.005	0.0035 (J)	0.00088 (J)	0.00042 (J)	0.07	0.00063 (J)	0.0022 (J)
3/26/2020			0.001 (J)					
3/27/2020							0.00053 (J)	0.0022 (J)
3/30/2020						0.037		
3/31/2020	0.0039 (J)	<0.005		0.0013 (J)	<0.005			
9/23/2020		<0.005	0.00079 (J)					
9/24/2020	0.0068					0.042	0.001 (J)	0.0024 (J)
9/25/2020				0.00078 (J)	<0.005			
3/9/2021	0.0013 (J)	<0.005	<0.005	<0.005	<0.005	0.035	<0.005	0.0014 (J)
8/10/2021	0.0076	<0.005	0.0008 (J)	0.00085 (J)	<0.005	0.057	0.0073	0.0019 (J)
2/4/2022				<0.005	<0.005	0.039	<0.005	0.0018 (J)
2/7/2022	0.0055	<0.005	0.00084 (J)					
8/8/2022			<0.005		<0.005			
8/9/2022	0.0053	<0.005		<0.005			<0.005	0.0018 (J)
8/10/2022						0.061		
1/31/2023	0.005 (J)	<0.005	<0.005	<0.005	<0.005	0.11	<0.005	0.002 (J)

Time Series

Constituent: pH (SU) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	7.07	7	7.19	7.11	7.14				
3/23/2016						7.56			7.55
3/24/2016							7.71	7.69	
5/17/2016	7	6.77	6.94	6.95	6.67	7.46			
5/18/2016							7.59	7.49	7.32
7/5/2016	6.88		6.98	6.55					
7/6/2016		6.64			6.53	7.24		7.39	
7/7/2016							7.55		7.39
9/7/2016	7.24	6.83	6.86	6.81	6.72	7.4			
9/8/2016							7.54	7.57	7.34
10/18/2016	6.86	6.58	6.71	6.64	6.73	7.11		7.35	
10/19/2016							7.66		7.35
12/6/2016	6.98	6.66		6.34	6.61	7.32			
12/7/2016			6.71					7.42	7.35
12/8/2016							7.47		
1/31/2017	6.63		6.95						
2/1/2017		6.5		6.68	6.7				
2/2/2017						7.19	7.64	7.43	
2/3/2017									7.37
3/23/2017	7.12		7.04	6.8					
3/24/2017		6.72			6.77				
3/27/2017						7.48	7.59	7.53	7.26
10/4/2017	6.83		6.86	6.64	6.52				
10/5/2017		6.69				7.13	7.65	7.36	7.2
3/14/2018	6.66		6.76						
3/15/2018		6.48		6.88	7.11	7.08		7.54	
3/16/2018							7.51		7.13
5/15/2018									7.18
10/4/2018	6.92	6.66	6.62	6.62	6.72	7.26		7.44	
10/5/2018							7.57		7.07
12/11/2018									7.16
4/5/2019				6.77					
4/8/2019	6.86	6.61	6.79		6.82				
4/9/2019						7.22	7.48	7.4	7.26
9/30/2019	7.15	6.86	6.86	6.73	6.77				
10/1/2019						7.07	7.65	7.31	7.16
3/26/2020	7.02	6.83	7.07	6.87	6.74				
3/27/2020						6.82			
3/30/2020							7.65		
3/31/2020								7.62	7.57
6/19/2020						7.4 (R)		7.61 (R)	7.31 (R)
9/21/2020			6.9						
9/22/2020		6.8							
9/23/2020	6.98			6.87	6.81				7.11
9/24/2020							7.62		
9/25/2020						7.28			
9/28/2020								7.78	
11/10/2020								7.37 (R)	
3/8/2021	6.86	6.78		6.95	6.84				
3/9/2021			6.93			7.43	7.66		
3/10/2021								7.49	7.41
8/9/2021	7.23		6.9	6.89	6.76				

Time Series

Constituent: pH (SU) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/10/2021		6.84				7.45	7.4	7.49	7.31
2/4/2022	7.18	6.92	6.98	6.75	7.11	7.51	7.73		
2/7/2022								7.61	7.57
8/8/2022	7.28	6.55	7.03	6.59	6.73				
8/9/2022						7.36	7.47	7.42	7.33
1/30/2023	7.22	7	7.05	6.82	6.94	7.6			
1/31/2023							7.56	7.65	7.44

Time Series

Constituent: pH (SU) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		7.72	7.48	7.1	7.29	6.36	7.46	7.2
3/24/2016	6.4							
5/17/2016				6.88	7.1			
5/18/2016	6.44	7.77				6.21	7.4	6.96
5/19/2016			7.24					
7/6/2016				6.75	7	5.88	7.36	6.89
7/7/2016	6.12	7.65	7.18					
9/7/2016				6.95	7.07	5.77		
9/8/2016	7.2	7.89	7.17				7.45	6.93
10/18/2016				6.9	6.81	5.9	7.5	
10/19/2016	7.11	7.64	7.05					6.84
12/7/2016	7.24	7.72	7.16					
12/8/2016				6.55	6.85		7.28	6.54
12/9/2016						5.73		
2/1/2017				6.81	7.05			
2/2/2017	6.86	7.56				6.29	7.45	6.72
2/3/2017			7.27					
3/23/2017				6.8	6.97			
3/24/2017						6.32	7.28	
3/27/2017	6.51	7.69	7.24					6.56
10/4/2017				7.12	7.17	6.03		
10/5/2017	5.97	7.53	7.25				7.53	7.03
3/14/2018							7.28	
3/15/2018	7.01	7.5	7.05			6.05		6.66
3/16/2018				6.72	6.8			
10/4/2018	6.33	7.52		6.52	6.93	5.92	7.22	
10/5/2018			6.97					6.41
4/8/2019			6.88		7	6.26	6.91	6.72
4/9/2019	6.46	7.49		6.72				
6/18/2019							6.85	
6/27/2019							7.05	
10/1/2019	6.9	7.38	7	6.81	6.97	6.09	7.11	6.77
11/6/2019		7.66						
3/26/2020			6.88					
3/27/2020							7.01	7.11
3/30/2020						6.48		
3/31/2020	6.33	7.8		6.82	7.17			
6/18/2020					6.96 (R)			
6/19/2020						6.45 (R)	6.81 (R)	
9/23/2020		7.42	6.96					
9/24/2020	7.12					6.32	6.96	6.75
9/25/2020				6.82	6.96			
3/9/2021	7.04	7.52	6.81	6.93	7.09	6.59	7.06	6.92
8/10/2021	6.05	7.75	6.96	6.87	7.06	6.29	6.65	6.91
2/4/2022				6.92	7.21	6.7	7.07	7.1
2/7/2022	6.58	7.85	7.05					
8/8/2022			7.04		6.9			
8/9/2022	6.05	7.62		6.89			7.08	7
8/10/2022						6.25		
1/31/2023	6.23	7.67	7.03	6.96	7.24	5.84	7.09	6.74

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.005				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		<0.005				<0.005	<0.005	<0.005	<0.005
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.005	<0.005			<0.005			
12/2/2008		<0.005				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.005				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.005		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.005				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.005				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.005				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				<0.005				
9/25/2012								<0.005	<0.005
9/26/2012		<0.005		<0.005		<0.005			
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.005		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	<0.005	<0.005	<0.005			0.0016 (J)			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	<0.005	<0.005			<0.005	<0.005		
9/8/2014				<0.005	<0.005				
9/9/2014								<0.005	<0.005
4/21/2015	<0.005	<0.005		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		<0.005		<0.005	<0.005				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
5/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/18/2016							<0.005	<0.005	<0.005
7/5/2016	<0.005		<0.005	<0.005					
7/6/2016		<0.005			<0.005	<0.005		<0.005	
7/7/2016							<0.005		<0.005
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	<0.005	<0.005
10/18/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/19/2016							<0.005		<0.005
12/6/2016	<0.005	<0.005		<0.005	<0.005	<0.005			
12/7/2016			<0.005					<0.005	<0.005
12/8/2016							<0.005		
1/31/2017	<0.005		<0.005						
2/1/2017		<0.005		<0.005	<0.005				
2/2/2017						<0.005	<0.005	<0.005	
2/3/2017									<0.005
3/23/2017	<0.005		<0.005	<0.005					
3/24/2017		<0.005			<0.005				
3/27/2017						<0.005	<0.005	<0.005	<0.005
10/4/2017	<0.005		<0.005	<0.005	<0.005				
10/5/2017		<0.005				<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		<0.005		<0.005	<0.005	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				<0.005					
4/8/2019	<0.005	<0.005	<0.005		0.00014 (J)				
4/9/2019						<0.005	<0.005	<0.005	<0.005
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
3/27/2020						<0.005			
3/30/2020							<0.005		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		<0.005							
9/23/2020	<0.005			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/8/2021	<0.005	<0.005		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	<0.005				
8/10/2021		<0.005				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/9/2022						<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				<0.005
5/9/2007	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
7/6/2007				<0.005		<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	<0.005	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005					
5/7/2008	<0.005	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						<0.005	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	<0.005							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	<0.005		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	<0.005	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		<0.005	<0.005	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				<0.005	<0.005	<0.005	<0.005	0.0018 (J)
3/11/2014	0.0024 (J)	0.0017 (J)	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	<0.005		
9/9/2014	<0.005	<0.005		<0.005			<0.005	

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		<0.005		<0.005
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/24/2016	<0.005							
5/17/2016				<0.005	<0.005			
5/18/2016	<0.005	<0.005				<0.005	<0.005	<0.005
5/19/2016			<0.005					
7/6/2016				<0.005	<0.005	<0.005	<0.005	<0.005
7/7/2016	<0.005	<0.005	<0.005					
9/7/2016				<0.005	<0.005	<0.005		
9/8/2016	<0.005	<0.005	<0.005				<0.005	<0.005
10/18/2016				<0.005	<0.005	<0.005	<0.005	
10/19/2016	<0.005	<0.005	<0.005					<0.005
12/7/2016	<0.005	<0.005	<0.005					
12/8/2016				<0.005	<0.005	<0.005	<0.005	<0.005
2/1/2017				<0.005	<0.005			
2/2/2017	0.0017 (J)	<0.005				<0.005	<0.005	<0.005
2/3/2017			<0.005					
3/23/2017				<0.005	<0.005			
3/24/2017						<0.005	<0.005	
3/27/2017	<0.005	<0.005	<0.005					<0.005
10/4/2017				<0.005	<0.005	<0.005		
10/5/2017	<0.005	<0.005	<0.005				<0.005	<0.005
3/14/2018							<0.005	
3/15/2018	<0.005	<0.005	<0.005			<0.005		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
10/5/2018			<0.005					<0.005
4/8/2019			<0.005		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005	<0.005		<0.005				
10/1/2019	<0.005	0.0014 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020			<0.005					
3/27/2020							<0.005	<0.005
3/30/2020						<0.005		
3/31/2020	<0.005	<0.005		<0.005	<0.005			
9/23/2020		<0.005	<0.005					
9/24/2020	<0.005					<0.005	<0.005	<0.005
9/25/2020				<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/4/2022				<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2022	<0.005	<0.005	<0.005					
8/8/2022			<0.005		<0.005			
8/9/2022	<0.005	<0.005		<0.005			<0.005	<0.005
8/10/2022						<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.005		<0.005	<0.005	<0.005			<0.005	
3/7/2007		<0.005				<0.005	<0.005		<0.005
5/8/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/9/2007							<0.005	<0.005	<0.005
7/7/2007	<0.005		<0.005						
7/17/2007		<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/28/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/29/2007									<0.005
11/6/2007	<0.005		<0.005	<0.005	<0.005				
11/7/2007		<0.005				<0.005	<0.005	<0.005	<0.005
5/7/2008							<0.005	<0.005	<0.005
5/8/2008				<0.005	<0.005				
5/9/2008	<0.005	<0.005	<0.005			<0.005			
12/2/2008		<0.005				<0.005			
12/3/2008	<0.005		<0.005	<0.005	<0.005		<0.005		
12/4/2008								<0.005	
12/5/2008									<0.005
4/7/2009	<0.005		<0.005	<0.005	<0.005				
4/8/2009		<0.005				<0.005			
4/14/2009							<0.005	<0.005	<0.005
9/30/2009									<0.005
10/1/2009	<0.005	<0.005	<0.005			<0.005	<0.005		
10/2/2009				<0.005	<0.005			<0.005	
4/13/2010			<0.005				<0.005	<0.005	<0.005
4/14/2010	<0.005	<0.005		<0.005	<0.005	<0.005			
10/7/2010			<0.005						
10/12/2010							<0.005	<0.005	<0.005
10/13/2010	<0.005	<0.005				<0.005			
10/14/2010				<0.005	<0.005				
4/5/2011				<0.005	<0.005				
4/6/2011	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
10/4/2011		<0.005				<0.005			
10/6/2011			<0.005						
10/10/2011	<0.005								
10/12/2011				<0.005	<0.005		<0.005	<0.005	<0.005
4/3/2012	<0.005		<0.005						
4/4/2012				<0.005	<0.005				
4/5/2012							<0.005	<0.005	
4/9/2012									<0.005
4/10/2012		<0.005				<0.005			
9/19/2012			<0.005				<0.005		
9/24/2012	<0.005				<0.005				
9/25/2012								<0.005	<0.005
9/26/2012		<0.005		<0.005		<0.005			
3/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
3/13/2013							<0.005	<0.005	<0.005
9/9/2013			<0.005						
9/10/2013		<0.005		<0.005	<0.005	<0.005	<0.005		
9/11/2013	<0.005							<0.005	<0.005
3/4/2014	<0.005	<0.005	<0.005			<0.005			
3/10/2014							<0.005	<0.005	<0.005
3/11/2014				<0.005	<0.005				

Time Series

Constituent: Silver (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.005	<0.005	<0.005			<0.005	<0.005		
9/8/2014				<0.005	<0.005				
9/9/2014								<0.005	<0.005
4/21/2015	<0.005	<0.005		<0.005	<0.005	<0.005			
4/22/2015			<0.005				<0.005	<0.005	
4/23/2015									<0.005
9/29/2015		<0.005		<0.005	<0.005				
9/30/2015	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
3/22/2016	<0.005	<0.005	<0.005	<0.005	<0.005				
3/23/2016						<0.005			<0.005
3/24/2016							<0.005	<0.005	
9/7/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
9/8/2016							<0.005	<0.005	<0.005
3/23/2017	<0.005		<0.005	<0.005					
3/24/2017		<0.005			<0.005				
3/27/2017						<0.005	<0.005	<0.005	<0.005
10/4/2017	<0.005		<0.005	<0.005	<0.005				
10/5/2017		<0.005				<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005		<0.005						
3/15/2018		<0.005		<0.005	<0.005	<0.005		<0.005	
3/16/2018							<0.005		<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	
10/5/2018							<0.005		<0.005
4/5/2019				<0.005					
4/8/2019	<0.005	<0.005	<0.005		<0.005				
4/9/2019						<0.005	<0.005	<0.005	<0.005
9/30/2019	<0.005	<0.005	<0.005	<0.005	<0.005				
10/1/2019						<0.005	<0.005	<0.005	<0.005
3/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
3/27/2020						<0.005			
3/30/2020							<0.005		
3/31/2020								<0.005	<0.005
9/21/2020			<0.005						
9/22/2020		<0.005							
9/23/2020	<0.005			<0.005	<0.005				<0.005
9/24/2020							<0.005		
9/25/2020						<0.005			
9/28/2020								<0.005	
3/8/2021	<0.005	<0.005		<0.005	<0.005				
3/9/2021			<0.005			<0.005	<0.005		
3/10/2021								<0.005	<0.005
8/9/2021	<0.005		<0.005	<0.005	<0.005				
8/10/2021		<0.005				<0.005	<0.005	<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/7/2022								<0.005	<0.005
8/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005				
8/9/2022						<0.005	<0.005	<0.005	<0.005
1/30/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/31/2023							<0.005	<0.005	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.005	<0.005	<0.005					
3/7/2007				<0.005	<0.005			<0.005
5/8/2007				<0.005				<0.005
5/9/2007	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
7/6/2007				<0.005		<0.005	<0.005	<0.005
7/17/2007	<0.005	<0.005	<0.005		<0.005			
8/28/2007				<0.005	<0.005	<0.005	<0.005	<0.005
8/29/2007	<0.005	<0.005	<0.005					
11/6/2007				<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2007	<0.005	<0.005	<0.005					
5/7/2008	<0.005	<0.005	<0.005					
5/8/2008				<0.005	<0.005	<0.005	<0.005	<0.005
12/2/2008						<0.005	<0.005	<0.005
12/3/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
4/7/2009				<0.005	<0.005			
4/8/2009						<0.005	<0.005	<0.005
4/14/2009		<0.005	<0.005					
4/27/2009	0.0036							
9/30/2009	<0.005	<0.005					<0.005	<0.005
10/1/2009			<0.005	<0.005	<0.005	<0.005		
4/13/2010	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
4/14/2010			<0.005	<0.005				
10/6/2010					<0.005			
10/7/2010						<0.005		
10/12/2010	<0.005	<0.005						
10/13/2010			<0.005				<0.005	<0.005
10/14/2010				<0.005				
4/5/2011				<0.005	<0.005	<0.005	<0.005	<0.005
4/6/2011		<0.005	<0.005					
10/4/2011					<0.005	<0.005	<0.005	<0.005
10/5/2011	<0.005	<0.005						
10/12/2011			<0.005	<0.005				
4/3/2012					<0.005	<0.005	<0.005	
4/4/2012				<0.005				<0.005
4/9/2012		<0.005	<0.005					
4/10/2012	<0.005							
9/18/2012					<0.005	<0.005		
9/19/2012			<0.005				<0.005	<0.005
9/24/2012				<0.005				
9/25/2012		<0.005						
9/26/2012	<0.005							
3/12/2013				<0.005	<0.005	<0.005	<0.005	<0.005
3/13/2013	<0.005	<0.005	<0.005					
9/9/2013					<0.005			
9/10/2013			<0.005	<0.005		<0.005	<0.005	<0.005
9/11/2013	<0.005	<0.005						
3/5/2014				<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2014	<0.005	<0.005	<0.005					
9/3/2014			<0.005					<0.005
9/8/2014					<0.005	<0.005		
9/9/2014	<0.005	<0.005		<0.005			<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.005		<0.005		<0.005
4/22/2015					<0.005		<0.005	
4/23/2015		<0.005	<0.005					
9/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005
9/30/2015	<0.005	<0.005	<0.005					
3/23/2016		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/24/2016	<0.005							
9/7/2016				<0.005	<0.005	<0.005		
9/8/2016	<0.005	<0.005	<0.005				<0.005	<0.005
3/23/2017				<0.005	<0.005			
3/24/2017						<0.005	<0.005	
3/27/2017	<0.005	<0.005	<0.005					<0.005
10/4/2017				<0.005	<0.005	<0.005		
10/5/2017	<0.005	<0.005	<0.005				<0.005	<0.005
3/14/2018							<0.005	
3/15/2018	<0.005	<0.005	<0.005			<0.005		<0.005
3/16/2018				<0.005	<0.005			
10/4/2018	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
10/5/2018			<0.005					<0.005
4/8/2019			<0.005		<0.005	<0.005	<0.005	<0.005
4/9/2019	<0.005	<0.005		<0.005				
10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2020			<0.005					
3/27/2020							<0.005	<0.005
3/30/2020						<0.005		
3/31/2020	<0.005	<0.005		<0.005	<0.005			
9/23/2020		<0.005	<0.005					
9/24/2020	<0.005					<0.005	<0.005	<0.005
9/25/2020				<0.005	<0.005			
3/9/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/4/2022				<0.005	<0.005	<0.005	<0.005	<0.005
2/7/2022	<0.005	<0.005	<0.005					
8/8/2022			<0.005		<0.005			
8/9/2022	<0.005	<0.005		<0.005			<0.005	<0.005
8/10/2022						<0.005		
1/31/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/22/2016	4.4409	11.6823	13.0789	107.476	302.2975				
3/23/2016						14.6529			22.9683
3/24/2016							10.1818	16.8473	
5/17/2016	4.43	11.4	15.3	106	213	13.3			
5/18/2016								18.4	19.2
5/19/2016							9.58		
7/5/2016	4.6		15	110					
7/6/2016		12			280	10		17	
7/7/2016							9.6		31
9/7/2016	4.8	13	16	83	160	10			
9/8/2016							9.4	16	30
10/18/2016	4.7	13	16	110	120	10		19	
10/19/2016							9.9		32
12/6/2016	4.7	12		220	210	11			
12/7/2016			15					13	26
12/8/2016							14		
1/31/2017	5.1		13						
2/1/2017		13		190	200				
2/2/2017						11	13	14	
2/3/2017									27
3/23/2017	4.7		12	160					
3/24/2017		12			140				
3/27/2017						33	12	18	30
10/4/2017	5		12	140	140				
10/5/2017		13				16	12	16	32
3/14/2018	5.1		13.9						
3/15/2018		12.2		119	167	33.9		14.8	
3/16/2018							11.7		37.5
5/15/2018						29.1			41
10/4/2018	5.2	15.6	17.4	117	209	29.5		15.9	
10/5/2018							10.6		38.9
12/11/2018									41.8
4/5/2019				131					
4/8/2019	4.6	13.2	18.1		248				
4/9/2019						21.4	11.3	16.7	50.3
6/18/2019									38.7
6/27/2019									46
9/30/2019	4.9	11.5	17.5	118	117				
10/1/2019						13.4	8.9	14.7	52.3
11/6/2019									47.3
3/26/2020	5	10.8	15.6	95.8	128				
3/27/2020						10.8			
3/30/2020							9.7		
3/31/2020								17.8	53.6
9/21/2020			18.2						
9/22/2020		9.8							
9/23/2020	6.6			95.6	123				58.9
9/24/2020							8.5		
9/25/2020						11.6			
9/28/2020								15.8	
3/8/2021	4.6	11.5		99.5	152				
3/9/2021			16.8			14.2	7.9		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/10/2021								18.7	64.7
8/9/2021	4.7		23.2	93.3	106				
8/10/2021		11.2				14.9	10.3	17.8	66.4
2/4/2022	4	10.4	21.1	73.5	170 (M1)	14.4	8.9		
2/7/2022								16.9	66.3
8/8/2022	4.1	10.2	23.3	78.9	116				
8/9/2022						10.6	8.6	21.9	66.5
1/30/2023	3.8	9.5	19.8	78.4	156	11.5			
1/31/2023							8.4	22.8	69.8

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		9.1183	6.2867	76.011	87.512	90.229	26.3455	61.8335
3/24/2016	24.8075							
5/17/2016				76.2	101			
5/18/2016	26.2	6.88				100		
5/19/2016			5.42				31.7	64.3
7/6/2016				74	110	130	36	69
7/7/2016	31	6.8	5.7					
9/7/2016				64	97	130		
9/8/2016	33	6.8	5.7				45	68
10/18/2016				65	120	140	49	
10/19/2016	31	7.5	5.8					69
12/7/2016	19	11	5.9					
12/8/2016				100	100	140	50	69
2/1/2017				150	110			
2/2/2017	52	9.9				71	51	76
2/3/2017			38					
3/23/2017				130	110			
3/24/2017						68	46	
3/27/2017	29	8.4	43					68
10/4/2017				71	130	120		
10/5/2017	33	7.4	8.3				48	74
12/14/2017					130			
1/18/2018					110			
3/14/2018							36.8	
3/15/2018	38	8.2	14			118		57.8
3/16/2018				77.4	93.6			
10/4/2018	19.3	6.4		90.3	137	167	45.4	
10/5/2018			9.3					81.9
12/11/2018					110			73.6
4/8/2019			6.2		131	97.1	39.9	73.5
4/9/2019	19.9	11		83.6				
6/19/2019					108			
10/1/2019	46.3	1.9	5.8	68.1	71.7	120	47.1	72.2
3/26/2020			14.5					
3/27/2020							31.5	54
3/30/2020						64.6		
3/31/2020	29.9	10.9		92.6	106			
9/23/2020		5	5.3					
9/24/2020	37.6					120	48.3	69.9
9/25/2020				80.7	110			
3/9/2021	41.6	6.4	10.2	86.9	105	87.4	33.1	65.1 (M1)
8/10/2021	23.8	6.2	8	76.1	95.9	101	31.6	76.3
2/4/2022				80.1	101	78.3	25.8	69.2
2/7/2022	25.9	8.2	13					
8/8/2022			5.6		77.1			
8/9/2022	18.3	6.3		74.6			33.3	77
8/10/2022						102		
1/31/2023	12.4	8.8	19.5	90.6	95.7	118	31.3	70

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.001		<0.001	<0.001	<0.001			<0.001	
3/7/2007		<0.001				<0.001	<0.001		<0.001
5/8/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/9/2007							<0.001	<0.001	<0.001
7/7/2007	<0.001		<0.001						
7/17/2007		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/28/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/29/2007									<0.001
11/6/2007	<0.001		<0.001	<0.001	<0.001				
11/7/2007		<0.001				<0.001	<0.001	<0.001	<0.001
5/7/2008							<0.001	<0.001	<0.001
5/8/2008				<0.001	<0.001				
5/9/2008	<0.001	<0.001	<0.001			<0.001			
12/2/2008		<0.001				<0.001			
12/3/2008	<0.001		<0.001	<0.001	<0.001		<0.001		
12/4/2008								<0.001	
12/5/2008									<0.001
4/7/2009	<0.001		<0.001	<0.001	<0.001				
4/8/2009		<0.001				<0.001			
4/14/2009							<0.001	<0.001	<0.001
9/30/2009									<0.001
10/1/2009	<0.001	<0.001	<0.001			<0.001	<0.001		
10/2/2009				<0.001	<0.001			<0.001	
4/13/2010			<0.001				<0.001	<0.001	<0.001
4/14/2010	<0.001	<0.001		<0.001	<0.001	<0.001			
10/7/2010			<0.001						
10/12/2010							<0.001	<0.001	<0.001
10/13/2010	<0.001	<0.001				<0.001			
10/14/2010				<0.001	<0.001				
4/5/2011				<0.001	<0.001				
4/6/2011	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
10/4/2011		<0.001				<0.001			
10/6/2011			<0.001						
10/10/2011	<0.001								
10/12/2011				<0.001	<0.001		<0.001	<0.001	<0.001
4/3/2012	<0.001		<0.001						
4/4/2012				<0.001	<0.001				
4/5/2012							<0.001	<0.001	
4/9/2012									<0.001
4/10/2012		<0.001				<0.001			
9/19/2012			<0.001				<0.001		
9/24/2012	<0.001				<0.001				
9/25/2012								<0.001	<0.001
9/26/2012		<0.001		<0.001		<0.001			
3/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/13/2013							<0.001	<0.001	<0.001
3/4/2014	<0.001	<0.001	<0.001			<0.001			
3/10/2014							<0.001	<0.001	<0.001
3/11/2014				<0.001	<0.001				
9/3/2014	<0.001	<0.001	<0.001			<0.001	<0.001		
9/8/2014				<0.001	<0.001				
9/9/2014								<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
4/21/2015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/29/2015		<0.001		<0.001	<0.001				
9/30/2015	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
3/22/2016	<0.001	<0.001	<0.001	<0.001	<0.001				
3/23/2016						<0.001			<0.001
3/24/2016							<0.001	<0.001	
5/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/18/2016							<0.001	<0.001	<0.001
7/5/2016	<0.001		<0.001	<0.001					
7/6/2016		<0.001			<0.001	<0.001		<0.001	
7/7/2016							<0.001		<0.001
9/7/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/8/2016							<0.001	<0.001	<0.001
10/18/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/19/2016							<0.001		<0.001
12/6/2016	<0.001	<0.001		<0.001	<0.001	<0.001			
12/7/2016			<0.001					<0.001	<0.001
12/8/2016							<0.001		
1/31/2017	<0.001		<0.001						
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017						<0.001	<0.001	<0.001	
2/3/2017									<0.001
3/23/2017	<0.001		<0.001	<0.001					
3/24/2017		<0.001			<0.001				
3/27/2017						<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001		<0.001	<0.001	<0.001				
10/5/2017		<0.001				<0.001	<0.001	<0.001	<0.001
3/14/2018	<0.001		<0.001						
3/15/2018		<0.001		<0.001	<0.001	<0.001		<0.001	
3/16/2018							<0.001		<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
10/5/2018							<0.001		<0.001
4/5/2019				<0.001					
4/8/2019	<0.001	<0.001	<0.001		<0.001				
4/9/2019						<0.001	<0.001	<0.001	<0.001
9/30/2019	<0.001	<0.001	<0.001	<0.001	<0.001				
10/1/2019						<0.001	<0.001	<0.001	<0.001
3/26/2020	<0.001	<0.001	<0.001	<0.001	<0.001				
3/27/2020						<0.001			
3/30/2020							<0.001		
3/31/2020								<0.001	<0.001
9/21/2020			<0.001						
9/22/2020		<0.001							
9/23/2020	<0.001			<0.001	<0.001				<0.001
9/24/2020							<0.001		
9/25/2020						<0.001			
9/28/2020								<0.001	
3/8/2021	<0.001	<0.001		<0.001	<0.001				
3/9/2021			<0.001			<0.001	<0.001		
3/10/2021								<0.001	<0.001
8/9/2021	<0.001		<0.001	<0.001	<0.001				
8/10/2021		<0.001				<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
2/4/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
2/7/2022								<0.001	<0.001
8/8/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
8/9/2022						<0.001	<0.001	<0.001	<0.001
1/30/2023	0.00022 (J)	<0.001	<0.001	<0.001	<0.001	<0.001			
1/31/2023							<0.001	<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.001	<0.001	<0.001					
3/7/2007				<0.001	<0.001			<0.001
5/8/2007				<0.001				<0.001
5/9/2007	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
7/6/2007				<0.001		<0.001	<0.001	<0.001
7/17/2007	<0.001	<0.001	<0.001		<0.001			
8/28/2007				<0.001	<0.001	<0.001	<0.001	<0.001
8/29/2007	<0.001	<0.001	<0.001					
11/6/2007				<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2007	<0.001	<0.001	<0.001					
5/7/2008	<0.001	<0.001	<0.001					
5/8/2008				<0.001	<0.001	<0.001	<0.001	<0.001
12/2/2008						<0.001	<0.001	<0.001
12/3/2008				<0.001	<0.001			
12/5/2008	<0.001	<0.001	<0.001					
4/7/2009				<0.001	<0.001			
4/8/2009						<0.001	<0.001	<0.001
4/14/2009		<0.001	<0.001					
4/27/2009	<0.001							
9/30/2009	<0.001	<0.001					<0.001	<0.001
10/1/2009			<0.001	<0.001	<0.001	<0.001		
4/13/2010	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
4/14/2010			<0.001	<0.001				
10/6/2010					<0.001			
10/7/2010						<0.001		
10/12/2010	<0.001	<0.001						
10/13/2010			<0.001				<0.001	<0.001
10/14/2010				<0.001				
4/5/2011				<0.001	<0.001	<0.001	<0.001	<0.001
4/6/2011		<0.001	<0.001					
10/4/2011					<0.001	<0.001	<0.001	<0.001
10/5/2011	<0.001	<0.001						
10/12/2011			<0.001	<0.001				
4/3/2012					<0.001	<0.001	<0.001	
4/4/2012				<0.001				<0.001
4/9/2012		<0.001	<0.001					
4/10/2012	<0.001							
9/18/2012					<0.001	<0.001		
9/19/2012			<0.001				<0.001	<0.001
9/24/2012				<0.001	<0.001		<0.001	
9/25/2012		<0.001						
9/26/2012	<0.001							
3/12/2013				<0.001	<0.001	<0.001	<0.001	<0.001
3/13/2013	<0.001	<0.001	<0.001					
3/5/2014				<0.001	<0.001	<0.001	<0.001	<0.001
3/11/2014	<0.001	<0.001	<0.001					
9/3/2014			<0.001					<0.001
9/8/2014					<0.001	<0.001		
9/9/2014	<0.001	<0.001		<0.001			<0.001	
4/21/2015		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/29/2015				<0.001	<0.001	<0.001	<0.001	<0.001
9/30/2015	<0.001	<0.001	<0.001					

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/24/2016	<0.001							
5/17/2016				<0.001	<0.001			
5/18/2016	<0.001	<0.001				<0.001	<0.001	<0.001
5/19/2016			<0.001					
7/6/2016				<0.001	<0.001	0.0001 (J)	<0.001	<0.001
7/7/2016	<0.001	<0.001	<0.001					
9/7/2016				<0.001	<0.001	<0.001		
9/8/2016	<0.001	<0.001	<0.001				<0.001	<0.001
10/18/2016				<0.001	<0.001	<0.001	<0.001	
10/19/2016	<0.001	<0.001	<0.001					<0.001
12/7/2016	<0.001	<0.001	<0.001					
12/8/2016				<0.001	<0.001	<0.001	<0.001	<0.001
2/1/2017				<0.001	<0.001			
2/2/2017	<0.001	<0.001				<0.001	<0.001	<0.001
2/3/2017			<0.001					
3/23/2017				<0.001	<0.001			
3/24/2017						<0.001	<0.001	
3/27/2017	<0.001	<0.001	<0.001					<0.001
10/4/2017				<0.001	<0.001	<0.001		
10/5/2017	<0.001	<0.001	<0.001				<0.001	<0.001
3/14/2018							<0.001	
3/15/2018	<0.001	<0.001	<0.001			<0.001		<0.001
3/16/2018				<0.001	<0.001			
10/4/2018	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
10/5/2018			<0.001					<0.001
4/8/2019			<0.001		<0.001	<0.001	<0.001	<0.001
4/9/2019	<0.001	<0.001		<0.001				
10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2020			<0.001					
3/27/2020							<0.001	<0.001
3/30/2020						<0.001		
3/31/2020	<0.001	<0.001		<0.001	<0.001			
9/23/2020		<0.001	<0.001					
9/24/2020	<0.001					<0.001	<0.001	<0.001
9/25/2020				<0.001	<0.001			
3/9/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/4/2022				<0.001	<0.001	<0.001	<0.001	<0.001
2/7/2022	<0.001	<0.001	<0.001					
8/8/2022			<0.001		<0.001			
8/9/2022	<0.001	<0.001		<0.001			<0.001	<0.001
8/10/2022						<0.001		
1/31/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
8/8/2022	99	119	249	348	360				
8/9/2022						170	183	236	285
1/30/2023	94	130	263	367	459	190			
1/31/2023							284	239	329

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/23/2016		206	168	379	310	253	239	204
3/24/2016	110							
5/17/2016				349	280			
5/18/2016	153	212				276		
5/19/2016			173				236	215
7/6/2016				346	280	239	218	204
7/7/2016	151	206	144					
9/7/2016				382	324	247		
9/8/2016	285	214	179				225	201
10/18/2016				461	307	233	200	
10/19/2016	314	269	209					272
12/7/2016	252	199	156					
12/8/2016				379	281	373	196	227
2/1/2017				511	354			
2/2/2017	138	211				236	231	209
2/3/2017			276					
3/23/2017				443	302			
3/24/2017						291	250	
3/27/2017	88	324	295					305
10/4/2017				359	365	264		
10/5/2017	111	219	192				309	204
12/14/2017					406		322	
1/18/2018					404		322	
3/14/2018							263	
3/15/2018	219	190	169			254		280
3/16/2018				390	317			
10/4/2018	152	215		385	371	287	292	
10/5/2018			210					236
4/8/2019			191		353	295	438	264
4/9/2019	167	222		371				
10/1/2019	336	220	203	380	348	277	305	237
11/6/2019	336							
11/26/2019	236							
3/26/2020			193					
3/27/2020							329	192
3/30/2020						216		
3/31/2020	111	195		408	349			
9/23/2020		231	186					
9/24/2020	286					254	307	179
9/25/2020				367	345			
3/9/2021	243	178	216	364	298	299	308	209
8/10/2021	121	206	178	363	318	210	425	208
2/4/2022				360	335	310	349	225
2/7/2022	161	207	224					
8/8/2022			176		327			
8/9/2022	119	208		363			310	220
8/10/2022						248		
1/31/2023	76 (D6)	221	243	385	335	223	284	216

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.01		<0.01	<0.01	<0.01			<0.01	
3/7/2007		<0.01				<0.01	<0.01		<0.01
5/8/2007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
5/9/2007							<0.01	<0.01	<0.01
7/7/2007	<0.01		<0.01						
7/17/2007		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/28/2007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
8/29/2007									<0.01
11/6/2007	<0.01		<0.01	<0.01	<0.01				
11/7/2007		<0.01				<0.01	<0.01	<0.01	<0.01
5/7/2008							<0.01	<0.01	<0.01
5/8/2008				<0.01	<0.01				
5/9/2008	<0.01	<0.01	<0.01			<0.01			
12/2/2008		<0.01				<0.01			
12/3/2008	<0.01		<0.01	<0.01	<0.01		<0.01		
12/4/2008								<0.01	
12/5/2008									<0.01
4/7/2009	<0.01		<0.01	<0.01	<0.01				
4/8/2009		<0.01				<0.01			
4/14/2009							<0.01	<0.01	<0.01
9/30/2009									<0.01
10/1/2009	<0.01	<0.01	<0.01			<0.01	<0.01		
10/2/2009				<0.01	<0.01			<0.01	
4/13/2010			<0.01				<0.01	<0.01	<0.01
4/14/2010	<0.01	<0.01		<0.01	<0.01	<0.01			
10/7/2010			<0.01						
10/12/2010							<0.01	<0.01	<0.01
10/13/2010	<0.01	<0.01				<0.01			
10/14/2010				<0.01	<0.01				
4/5/2011				<0.01	<0.01				
4/6/2011	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
10/4/2011		<0.01				<0.01			
10/6/2011			<0.01						
10/10/2011	<0.01								
10/12/2011				<0.01	<0.01		<0.01	<0.01	<0.01
4/3/2012	<0.01		<0.01						
4/4/2012				<0.01	<0.01				
4/5/2012							<0.01	<0.01	
4/9/2012									<0.01
4/10/2012		<0.01				<0.01			
9/19/2012			<0.01				<0.01		
9/24/2012	<0.01				<0.01				
9/25/2012								<0.01	<0.01
9/26/2012		<0.01		<0.01		<0.01			
3/12/2013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
3/13/2013							<0.01	<0.01	<0.01
9/9/2013			<0.01						
9/10/2013		<0.01		<0.01	<0.01	<0.01	<0.01		
9/11/2013	<0.01							<0.01	<0.01
3/4/2014	<0.01	<0.01	<0.01			<0.01			
3/10/2014							<0.01	<0.01	<0.01
3/11/2014				<0.01	<0.01				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	<0.01	<0.01	<0.01			<0.01	<0.01		
9/8/2014				<0.01	<0.01				
9/9/2014								<0.01	<0.01
4/21/2015	<0.01	<0.01		<0.01	<0.01	<0.01			
4/22/2015			<0.01				<0.01	<0.01	
4/23/2015									<0.01
9/29/2015		<0.01		<0.01	<0.01				
9/30/2015	<0.01		<0.01			<0.01	<0.01	<0.01	<0.01
3/22/2016	<0.01	<0.01	<0.01	<0.01	<0.01				
3/23/2016						<0.01			<0.01
3/24/2016							<0.01	<0.01	
9/7/2016	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
9/8/2016							<0.01	<0.01	<0.01
3/23/2017	<0.01		<0.01	<0.01					
3/24/2017		<0.01			<0.01				
3/27/2017						<0.01	<0.01	<0.01	<0.01
10/4/2017	<0.01		<0.01	<0.01	<0.01				
10/5/2017		<0.01				<0.01	<0.01	<0.01	<0.01
3/14/2018	<0.01		<0.01						
3/15/2018		<0.01		<0.01	<0.01	<0.01		<0.01	
3/16/2018							<0.01		<0.01
10/4/2018	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	
10/5/2018							<0.01		<0.01
4/5/2019				<0.01					
4/8/2019	<0.01	<0.01	<0.01		<0.01				
4/9/2019						<0.01	<0.01	<0.01	<0.01
9/30/2019	<0.01	<0.01	<0.01	<0.01	<0.01				
10/1/2019						<0.01	<0.01	<0.01	<0.01
3/26/2020	<0.01	<0.01	<0.01	<0.01	<0.01				
3/27/2020						<0.01			
3/30/2020							<0.01		
3/31/2020								<0.01	<0.01
9/21/2020			<0.01						
9/22/2020		<0.01							
9/23/2020	<0.01			<0.01	<0.01				<0.01
9/24/2020							<0.01		
9/25/2020						<0.01			
9/28/2020								<0.01	
3/8/2021	<0.01	<0.01		<0.01	<0.01				
3/9/2021			<0.01			<0.01	<0.01		
3/10/2021								<0.01	<0.01
8/9/2021	0.0019 (J)		<0.01	<0.01	<0.01				
8/10/2021		<0.01				<0.01	<0.01	<0.01	<0.01
2/4/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
2/7/2022								<0.01	<0.01
8/8/2022	<0.01	<0.01	<0.01	<0.01	<0.01				
8/9/2022						<0.01	<0.01	<0.01	<0.01
1/30/2023	0.0022 (J)	<0.01	<0.01	<0.01	<0.01	<0.01			
1/31/2023							<0.01	<0.01	<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.01	<0.01	<0.01					
3/7/2007				<0.01	<0.01			<0.01
5/8/2007				<0.01				<0.01
5/9/2007	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	
7/6/2007				<0.01		<0.01	<0.01	<0.01
7/17/2007	<0.01	<0.01	<0.01		<0.01			
8/28/2007				<0.01	<0.01	<0.01	<0.01	<0.01
8/29/2007	<0.01	<0.01	<0.01					
11/6/2007				<0.01	<0.01	<0.01	<0.01	<0.01
11/7/2007	<0.01	<0.01	<0.01					
5/7/2008	<0.01	<0.01	<0.01					
5/8/2008				<0.01	<0.01	<0.01	<0.01	<0.01
12/2/2008						<0.01	<0.01	<0.01
12/3/2008				<0.01	<0.01			
12/5/2008	<0.01	<0.01	<0.01					
4/7/2009				<0.01	<0.01			
4/8/2009						<0.01	<0.01	0.0029
4/14/2009		<0.01	<0.01					
4/27/2009	<0.01							
9/30/2009	<0.01	<0.01					<0.01	<0.01
10/1/2009			<0.01	<0.01	<0.01	0.0039		
4/13/2010	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01
4/14/2010			<0.01	<0.01				
10/6/2010					<0.01			
10/7/2010						<0.01		
10/12/2010	<0.01	<0.01						
10/13/2010			<0.01				<0.01	<0.01
10/14/2010				<0.01				
4/5/2011				<0.01	<0.01	0.0025	<0.01	<0.01
4/6/2011		<0.01	<0.01					
10/4/2011					<0.01	0.0027	<0.01	<0.01
10/5/2011	<0.01	<0.01						
10/12/2011			<0.01	<0.01				
4/3/2012					<0.01	<0.01	<0.01	
4/4/2012				<0.01				<0.01
4/9/2012		<0.01	<0.01					
4/10/2012	<0.01							
9/18/2012					<0.01	<0.01		
9/19/2012			<0.01				<0.01	<0.01
9/24/2012				<0.01				
9/25/2012		<0.01						
9/26/2012	<0.01							
3/12/2013				<0.01	<0.01	<0.01	<0.01	<0.01
3/13/2013	<0.01	<0.01	<0.01					
9/9/2013					<0.01			
9/10/2013			<0.01	<0.01		<0.01	<0.01	<0.01
9/11/2013	<0.01	<0.01						
3/5/2014				<0.01	<0.01	<0.01	<0.01	<0.01
3/11/2014	<0.01	<0.01	<0.01					
9/3/2014			<0.01					<0.01
9/8/2014					<0.01	0.0012 (J)		
9/9/2014	0.0029 (J)	<0.01		0.00093 (J)			<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				<0.01		0.0015 (J)		<0.01
4/22/2015					<0.01		<0.01	
4/23/2015		<0.01	<0.01					
9/29/2015				<0.01	<0.01	<0.01	<0.01	<0.01
9/30/2015	0.001 (J)	<0.01	<0.01					
3/23/2016		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/24/2016	<0.01							
9/7/2016				<0.01	<0.01	<0.01		
9/8/2016	<0.01	<0.01	<0.01				<0.01	<0.01
3/23/2017				<0.01	<0.01			
3/24/2017						<0.01	<0.01	
3/27/2017	<0.01	<0.01	<0.01					<0.01
10/4/2017				<0.01	<0.01	<0.01		
10/5/2017	<0.01	<0.01	<0.01				<0.01	<0.01
3/14/2018							<0.01	
3/15/2018	<0.01	<0.01	<0.01			<0.01		<0.01
3/16/2018				<0.01	<0.01			
10/4/2018	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	
10/5/2018			<0.01					<0.01
4/8/2019			0.00017 (J)		<0.01	<0.01	<0.01	<0.01
4/9/2019	<0.01	<0.01		<0.01				
10/1/2019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/26/2020			<0.01					
3/27/2020							<0.01	<0.01
3/30/2020						<0.01		
3/31/2020	<0.01	<0.01		<0.01	<0.01			
9/23/2020		<0.01	<0.01					
9/24/2020	<0.01					<0.01	<0.01	<0.01
9/25/2020				<0.01	<0.01			
3/9/2021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/4/2022				<0.01	<0.01	<0.01	<0.01	<0.01
2/7/2022	<0.01	<0.01	<0.01					
8/8/2022			<0.01		<0.01			
8/9/2022	<0.01	<0.01		<0.01			<0.01	<0.01
8/10/2022						<0.01		
1/31/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
3/6/2007	<0.01		<0.01	<0.01	<0.01			<0.01	
3/7/2007		<0.01				<0.01	<0.01		<0.01
5/8/2007	<0.01	0.0025	<0.01	<0.01	<0.01	<0.01			
5/9/2007							0.0026	0.0025	<0.01
7/7/2007	<0.01		<0.01						
7/17/2007		0.0047		0.0033	<0.01	0.0069	0.0043	0.0035	<0.01
8/28/2007	<0.01	0.0033	0.0026	<0.01	0.0026	<0.01	<0.01	<0.01	
8/29/2007									<0.01
11/6/2007	<0.01		<0.01	<0.01	<0.01				
11/7/2007		<0.01				<0.01	<0.01	<0.01	<0.01
5/7/2008							<0.01	<0.01	<0.01
5/8/2008				0.0033	0.0037				
5/9/2008	<0.01	<0.01	<0.01			<0.01			
12/2/2008		<0.01				<0.01			
12/3/2008	<0.01		<0.01	0.0054	0.003		<0.01		
12/4/2008								<0.01	
12/5/2008									<0.01
4/7/2009	0.0028		<0.01	<0.01	0.0045				
4/8/2009		<0.01				<0.01			
4/14/2009							<0.01	<0.01	<0.01
9/30/2009									<0.01
10/1/2009	<0.01	<0.01	<0.01			<0.01	<0.01		
10/2/2009				<0.01	0.0027			<0.01	
4/13/2010			<0.01				<0.01	0.0043	<0.01
4/14/2010	<0.01	<0.01		0.003	<0.01	<0.01			
10/7/2010			<0.01						
10/12/2010							<0.01	<0.01	<0.01
10/13/2010	<0.01	<0.01				<0.01			
10/14/2010				<0.01	0.0041				
4/5/2011				<0.01	<0.01				
4/6/2011	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	
10/4/2011		<0.01				<0.01			
10/6/2011			<0.01						
10/10/2011	<0.01								
10/12/2011				<0.01	0.0033		<0.01	<0.01	<0.01
4/3/2012	<0.01		<0.01						
4/4/2012				<0.01	<0.01				
4/5/2012							<0.01	<0.01	
4/9/2012									<0.01
4/10/2012		<0.01				<0.01			
9/19/2012			<0.01				<0.01		
9/24/2012	<0.01				0.0039				
9/25/2012								<0.01	<0.01
9/26/2012		<0.01		<0.01		<0.01			
3/12/2013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
3/13/2013							<0.01	<0.01	<0.01
9/9/2013			<0.01						
9/10/2013		<0.01		<0.01	0.0035	<0.01	<0.01		
9/11/2013	<0.01							<0.01	<0.01
3/4/2014	0.0026	<0.01	0.0035			0.0026			
3/10/2014							0.0022 (J)	0.0031	0.0024 (J)
3/11/2014				0.0037	0.0045				

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-2 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWC-10	GWC-18	GWC-19	GWC-20
9/3/2014	0.001 (J)	0.00074 (J)	0.0015 (J)			0.00079 (J)	0.0013 (J)		
9/8/2014				0.00087 (J)	0.0026				
9/9/2014								0.00098 (J)	0.00078 (J)
4/21/2015	<0.01	<0.01		0.002 (J)	0.0028	<0.01			
4/22/2015			<0.01				0.0019 (J)	0.0015 (J)	
4/23/2015									<0.01
9/29/2015		0.0024 (J)		0.0021 (J)	0.008 (J)				
9/30/2015	<0.01		0.0026 (J)			0.0018 (J)	0.0037 (J)	0.002 (J)	0.0016 (J)
3/22/2016	<0.01	<0.01	<0.01	<0.01	<0.01				
3/23/2016						<0.01			<0.01
3/24/2016							<0.01	<0.01	
9/7/2016	0.0047 (J)	0.0023 (J)	0.0024 (J)	0.0034 (J)	0.0035 (J)	<0.01			
9/8/2016							0.0024 (J)	0.0029 (J)	<0.01
3/23/2017	<0.01		<0.01	0.0031 (J)					
3/24/2017		0.0068 (J)			0.0095 (J)				
3/27/2017						0.0014 (J)	<0.01	0.0019 (J)	0.0017 (J)
10/4/2017	<0.01		0.0017 (J)	<0.01	0.0031 (J)				
10/5/2017		<0.01				<0.01	<0.01	0.0024 (J)	0.0016 (J)
3/14/2018	0.0032 (J)		0.0023 (J)						
3/15/2018		0.0042 (J)		0.0028 (J)	0.0041 (J)	<0.01		<0.01	
3/16/2018							<0.01		<0.01
10/4/2018	0.003 (J)	0.0046 (J)	0.0041 (J)	0.0043 (J)	0.0058 (J)	0.0033 (J)		0.013	
10/5/2018							0.0029 (J)		<0.01
4/5/2019				0.0013 (J)					
4/8/2019	<0.01	0.0024 (J)	0.0014 (J)		0.0023 (J)				
4/9/2019						<0.01	0.0037 (J)	<0.01	<0.01
9/30/2019	0.0032 (J)	0.004 (J)	0.0043 (J)	0.0045 (J)	0.0059 (J)				
10/1/2019						0.0049 (J)	0.006 (J)	0.0049 (J)	0.0063 (J)
3/26/2020	<0.01	<0.01	<0.01	<0.01	<0.01				
3/27/2020						<0.01			
3/30/2020							<0.01		
3/31/2020								<0.01	<0.01
9/21/2020			<0.01						
9/22/2020		<0.01							
9/23/2020	0.0025 (J)			<0.01	0.0025 (J)				<0.01
9/24/2020							<0.01		
9/25/2020						<0.01			
9/28/2020								0.0033 (J)	
3/8/2021	<0.01	<0.01		<0.01	0.0034 (J)				
3/9/2021			<0.01			<0.01	<0.01		
3/10/2021								<0.01	<0.01
8/9/2021	<0.01		<0.01	<0.01	<0.01				
8/10/2021		<0.01				<0.01	<0.01	<0.01	<0.01
2/4/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
2/7/2022								<0.01	<0.01
8/8/2022	<0.01	<0.01	<0.01	<0.01	<0.01				
8/9/2022						<0.01	<0.01	<0.01	<0.01
1/30/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
1/31/2023							<0.01	<0.01	<0.01

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
3/6/2007	<0.01	<0.01	0.0054					
3/7/2007				0.0064	<0.01			<0.01
5/8/2007				<0.01				0.0027
5/9/2007	<0.01	0.0035	0.0041		<0.01	45 (o)	0.0038	
7/6/2007				<0.01		16 (o)	<0.01	0.0032
7/17/2007	0.0031	<0.01	0.005		<0.01			
8/28/2007				0.0025	<0.01	11 (o)	<0.01	0.0026
8/29/2007	0.0056	<0.01	0.0044					
11/6/2007				<0.01	<0.01	8.3	<0.01	<0.01
11/7/2007	0.0059	<0.01	<0.01					
5/7/2008	0.0059	<0.01	<0.01					
5/8/2008				<0.01	<0.01	5	<0.01	<0.01
12/2/2008						3.2	<0.01	<0.01
12/3/2008				<0.01	<0.01			
12/5/2008	<0.01	<0.01	<0.01					
4/7/2009				0.0025	<0.01			
4/8/2009						2.4	<0.01	<0.01
4/14/2009		<0.01	<0.01					
4/27/2009	0.0051							
9/30/2009	0.0066	<0.01					<0.01	<0.01
10/1/2009			<0.01	<0.01	<0.01	1.9		
4/13/2010	0.0041	<0.01			<0.01	1.9	<0.01	<0.01
4/14/2010			<0.01	<0.01				
10/6/2010					<0.01			
10/7/2010						1.6		
10/12/2010	0.004	<0.01						
10/13/2010			<0.01				<0.01	<0.01
10/14/2010				<0.01				
4/5/2011				0.0025	<0.01	1.1	<0.01	<0.01
4/6/2011		<0.01	<0.01					
10/4/2011					<0.01	1.1	<0.01	<0.01
10/5/2011	0.0043	<0.01						
10/12/2011			<0.01	0.0037				
4/3/2012					<0.01	0.75	<0.01	
4/4/2012				<0.01				<0.01
4/9/2012		<0.01	<0.01					
4/10/2012	0.0108							
9/18/2012					<0.01	0.88		
9/19/2012			<0.01				<0.01	<0.01
9/24/2012				<0.01				
9/25/2012		<0.01						
9/26/2012	0.0066							
3/12/2013				<0.01	<0.01	0.23	<0.01	<0.01
3/13/2013	0.0035	<0.01	<0.01					
9/9/2013					<0.01			
9/10/2013			<0.01	<0.01		0.36	<0.01	<0.01
9/11/2013	0.005	<0.01						
3/5/2014				0.0028	0.0026	0.33	0.0028	0.0029
3/11/2014	0.005	0.0037	0.0033					
9/3/2014			0.0014 (J)					0.0011 (J)
9/8/2014					0.00055 (J)	0.47		
9/9/2014	0.0041	0.0006 (J)		0.00058 (J)			0.0014 (J)	

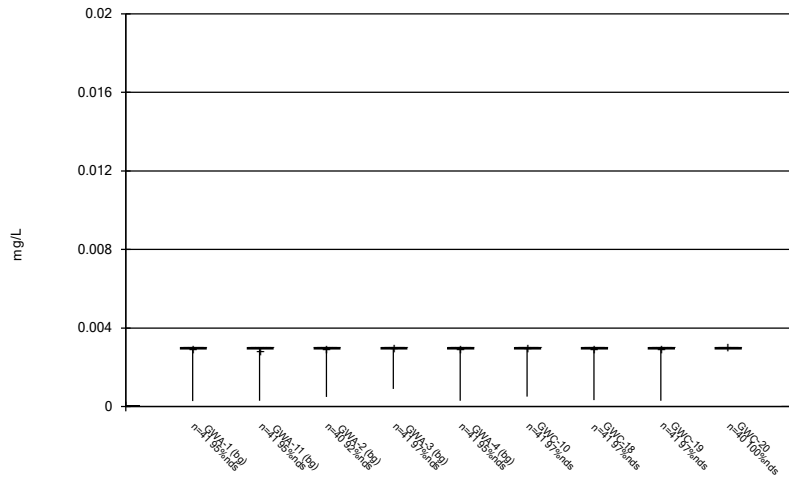
Time Series

Constituent: Zinc (mg/L) Analysis Run 4/19/2023 4:32 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-22	GWC-23	GWC-5	GWC-6	GWC-7	GWC-8	GWC-9
4/21/2015				0.0043		0.27		<0.01
4/22/2015					<0.01		<0.01	
4/23/2015		<0.01	0.0024 (J)					
9/29/2015				0.0031 (J)	0.0026 (J)	0.359	0.0016 (J)	0.0034 (J)
9/30/2015	0.0031 (J)	0.0021 (J)	0.0041 (J)					
3/23/2016		<0.01	<0.01	0.00272 (J)	<0.01	0.102	<0.01	<0.01
3/24/2016	0.00393 (J)							
9/7/2016				<0.01	0.0024 (J)	0.24		
9/8/2016	0.0047 (J)	<0.01	<0.01				<0.01	<0.01
3/23/2017				0.0026 (J)	0.0035 (J)			
3/24/2017						0.0512	0.0031 (J)	
3/27/2017	0.0036 (J)	<0.01	0.0014 (J)					0.0014 (J)
10/4/2017				<0.01	<0.01	0.159		
10/5/2017	0.0065 (J)	<0.01	0.0014 (J)				<0.01	0.0013 (J)
3/14/2018							0.0053 (J)	
3/15/2018	0.0053 (J)	<0.01	0.0039 (J)			0.12		<0.01
3/16/2018				<0.01	0.0029 (J)			
10/4/2018	0.0077 (J)	0.003 (J)		0.0028 (J)	0.0039 (J)	0.22	0.0031 (J)	
10/5/2018			0.0048 (J)					0.0044 (J)
4/8/2019			0.0016 (J)		0.0013 (J)	0.051	0.0012 (J)	0.0016 (J)
4/9/2019	0.0041 (J)	<0.01		<0.01				
10/1/2019	0.0078 (J)	0.0054 (J)	0.0057 (J)	0.0053 (J)	0.0056 (J)	0.12	0.0055 (J)	0.0052 (J)
3/26/2020			<0.01					
3/27/2020							<0.01	<0.01
3/30/2020						0.051		
3/31/2020	<0.01	<0.01		<0.01	<0.01			
9/23/2020		<0.01	0.0022 (J)					
9/24/2020	0.0046 (J)					0.07	<0.01	<0.01
9/25/2020				<0.01	<0.01			
3/9/2021	0.0033 (J)	<0.01	<0.01	<0.01	<0.01	0.057	<0.01	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01	0.093	<0.01	<0.01
2/4/2022				<0.01	<0.01	0.07	<0.01	<0.01
2/7/2022	<0.01	<0.01	<0.01					
8/8/2022			<0.01		<0.01			
8/9/2022	<0.01	<0.01		<0.01			<0.01	<0.01
8/10/2022						0.082		
1/31/2023	<0.01	<0.01	<0.01	<0.01	<0.01	0.19	<0.01	<0.01

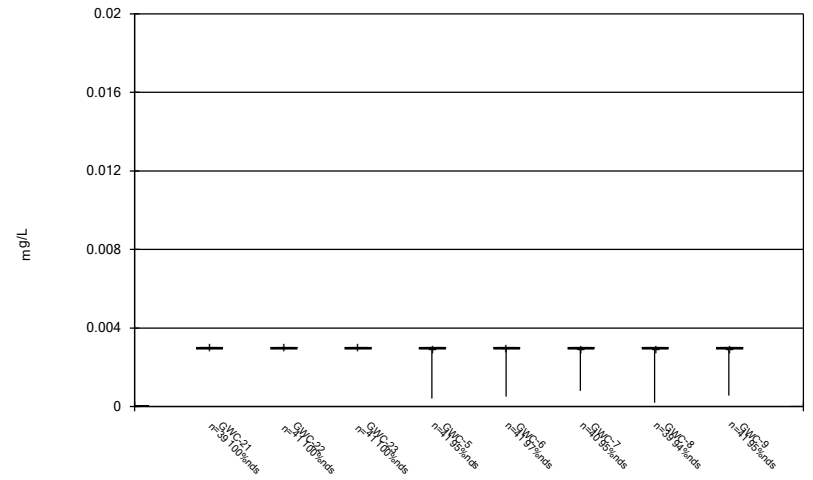
FIGURE B.

Box & Whiskers Plot



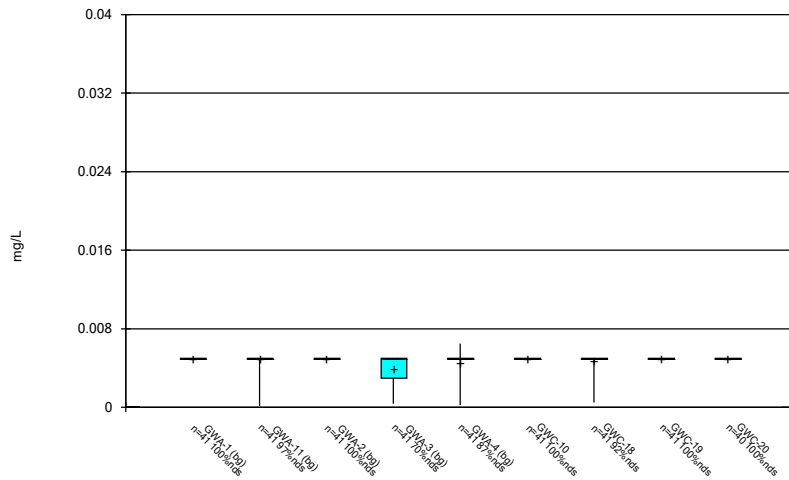
Constituent: Antimony Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



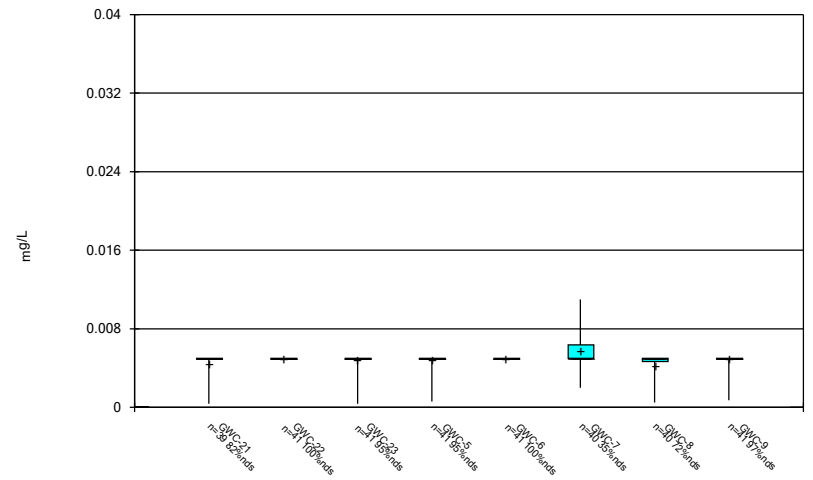
Constituent: Antimony Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



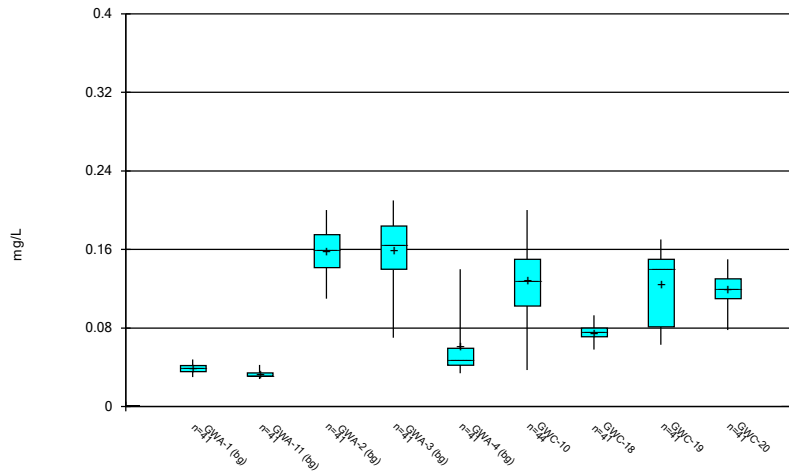
Constituent: Arsenic Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



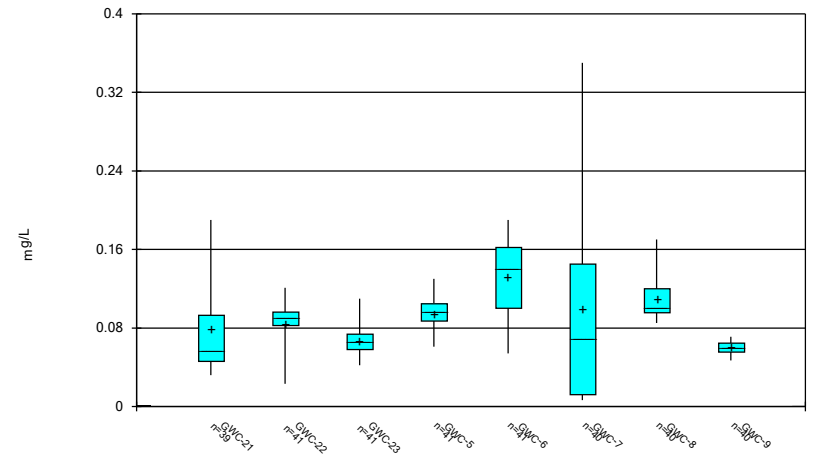
Constituent: Arsenic Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



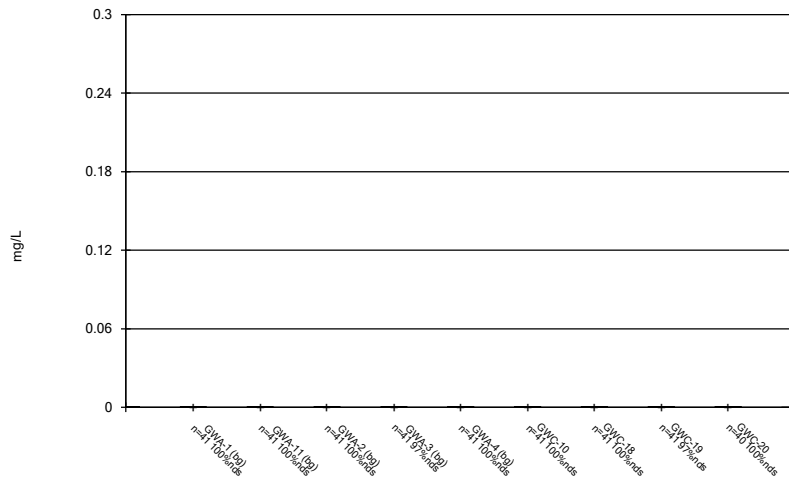
Constituent: Barium Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



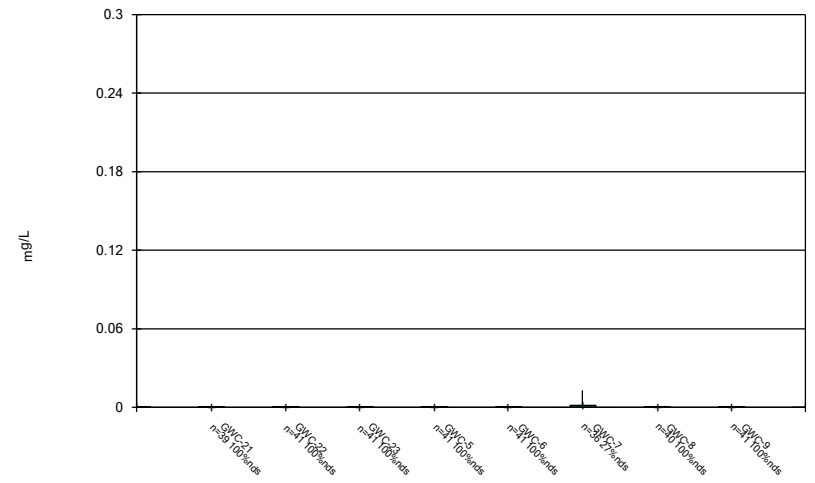
Constituent: Barium Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



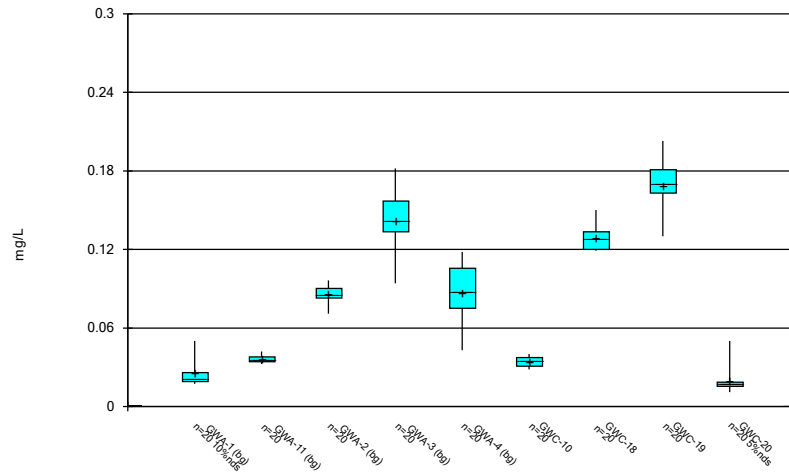
Constituent: Beryllium Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



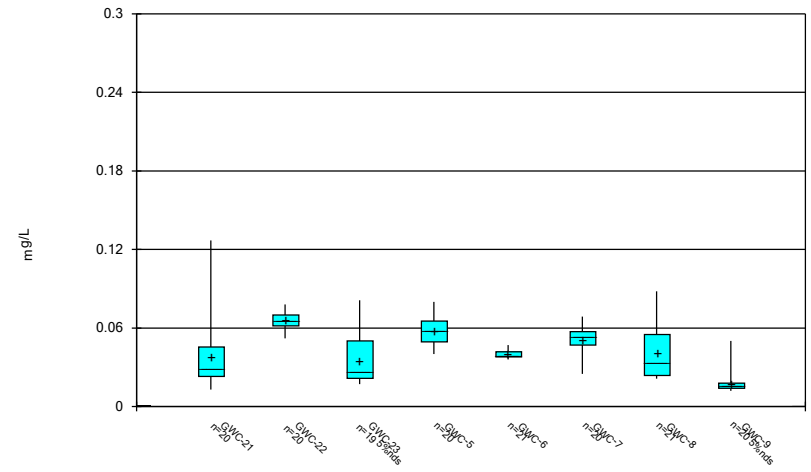
Constituent: Beryllium Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



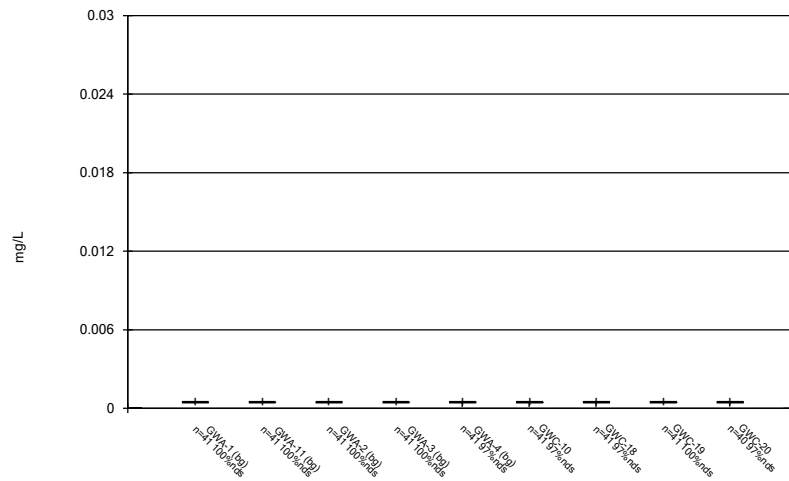
Constituent: Boron Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



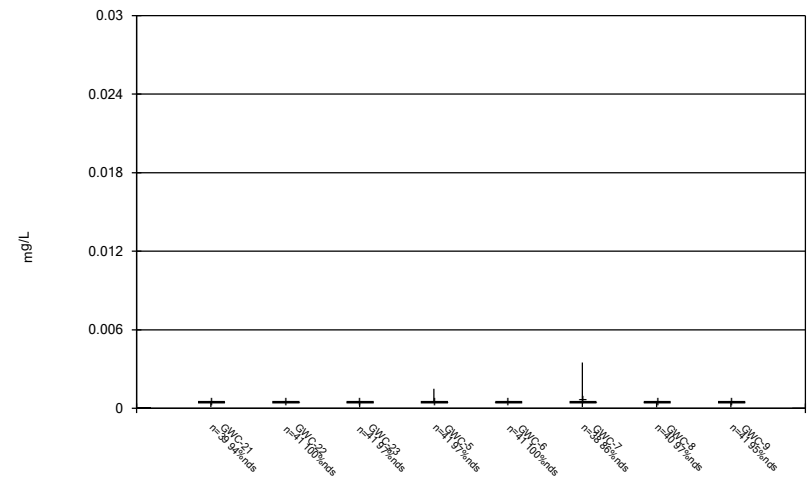
Constituent: Boron Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



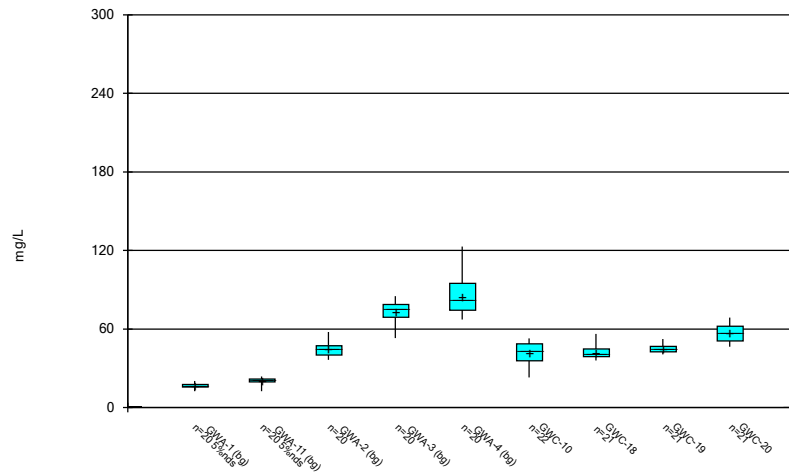
Constituent: Cadmium Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



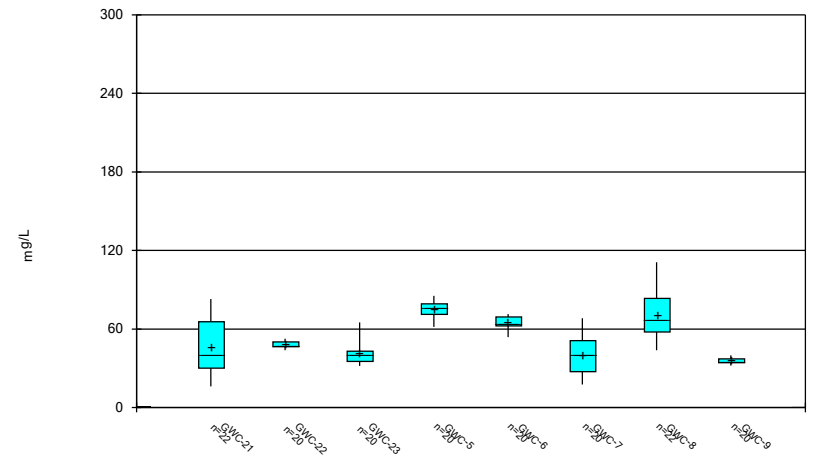
Constituent: Cadmium Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



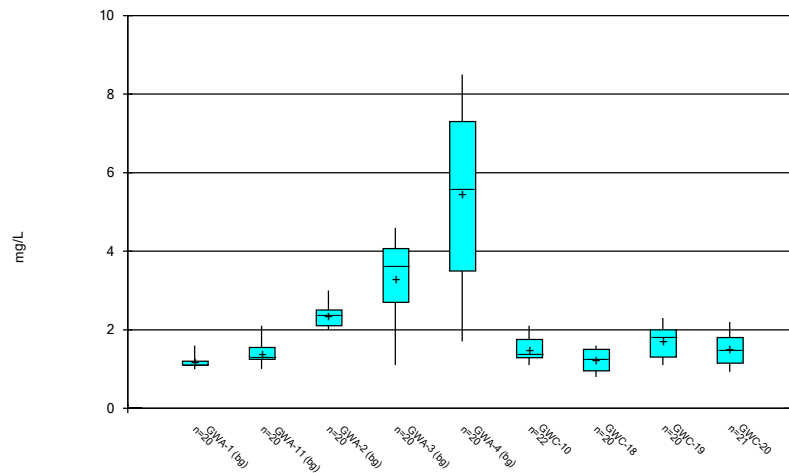
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



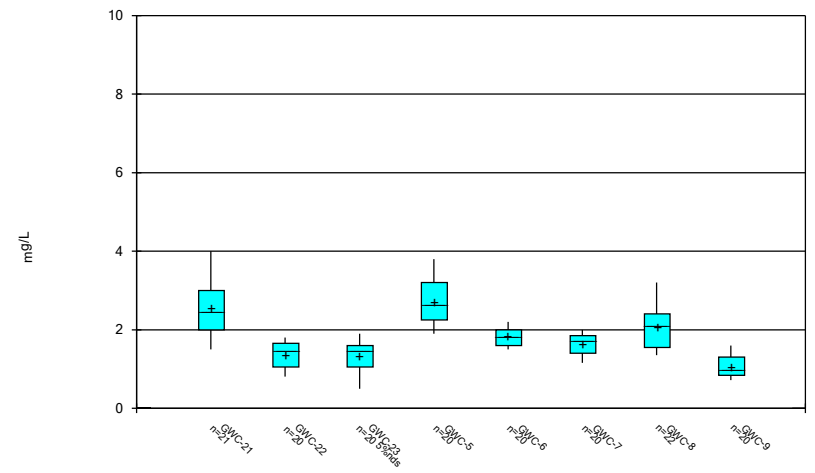
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



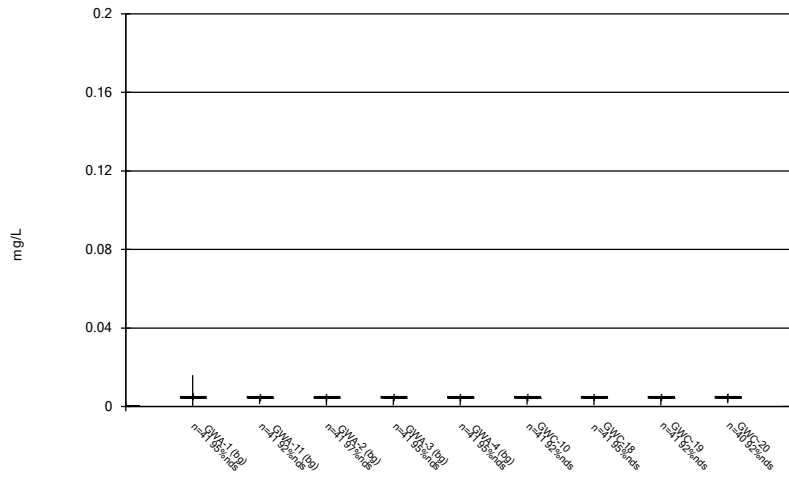
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



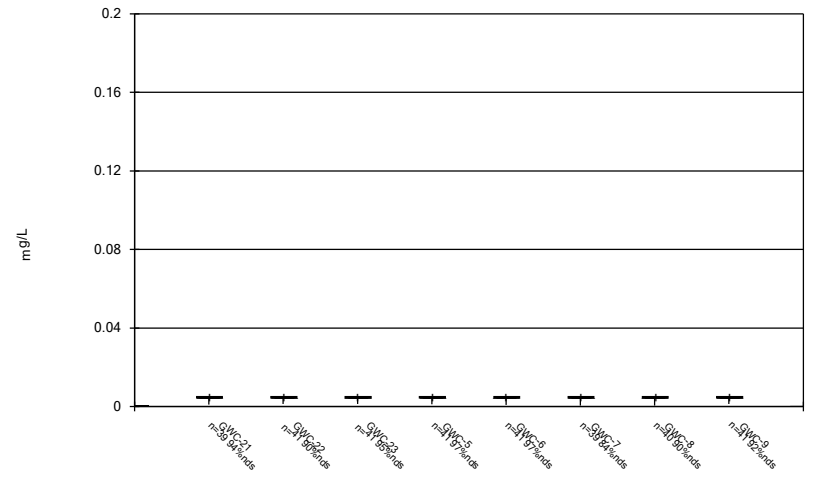
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



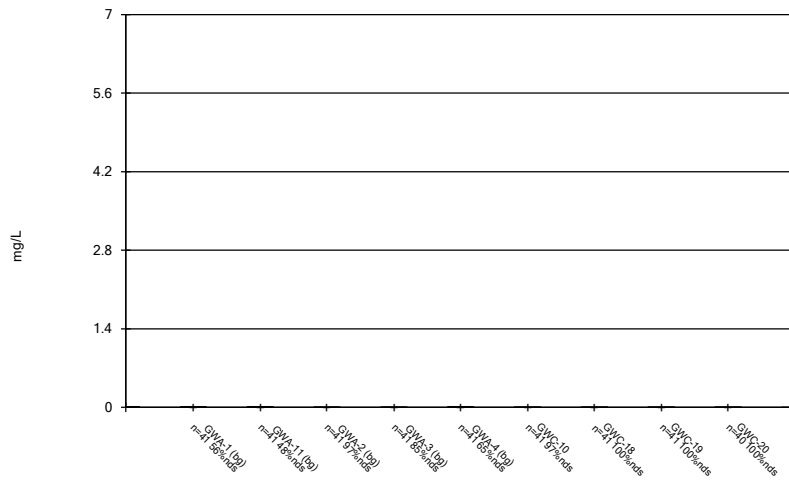
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



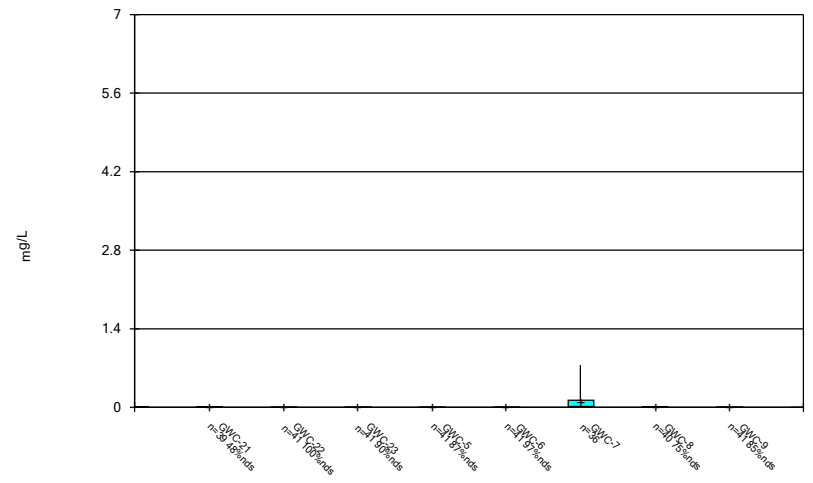
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



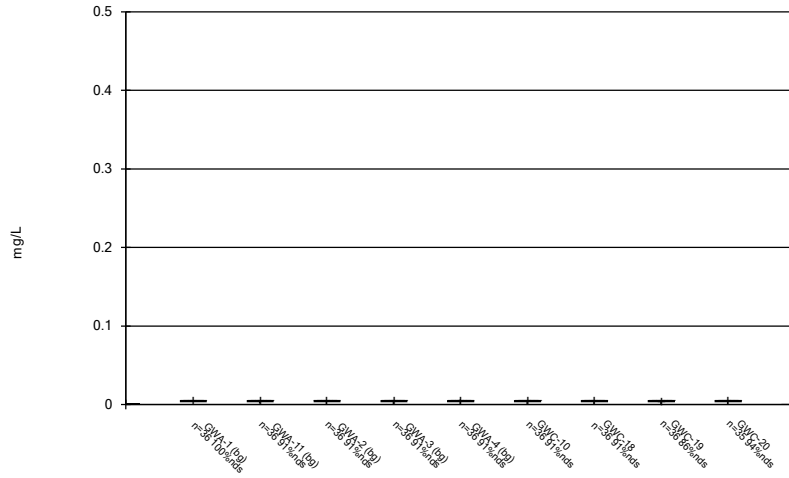
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



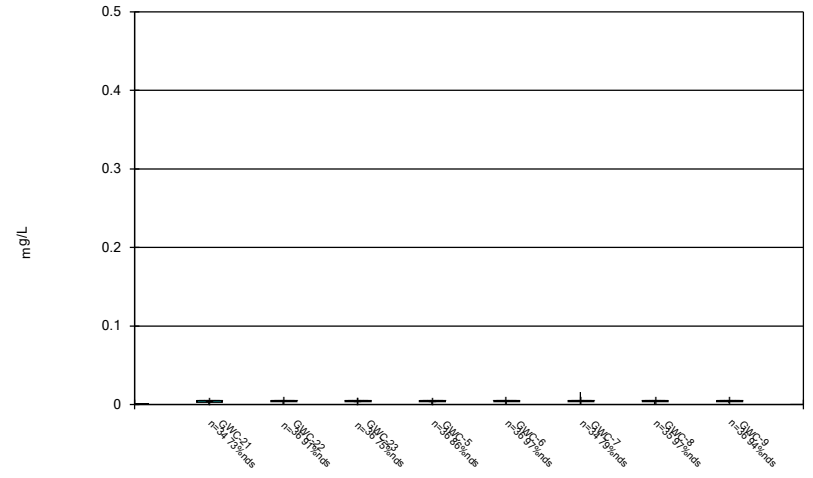
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



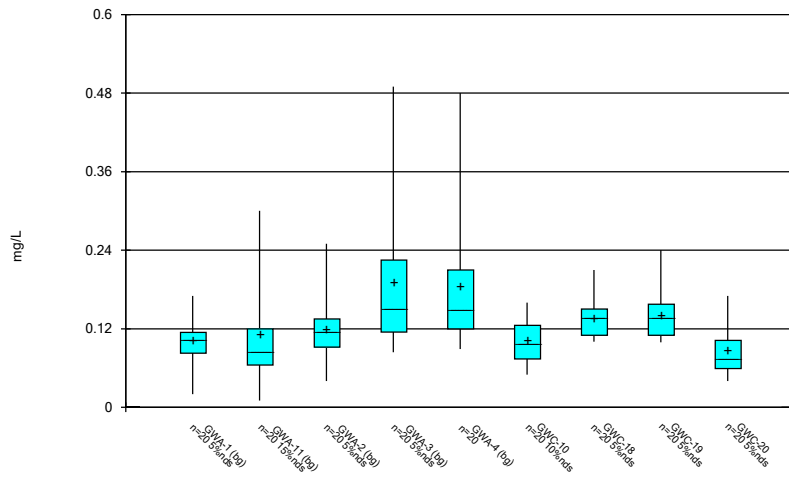
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



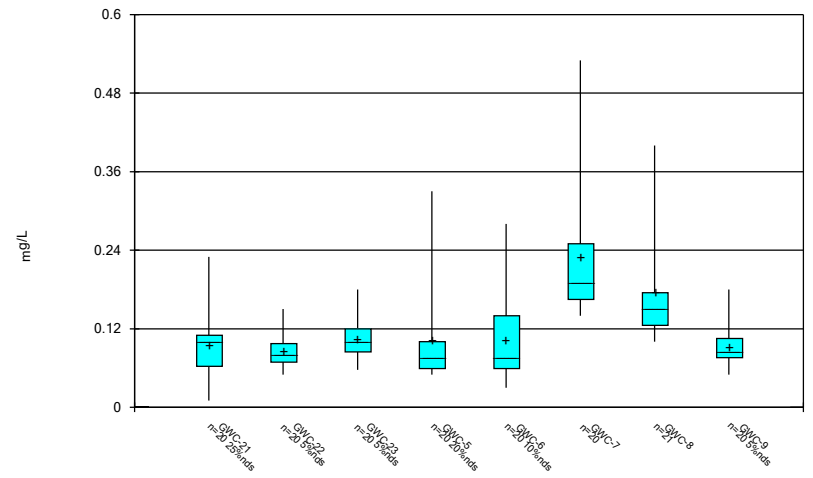
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



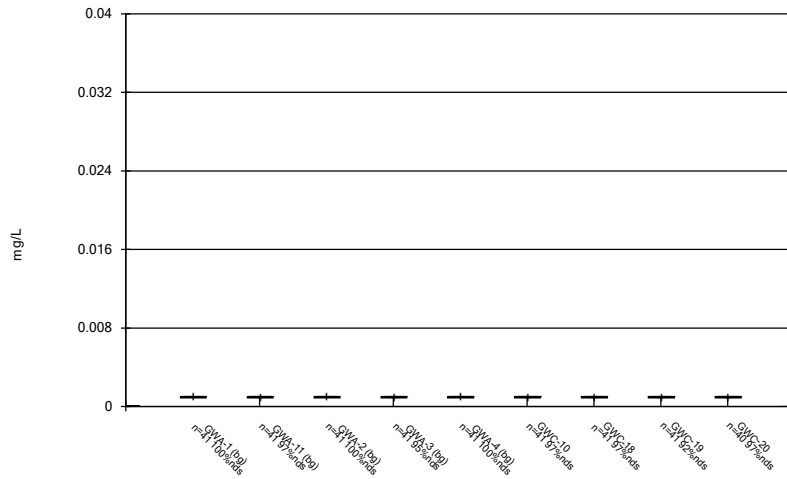
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



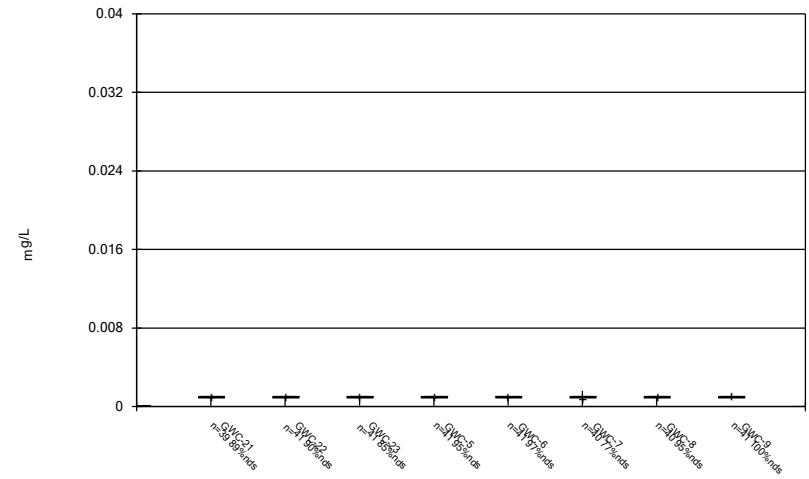
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



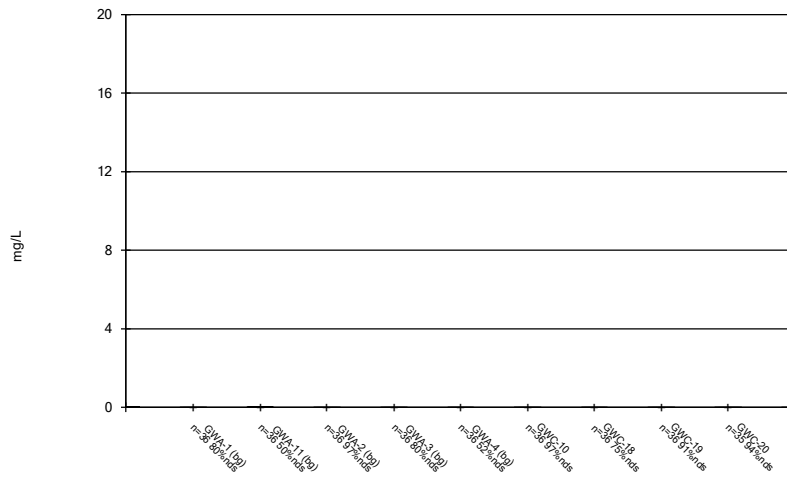
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



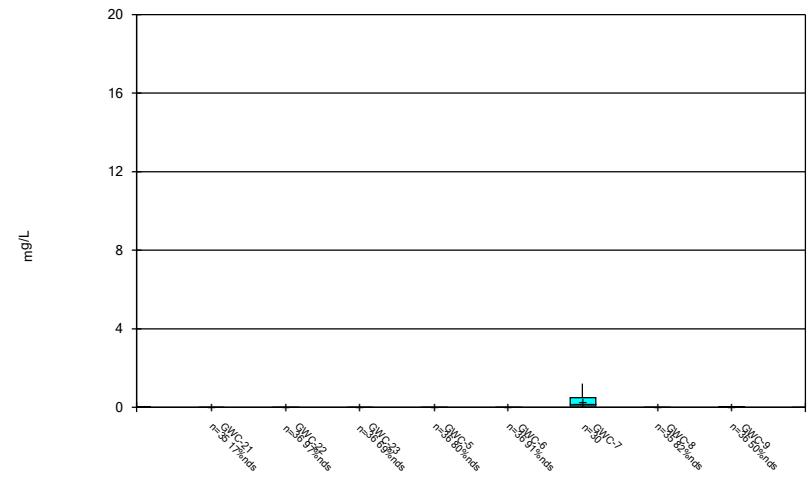
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



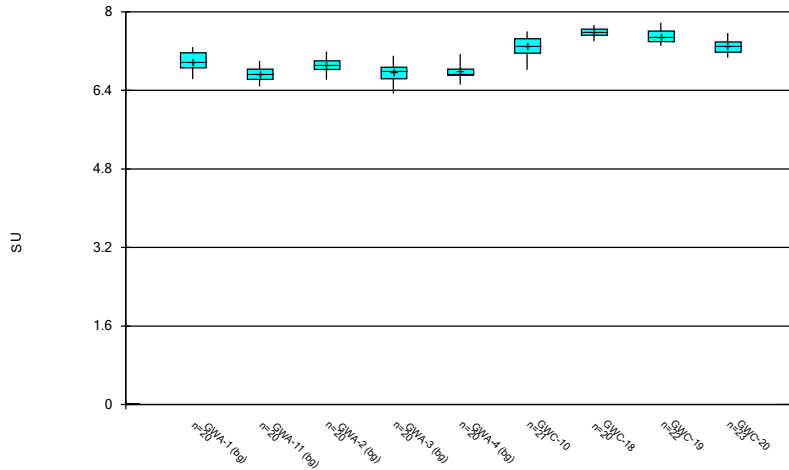
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



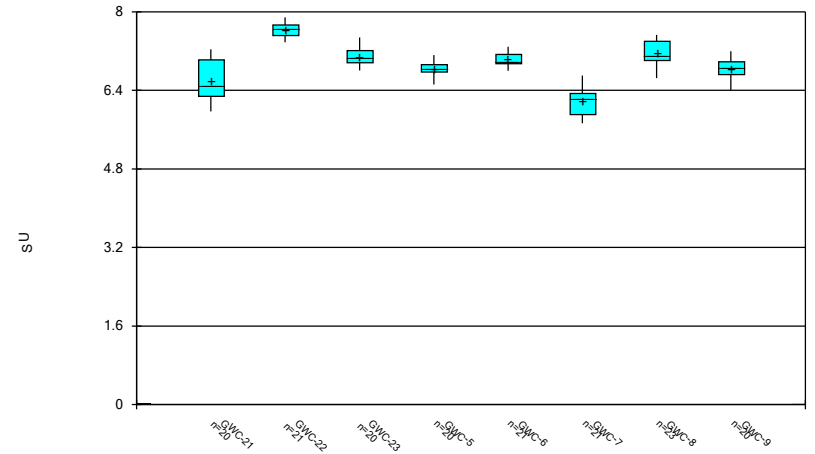
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



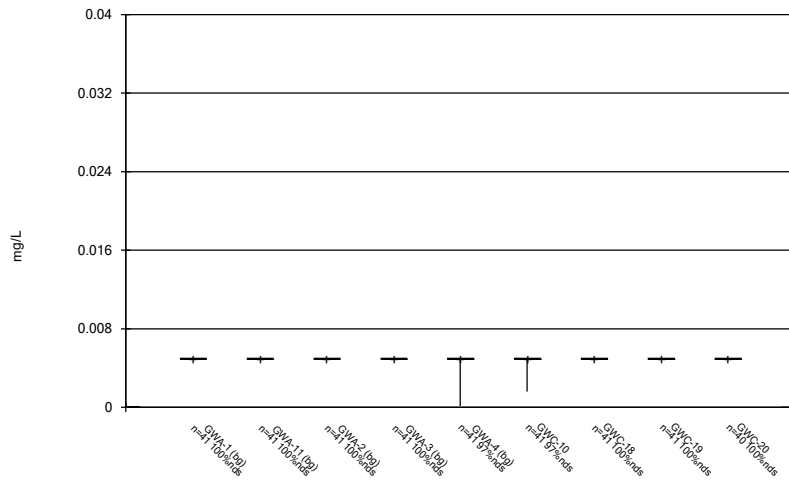
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



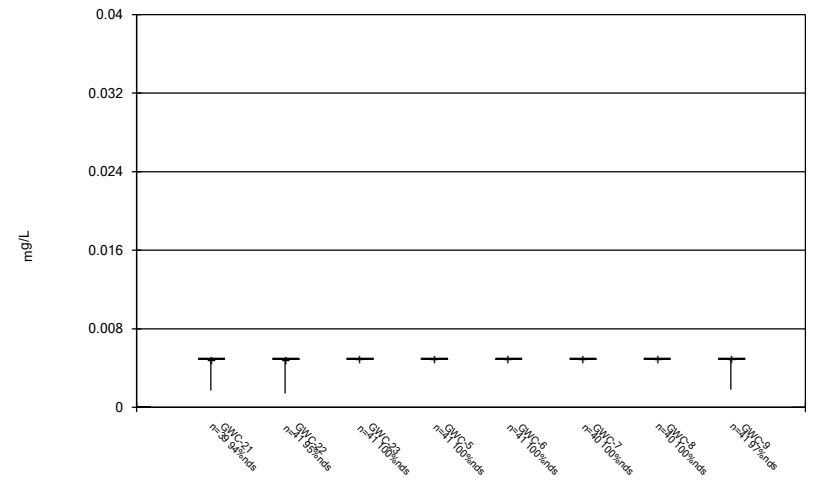
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



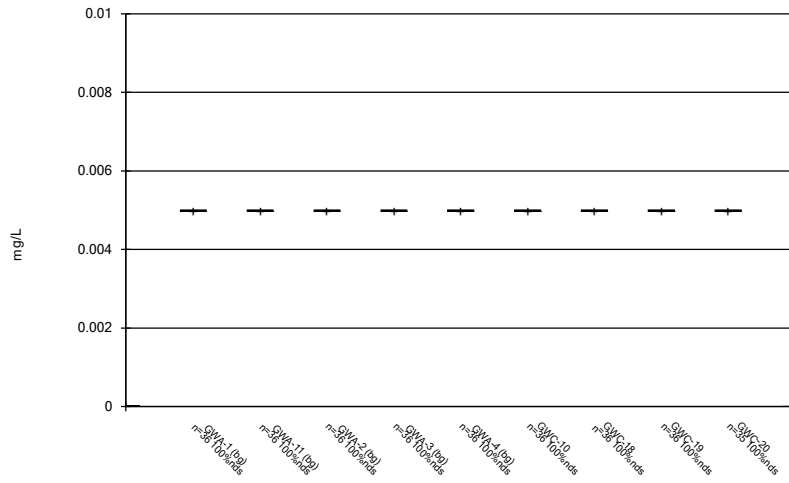
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



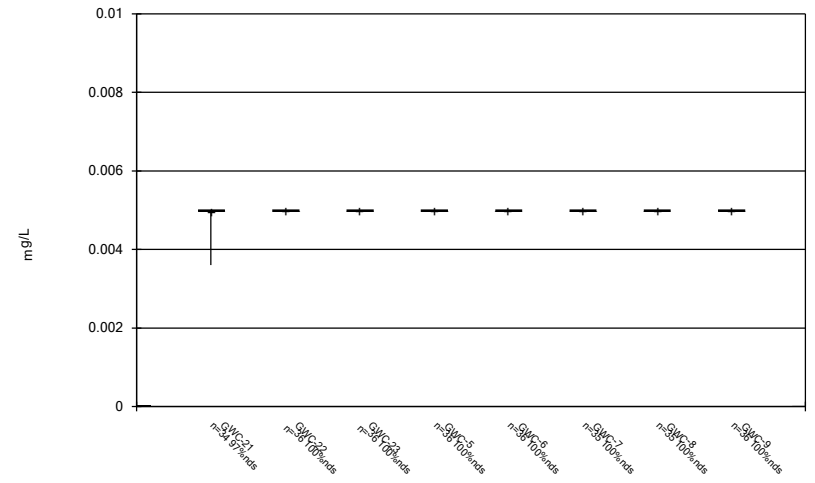
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



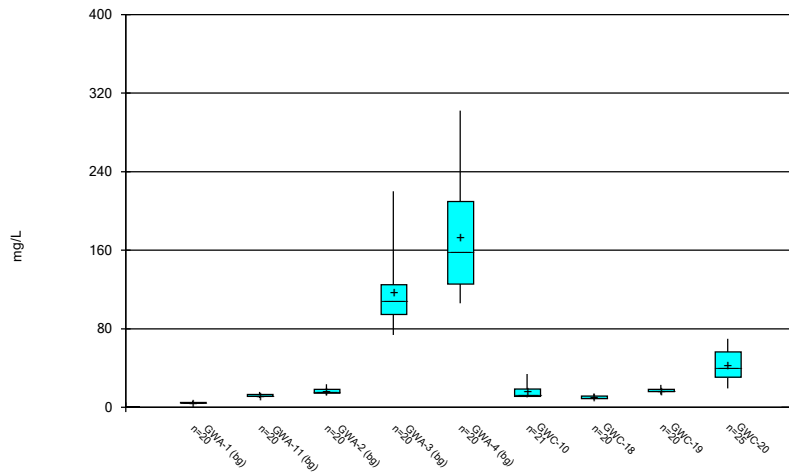
Constituent: Silver Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



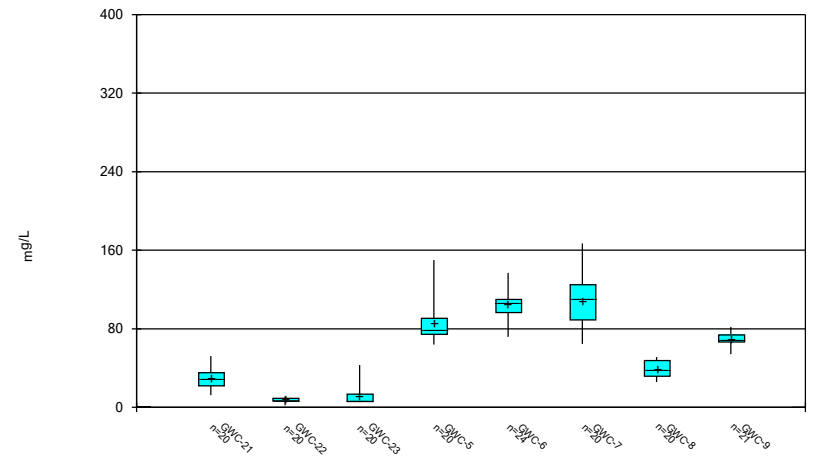
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



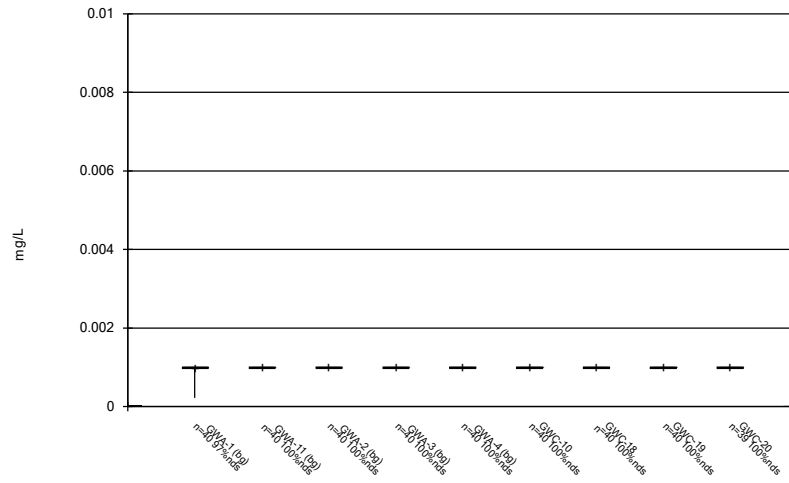
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



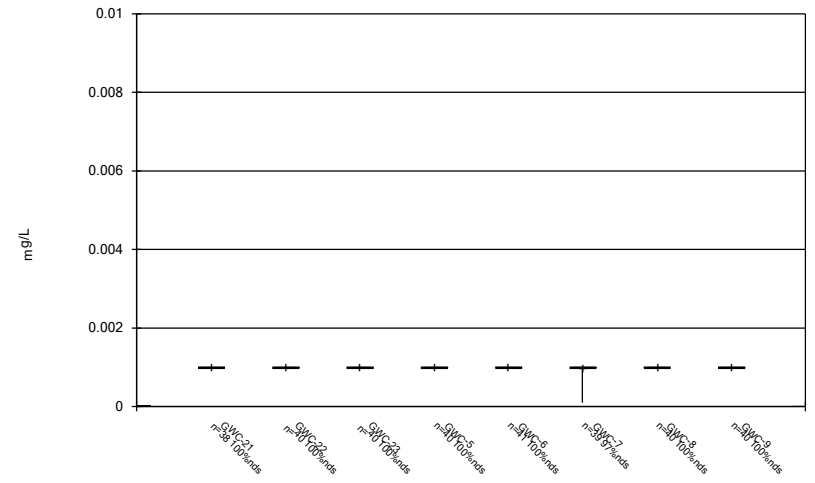
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



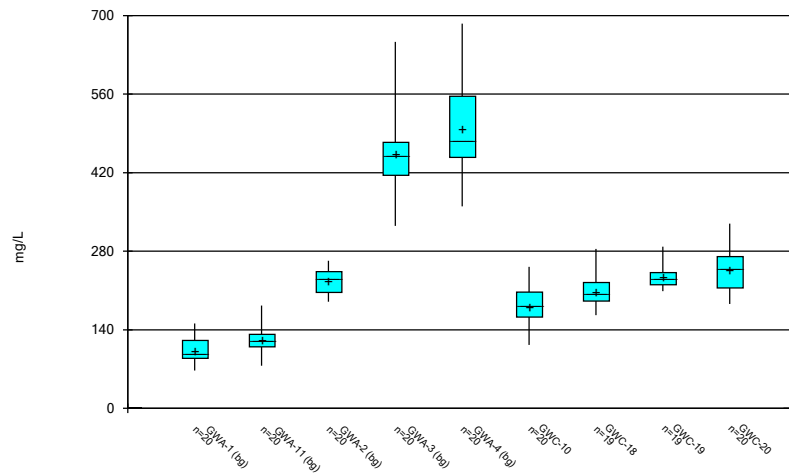
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



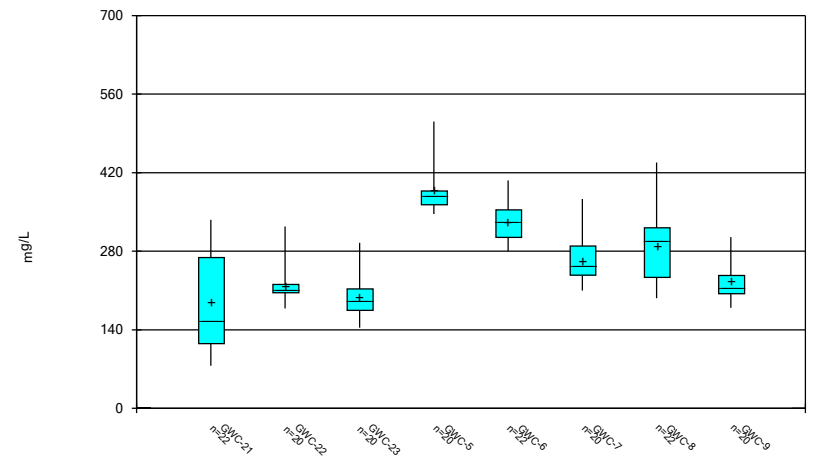
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



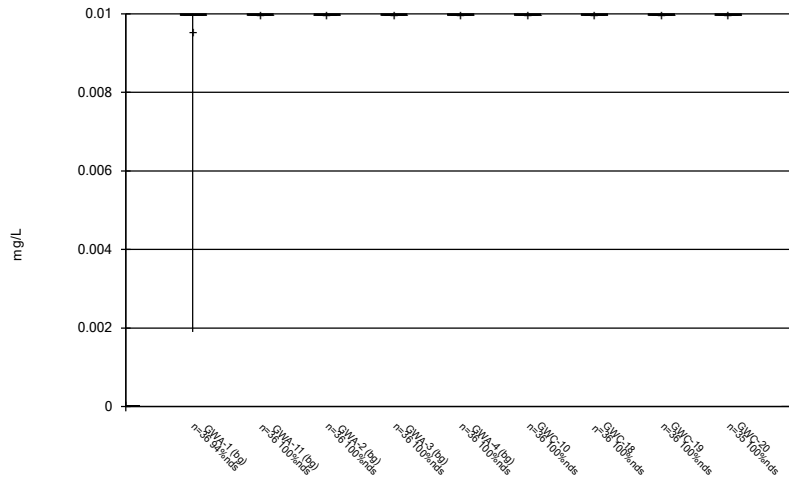
Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:33 PM View: Constituents View
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



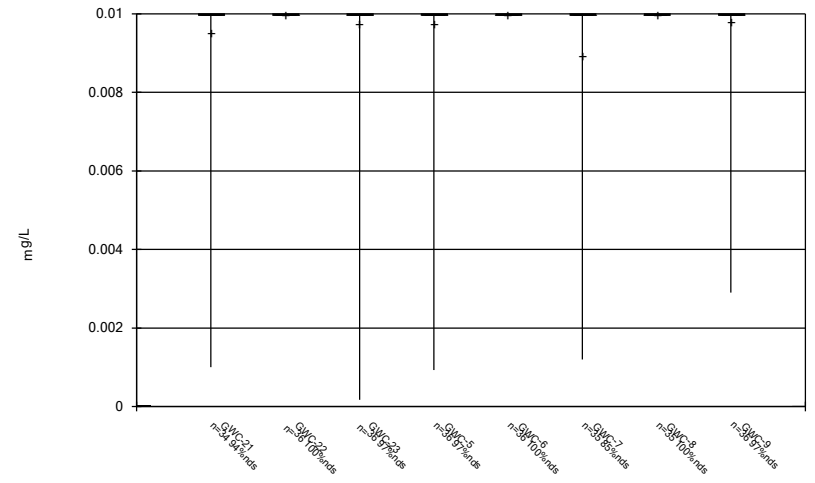
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Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



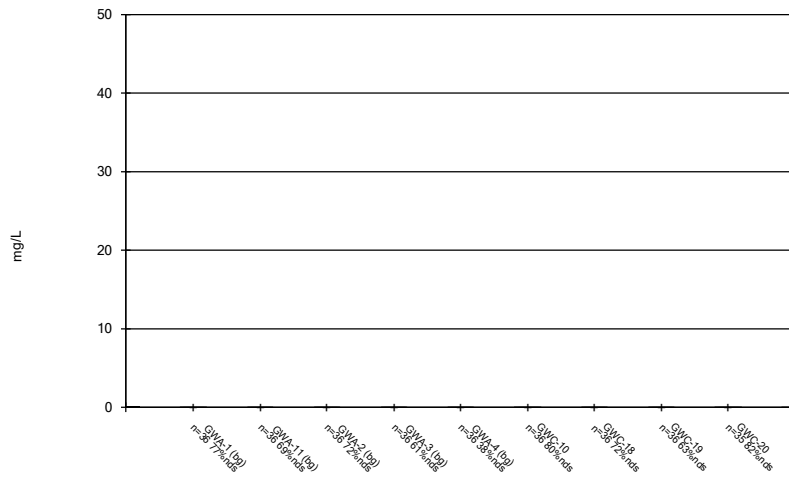
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



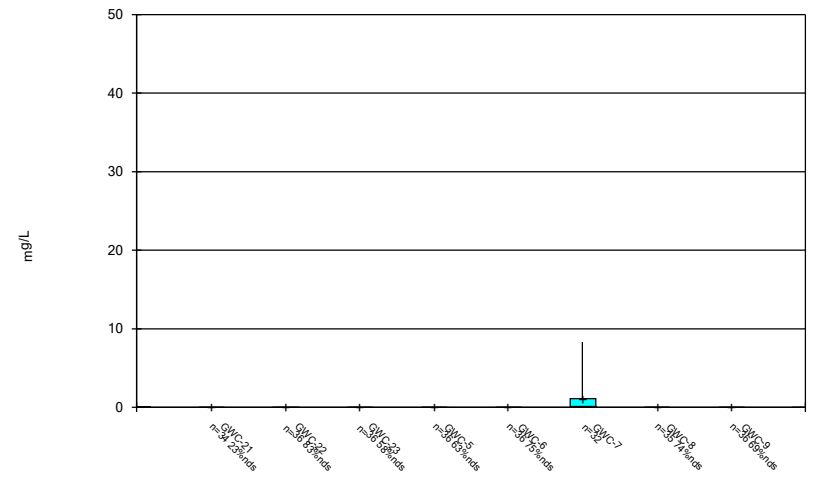
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 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/19/2023 4:33 PM View: Constituents View
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE C.

FIGURE D.

Appendix I - Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-2	0.1957	n/a	1/30/2023	0.2	Yes	29	0.1666	0.01321	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08756	n/a	1/31/2023	0.11	Yes	38	0.06495	0.0106	0	None	No	0.0006269	Param Intra 1 of 2

Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-11	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-2	0.003	n/a	1/30/2023	0.003ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-3	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10	0.003	n/a	1/30/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.003	n/a	1/31/2023	0.003ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8	0.003	n/a	1/31/2023	0.003ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	1/31/2023	0.003ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	68.42	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4	0.0065	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	86.84	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.011	n/a	1/31/2023	0.0028J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04924	n/a	1/30/2023	0.037	No	38	0.03897	0.004812	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-11	0.0425	n/a	1/30/2023	0.03	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.1957	n/a	1/30/2023	0.2	Yes	29	0.1666	0.01321	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-3	0.2212	n/a	1/30/2023	0.07	No	38	0.1656	0.02606	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWA-4	0.14	n/a	1/30/2023	0.037	No	38	n/a	n/a	0	n/a	n/a	0.001294	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-10	0.1945	n/a	1/30/2023	0.17	No	41	0.1273	0.03174	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.09031	n/a	1/31/2023	0.077	No	38	0.07443	0.007441	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-19	0.1691	n/a	1/31/2023	0.15	No	29	0.00041950.0001801	0	None	x^4	0.0006269	Param Intra 1 of 2	
Barium (mg/L)	GWC-20	0.149	n/a	1/31/2023	0.14	No	38	0.1177	0.01465	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-21	0.19	n/a	1/31/2023	0.033	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-22	0.1105	n/a	1/31/2023	0.09	No	29	-2.374	0.07763	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-23	0.08756	n/a	1/31/2023	0.11	Yes	38	0.06495	0.0106	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-5	0.1295	n/a	1/31/2023	0.064	No	38	0.09723	0.01511	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.2071	n/a	1/31/2023	0.15	No	29	0.1469	0.0273	0	None	No	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-7	0.3697	n/a	1/31/2023	0.047	No	19	0.3226	0.1206	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Barium (mg/L)	GWC-8	0.17	n/a	1/31/2023	0.12	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-9	0.07234	n/a	1/31/2023	0.064	No	28	0.06145	0.004913	0	None	No	0.0006269	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-11	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-2	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-3	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-4	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.01841	n/a	1/31/2023	0.00021J	No	33	-7.926	1.812	27.27	Kaplan-Meier	ln(x)	0.0006269	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-11	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-2	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-3	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-4	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	1/30/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-20	0.0005	n/a	1/31/2023	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21	0.0005	n/a	1/31/2023	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-23	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0015	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7	0.0035	n/a	1/31/2023	0.0005ND	No	35	n/a	n/a	85.71	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8	0.0005	n/a	1/31/2023	0.0005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-9	0.0005	n/a	1/31/2023	0.0005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.016	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2

Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.0064	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23	0.0051	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-7	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.0005J	No	38	n/a	n/a	60.53	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.00043J	No	38	n/a	n/a	52.63	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	63.16	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21	0.01	n/a	1/31/2023	0.002J	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.06885	n/a	1/31/2023	0.031	No	23	0.028	0.01788	0	None	No	0.0006269	Param Intra 1 of 2
Cobalt (mg/L)	GWC-8	0.01	n/a	1/31/2023	0.00055J	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4	0.0066	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.0012J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23	0.0084	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	84.85	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.016	n/a	1/31/2023	0.005ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-11	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-3	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	1/30/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	92.11	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.001	n/a	1/31/2023	0.001ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	89.47	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	84.21	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	1/31/2023	0.001ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.0016	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8	0.001	n/a	1/31/2023	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.0017J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.00082J	No	33	n/a	n/a	87.88	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4	0.0055	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	51.52	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0062	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.005	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21	0.009689	n/a	1/31/2023	0.005J	No	32	0.06271	0.0164	18.75	Kaplan-Meier	sqrt(x)	0.0006269	Param Intra 1 of 2

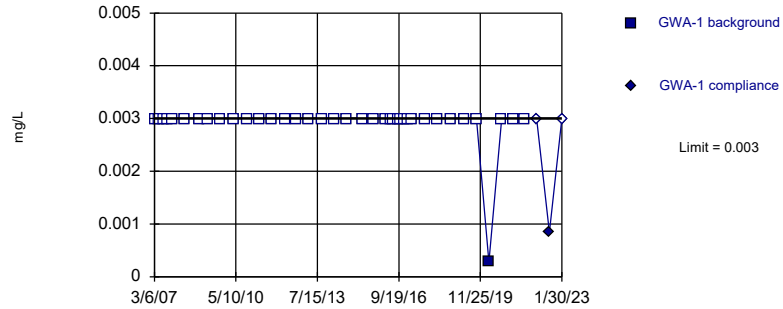
Appendix I - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/5/2023, 5:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.005	n/a	1/31/2023	0.005ND	No	33	n/a	n/a	90.91	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.2685	n/a	1/31/2023	0.11	No	18	0.1037	0.06873	0	None	No	0.0006269	Param Intra 1 of 2
Nickel (mg/L)	GWC-8	0.0073	n/a	1/31/2023	0.005ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.002J	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	100	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	1/30/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	94.74	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.005	n/a	1/31/2023	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-1	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-11	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-2	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-3	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-4	0.005	n/a	1/30/2023	0.005ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-21	0.005	n/a	1/31/2023	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-1	0.001	n/a	1/30/2023	0.00022J	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-11	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-3	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-4	0.001	n/a	1/30/2023	0.001ND	No	37	n/a	n/a	100	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	1/31/2023	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	1/30/2023	0.0022J	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	100	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.01	n/a	1/31/2023	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-7	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	75.76	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-11	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	57.58	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.01	n/a	1/30/2023	0.01ND	No	33	n/a	n/a	78.79	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	69.7	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.013	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-21	0.008879	n/a	1/31/2023	0.01ND	No	31	0.1676	0.01806	16.13	Kaplan-Meier $x^{(1/3)}$	n/a	0.0006269	Param Intra 1 of 2
Zinc (mg/L)	GWC-22	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	81.82	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-23	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	60.61	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	72.73	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.4964	n/a	1/31/2023	0.19	No	18	0.1863	0.1294	0	None	No	0.0006269	Param Intra 1 of 2
Zinc (mg/L)	GWC-8	0.01	n/a	1/31/2023	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	1/31/2023	0.01ND	No	33	n/a	n/a	66.67	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

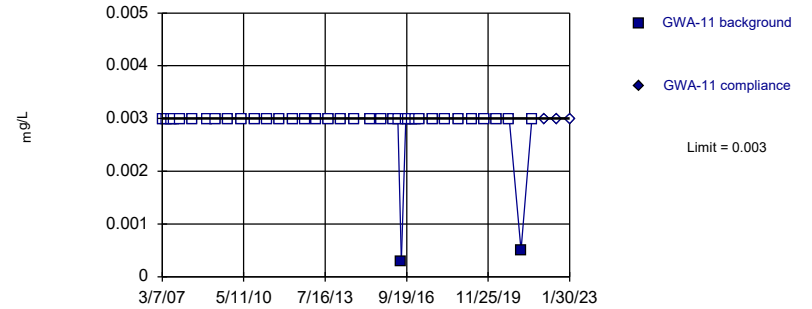


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

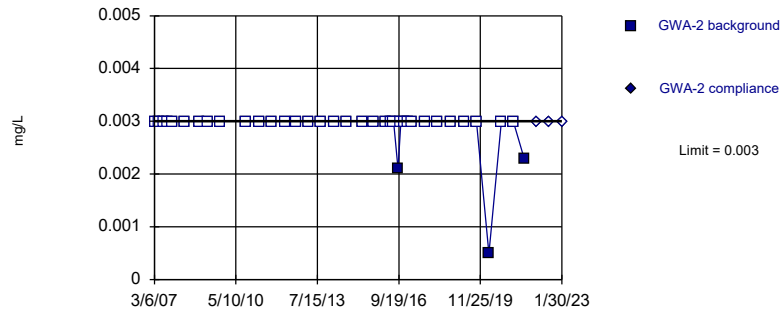


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

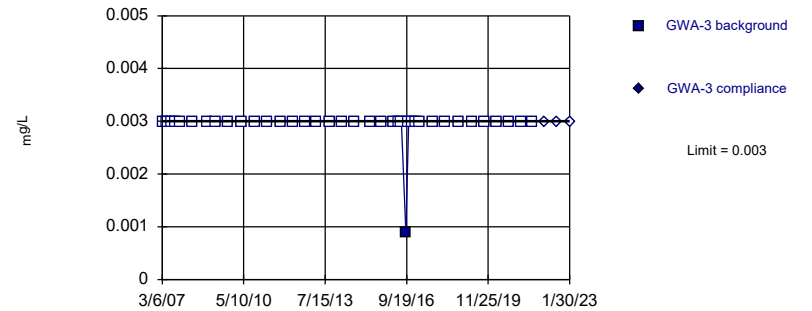


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

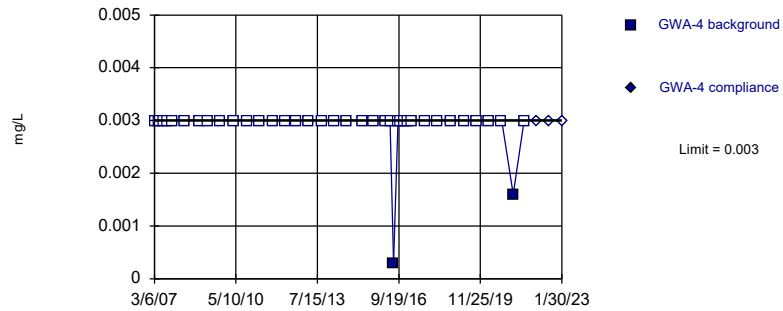


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

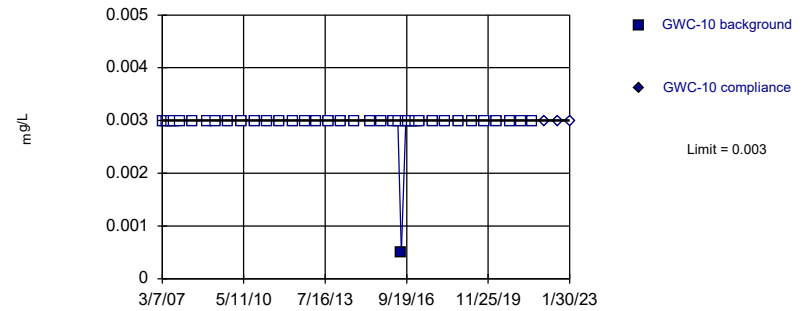


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

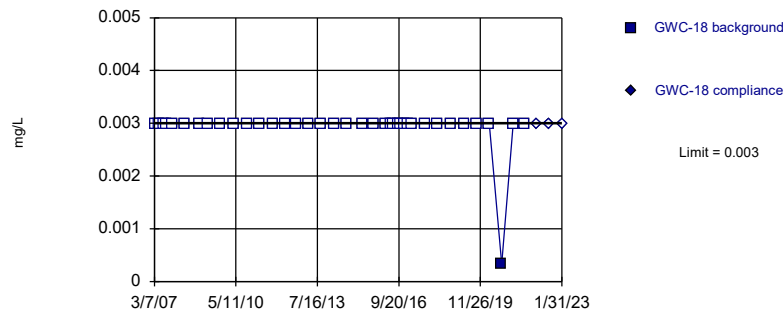


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

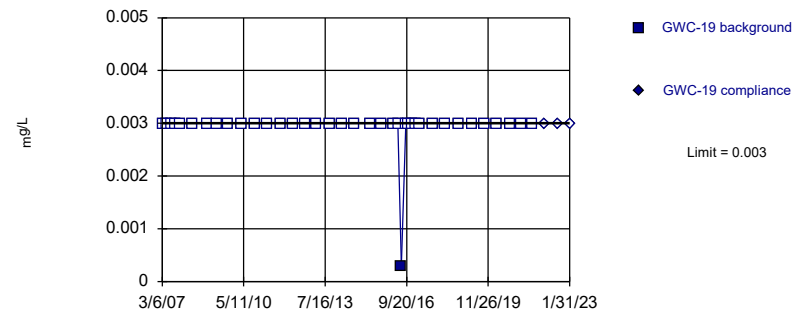


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

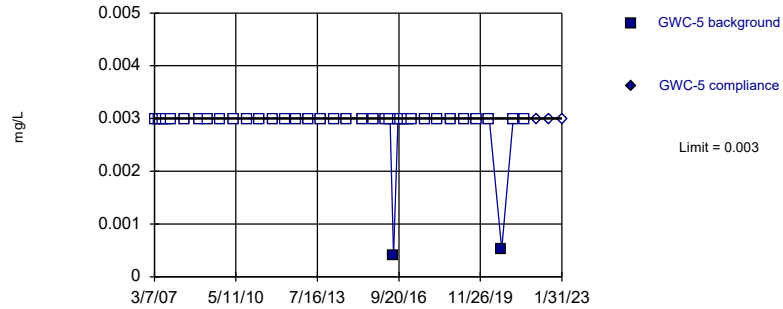


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

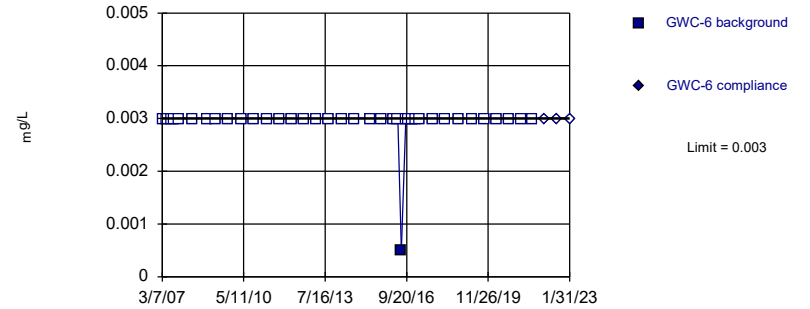


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

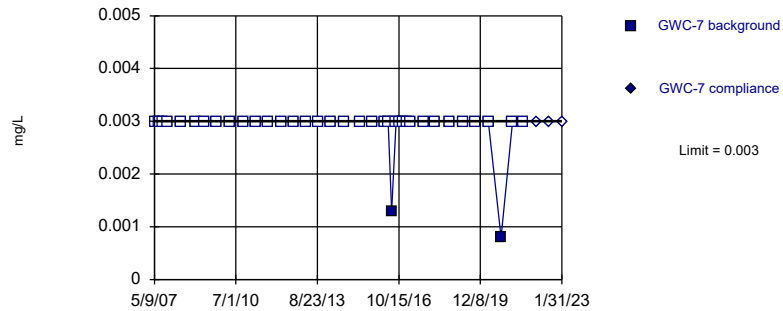


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

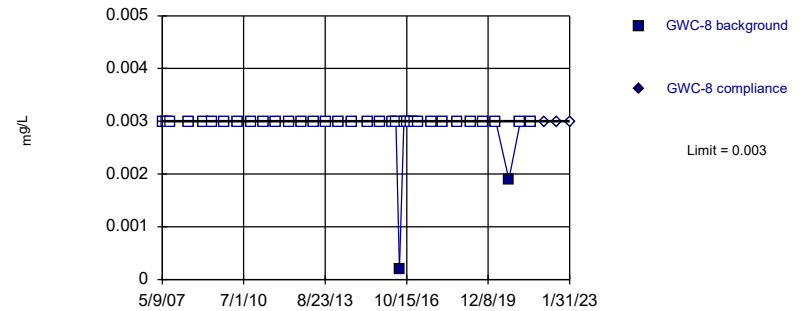


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

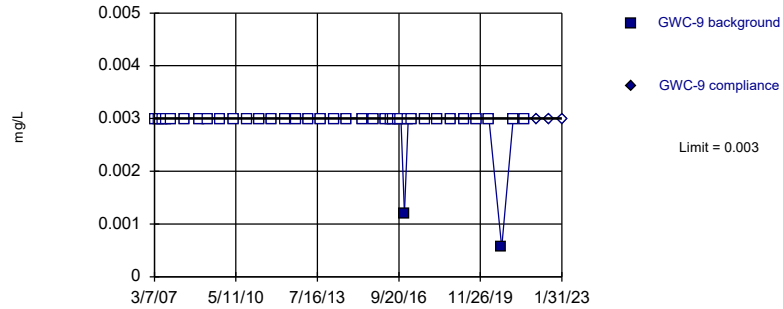


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

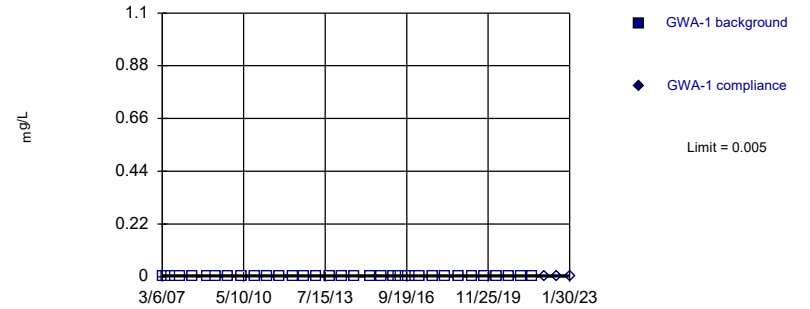


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Antimony Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

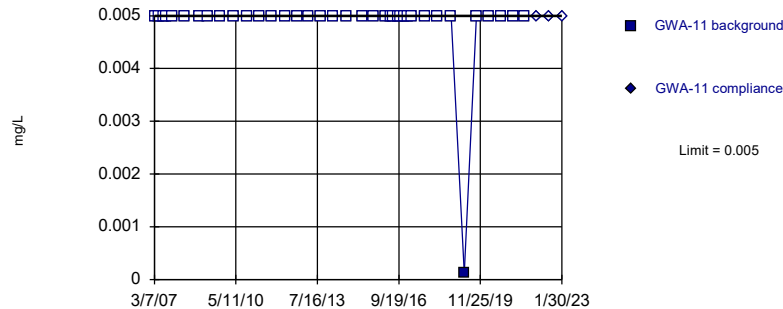


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

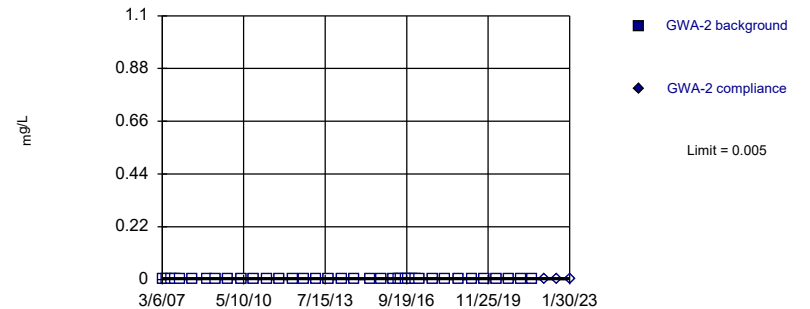


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

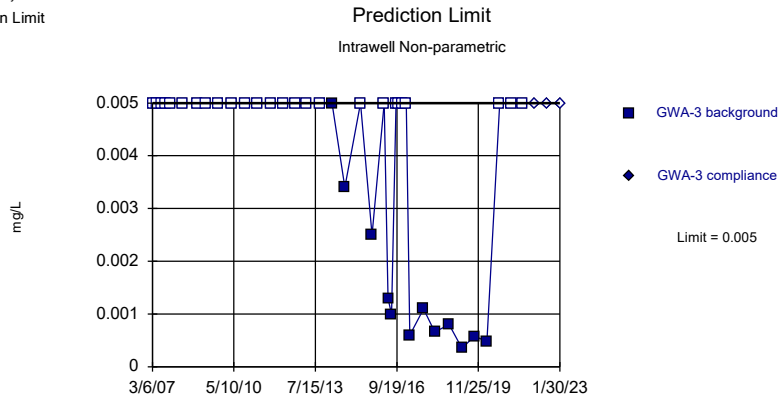
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

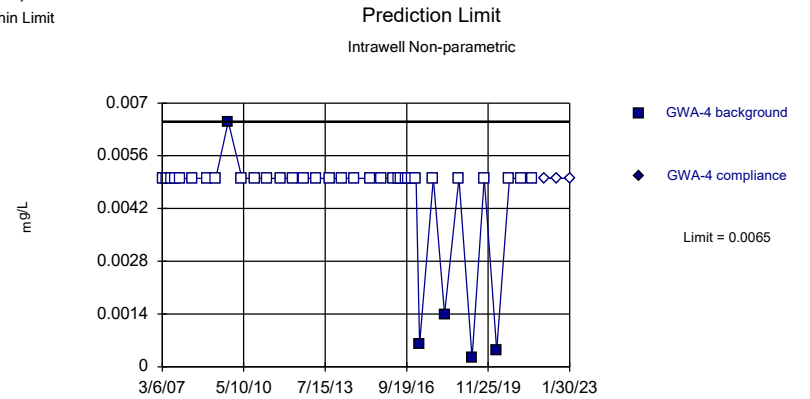
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 68.42% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

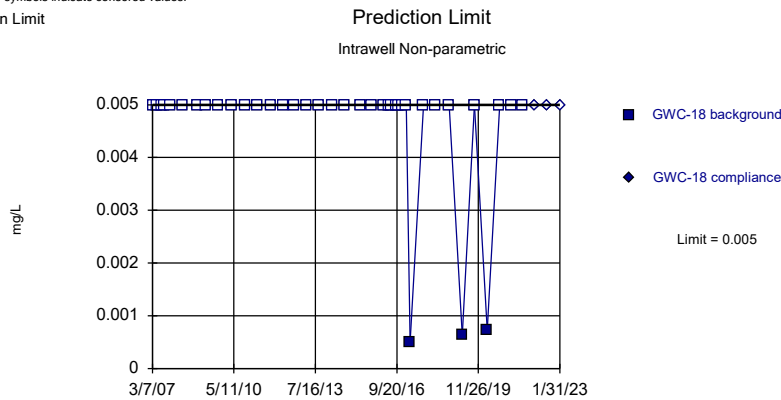
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 86.84% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

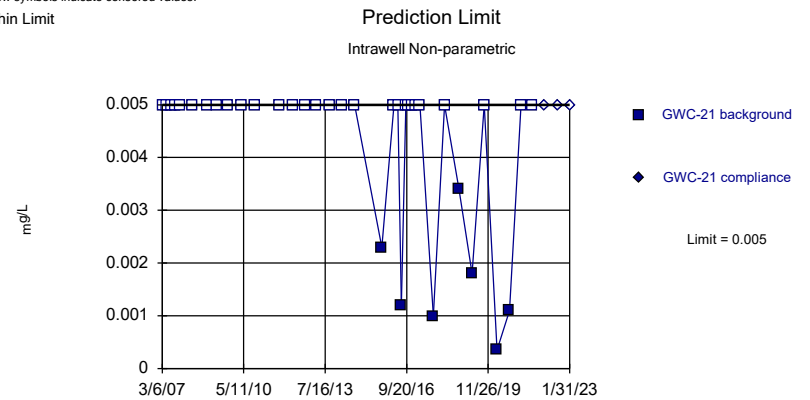
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

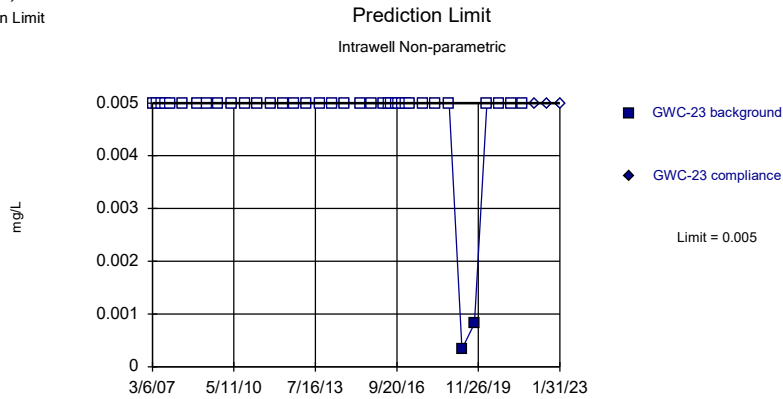
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

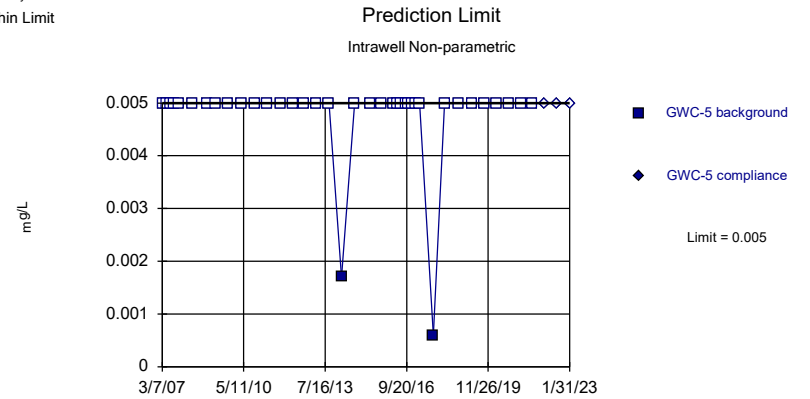
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

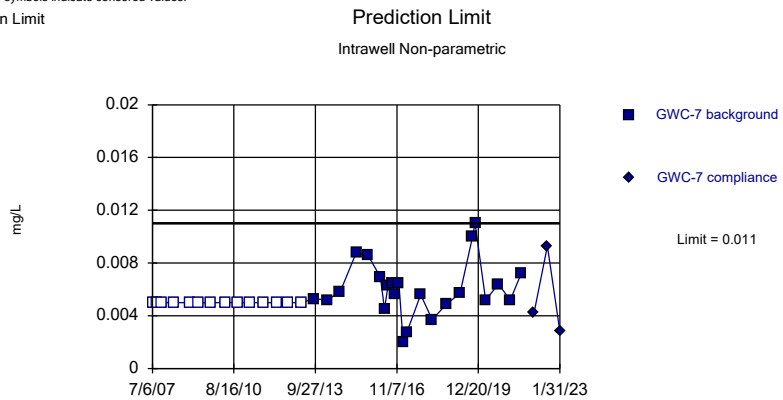
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

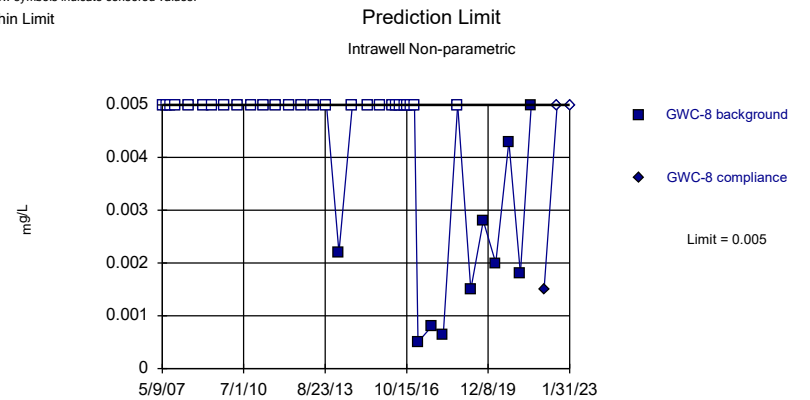
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



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 37 background values. 37.84% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

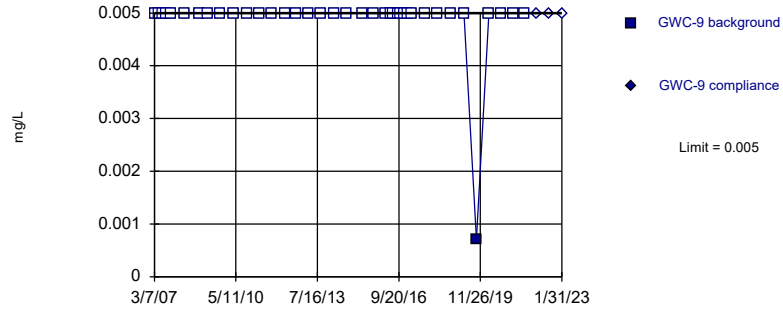


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

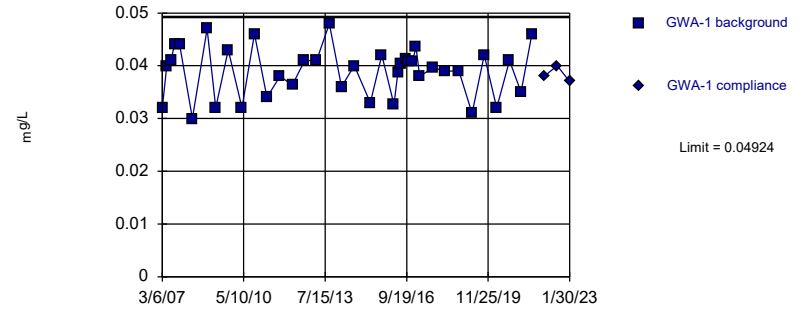


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Arsenic Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

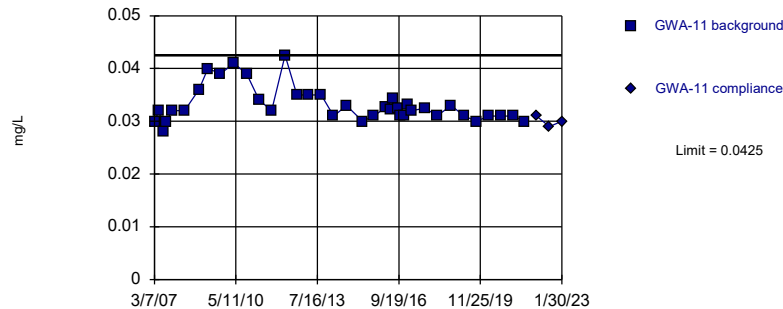


Background Data Summary: Mean=0.03897, Std. Dev.=0.004812, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

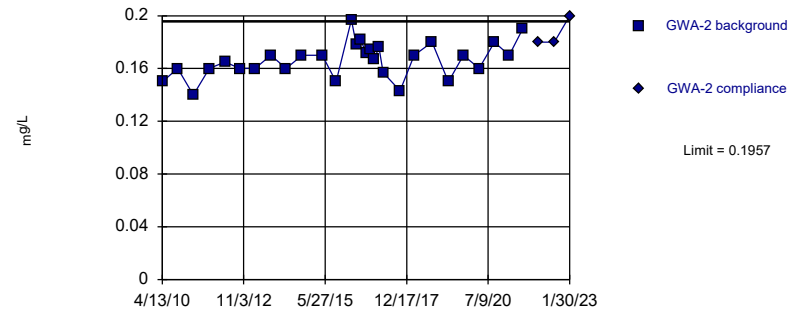


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit
Intrawell Parametric

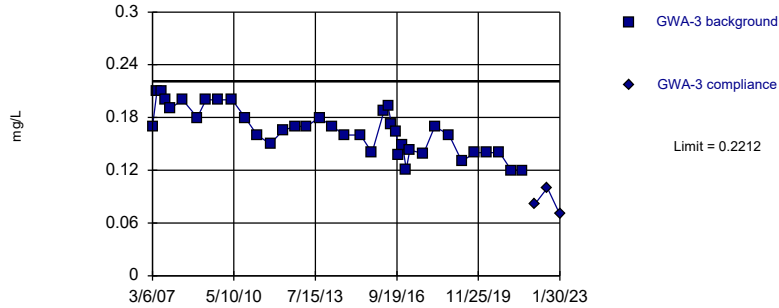


Background Data Summary: Mean=0.1666, Std. Dev.=0.01321, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9772, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

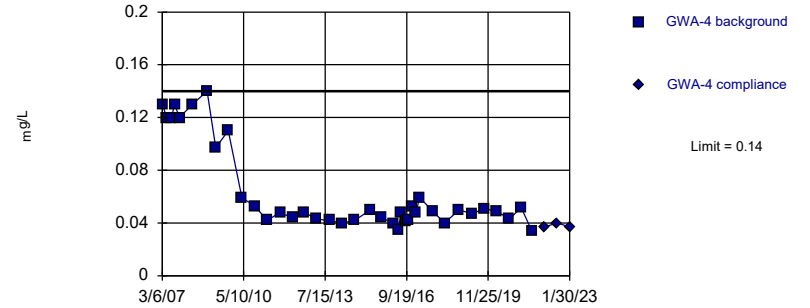


Background Data Summary: Mean=0.1656, Std. Dev.=0.02606, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

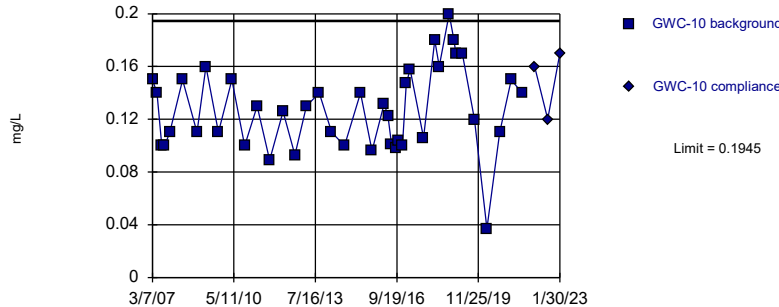


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

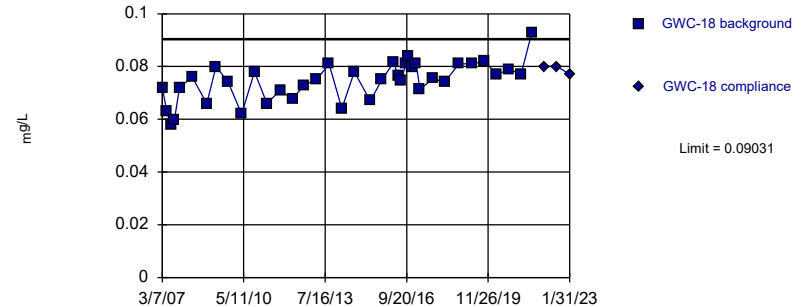


Background Data Summary: Mean=0.1273, Std. Dev.=0.03174, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9632, critical = 0.92. Kappa = 2.118 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

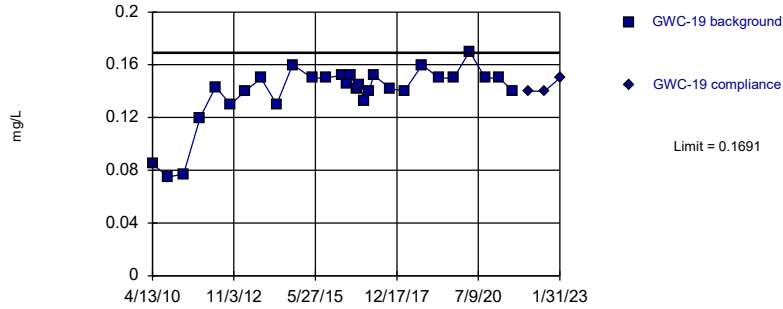


Background Data Summary: Mean=0.07443, Std. Dev.=0.007441, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9635, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

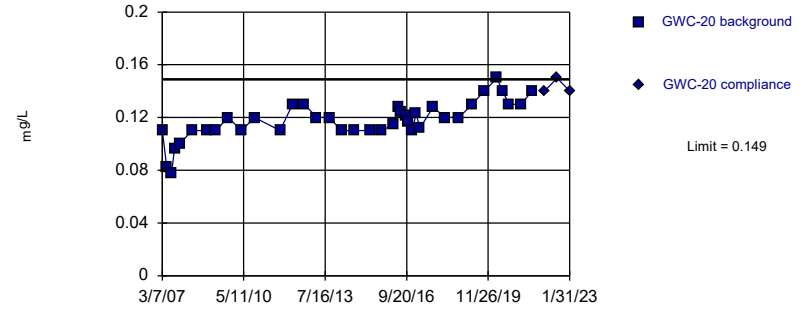


Background Data Summary (based on x⁴ transformation): Mean=0.0004195, Std. Dev.=0.0001801, n=29.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9247, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

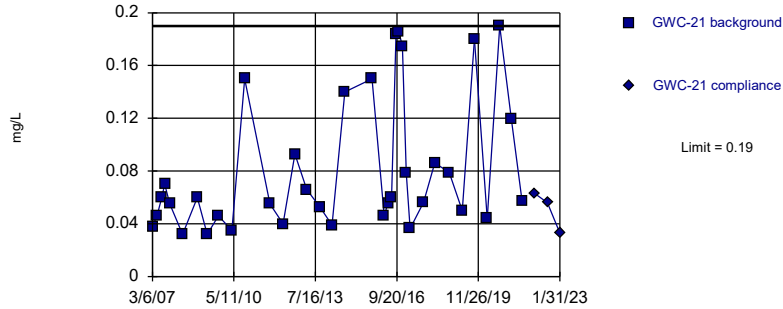


Background Data Summary: Mean=0.1177, Std. Dev.=0.01465, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9438, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

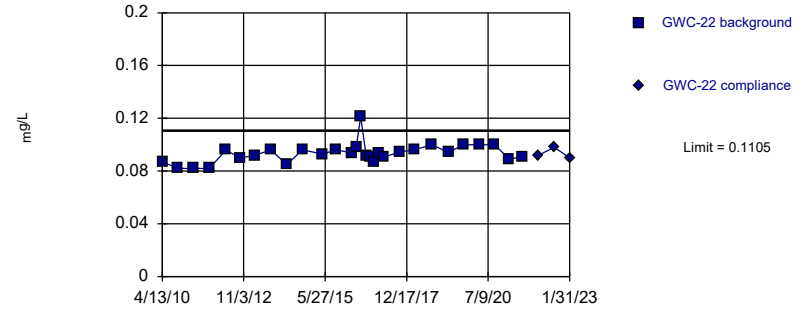


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

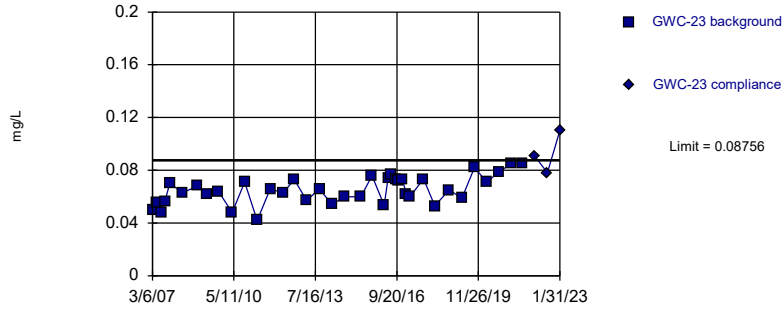


Background Data Summary (based on natural log transformation): Mean=-2.374, Std. Dev.=0.07763, n=29.
 Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9051, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

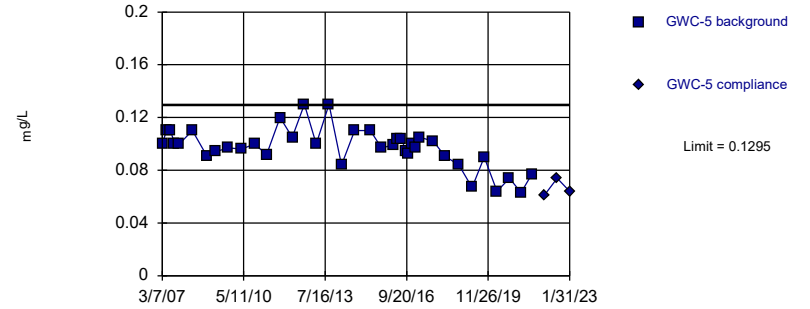


Background Data Summary: Mean=0.06495, Std. Dev.=0.0106, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9801, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

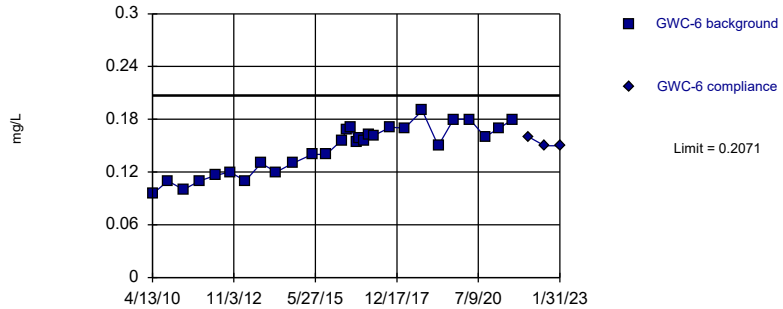


Background Data Summary: Mean=0.09723, Std. Dev.=0.01511, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9434, critical = 0.916. Kappa = 2.134 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:51 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

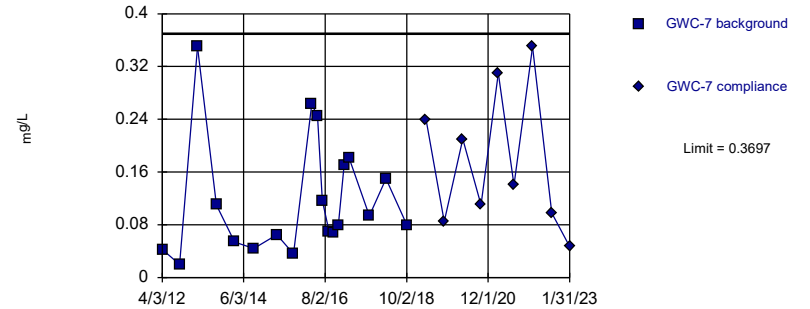


Background Data Summary: Mean=0.1469, Std. Dev.=0.0273, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9315, critical = 0.898. Kappa = 2.207 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

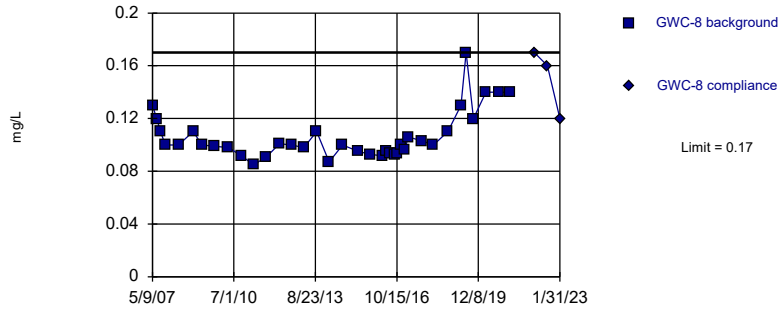


Background Data Summary (based on square root transformation): Mean=0.3226, Std. Dev.=0.1206, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

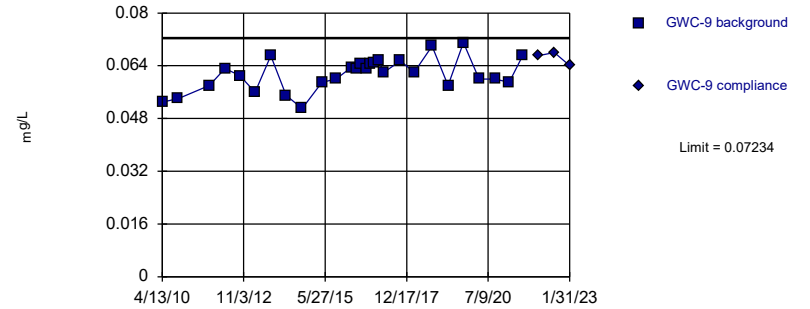


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



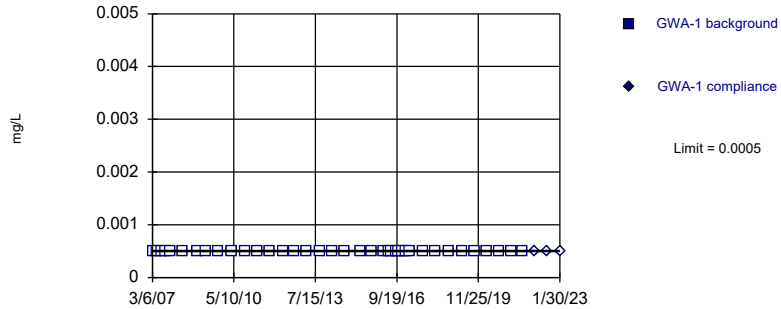
Background Data Summary: Mean=0.06145, Std. Dev.=0.004913, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9838, critical = 0.896. Kappa = 2.218 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Barium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



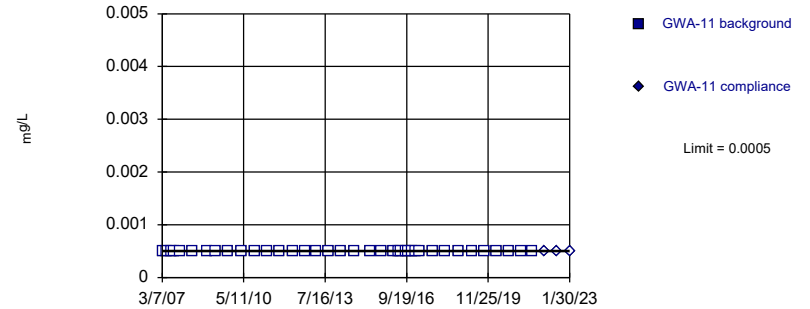
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

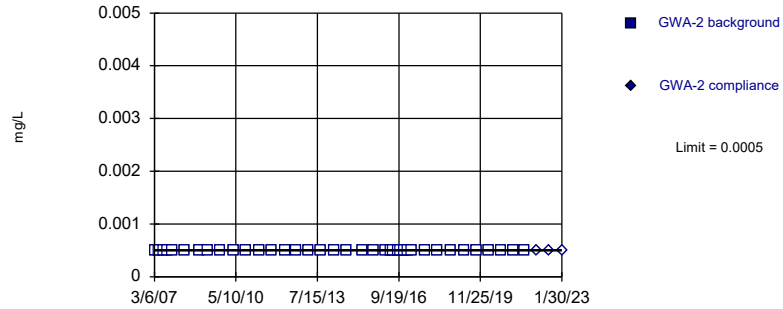


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

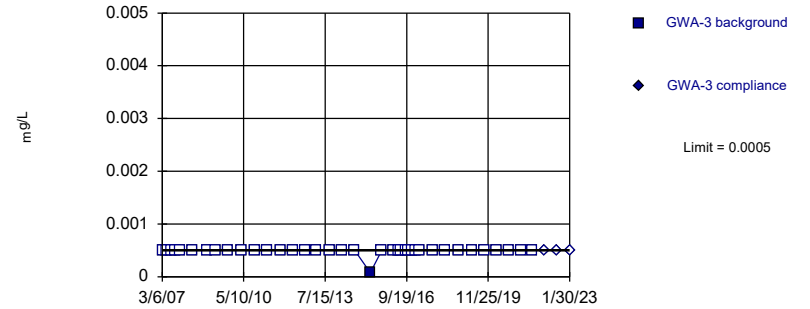


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

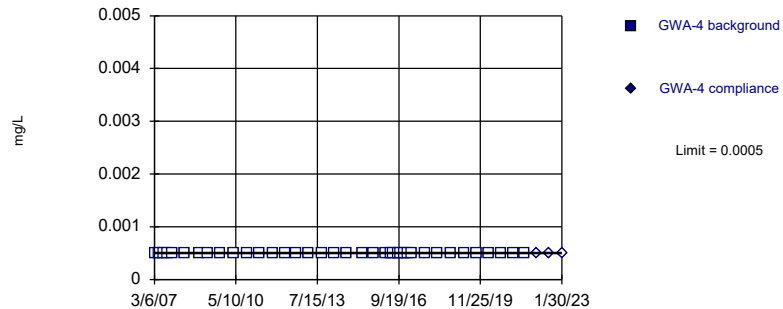


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

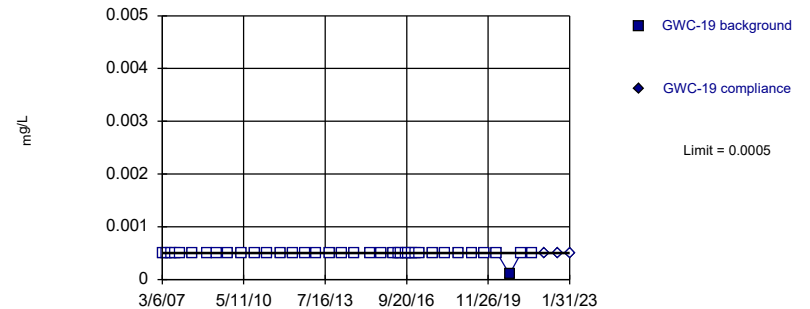


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

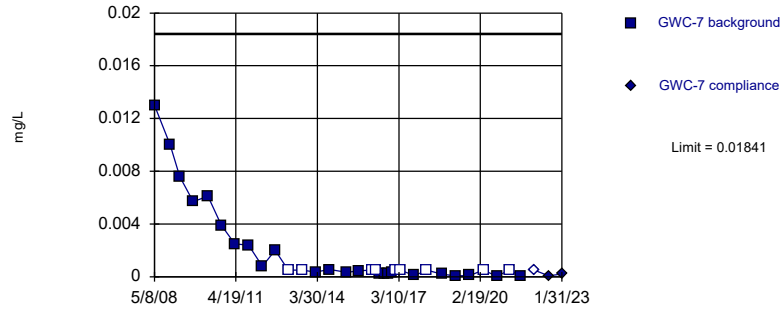


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

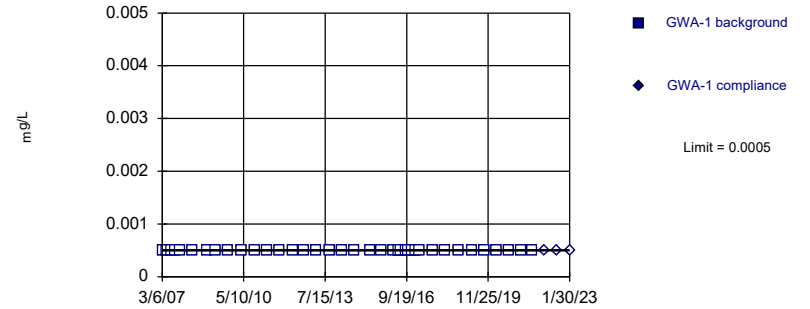


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.926, Std. Dev.=1.812, n=33, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9262, critical = 0.906. Kappa = 2.17 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Beryllium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

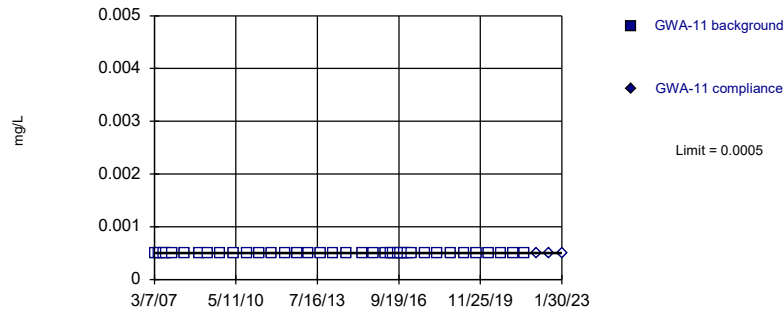


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

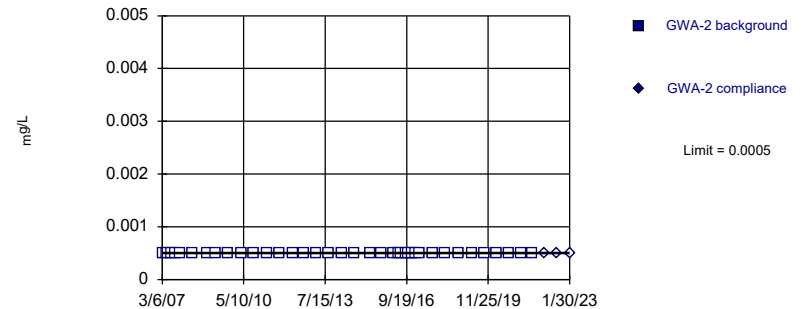


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

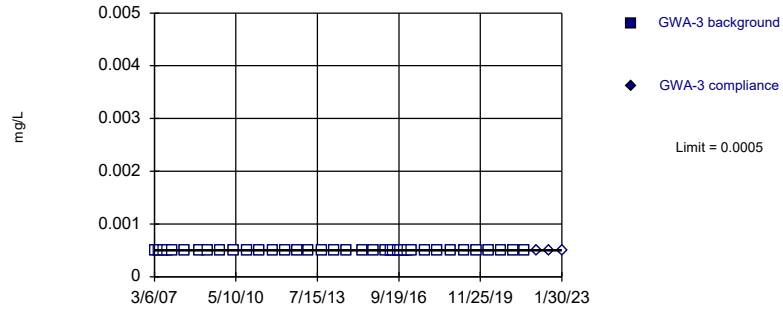


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

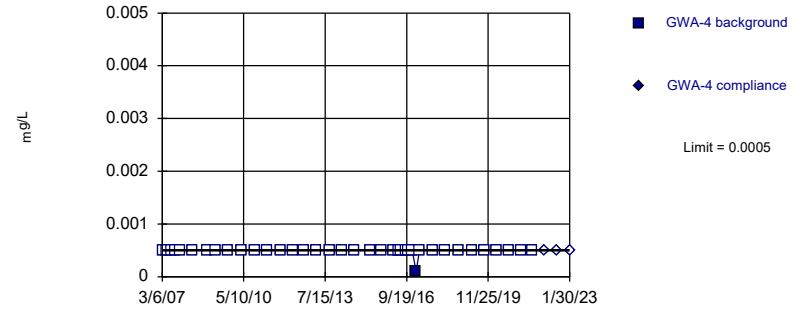


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

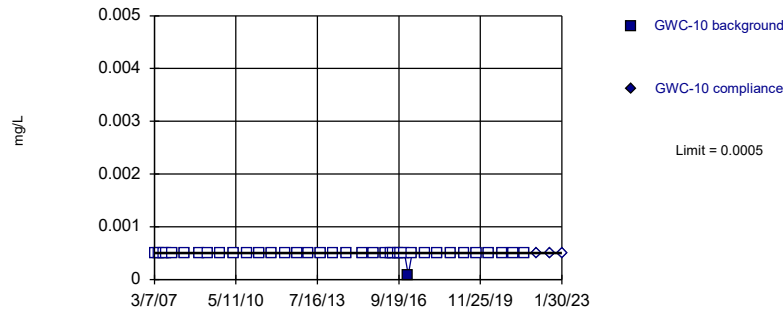


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

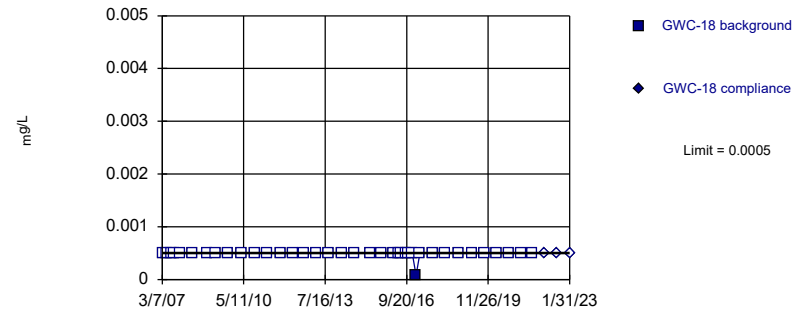


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

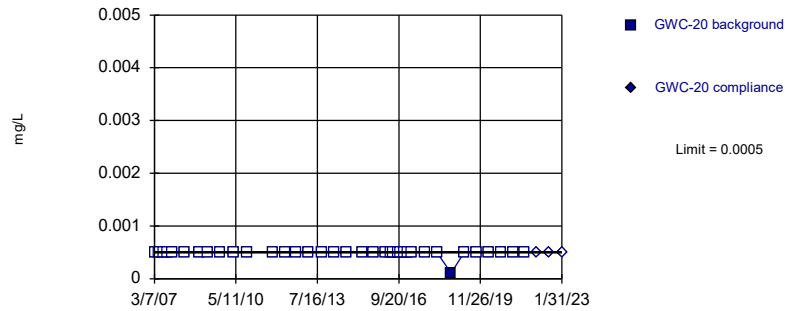


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

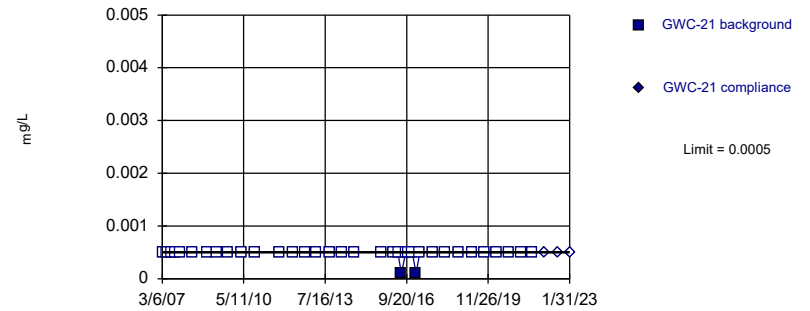


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

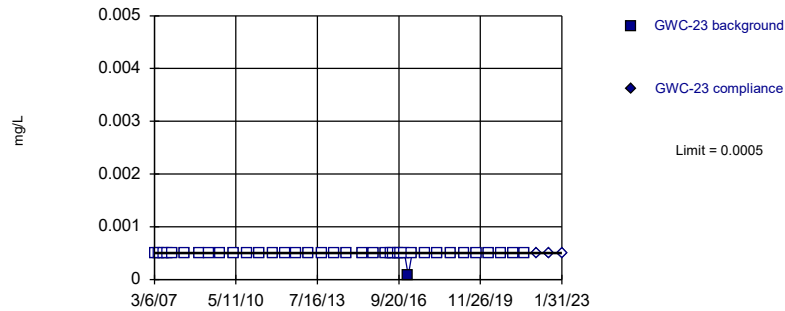


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

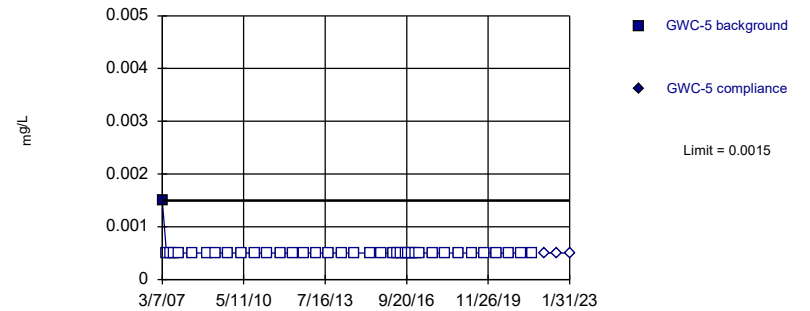


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

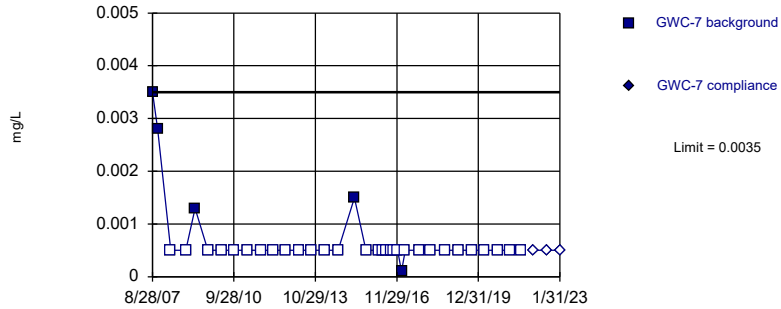


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

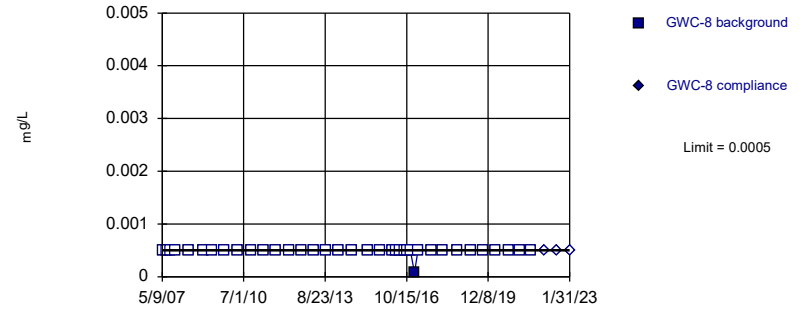


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

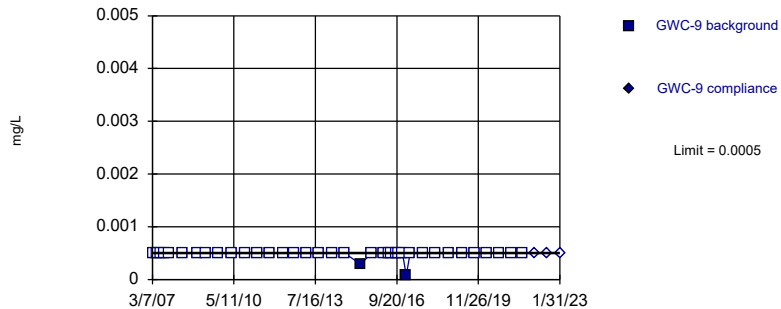


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

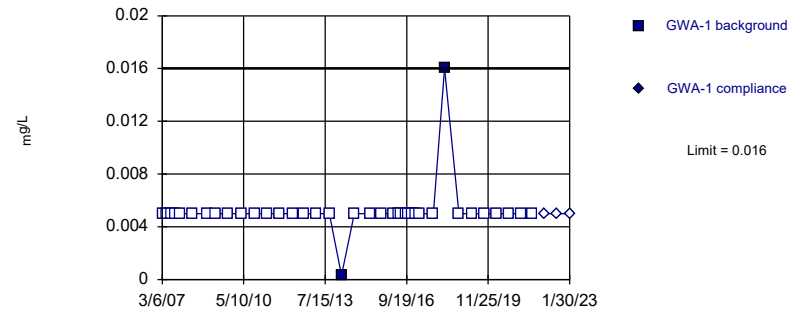


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cadmium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

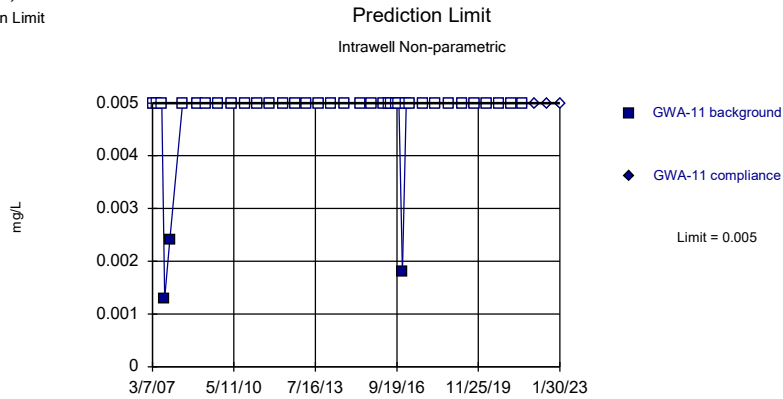
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

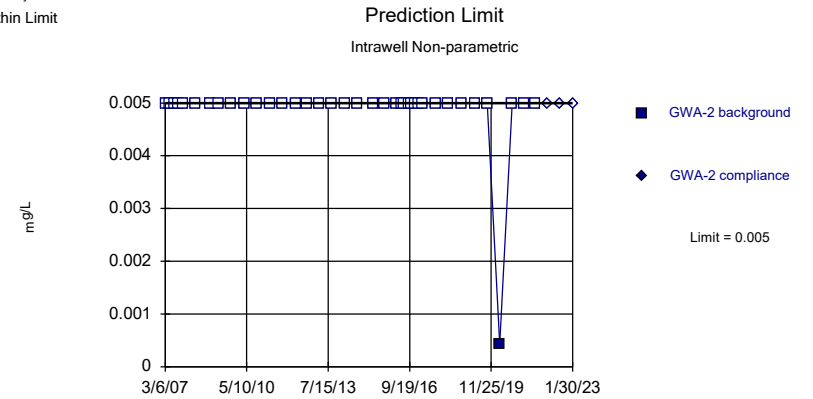
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

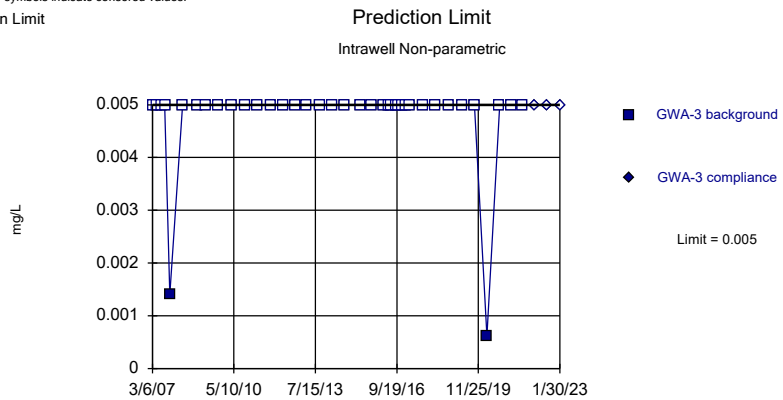
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

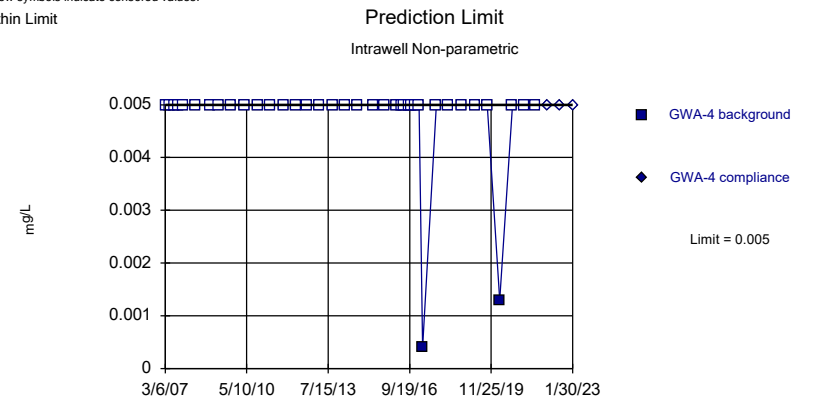
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

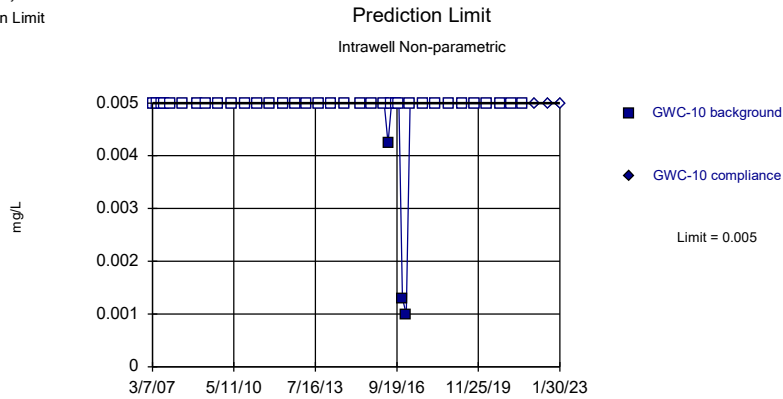
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

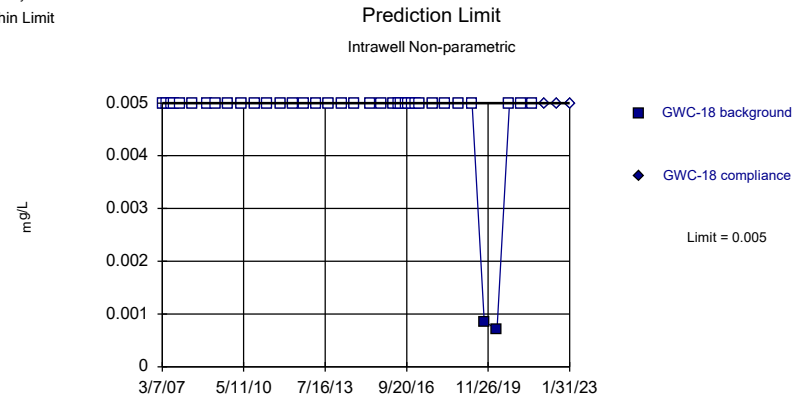
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

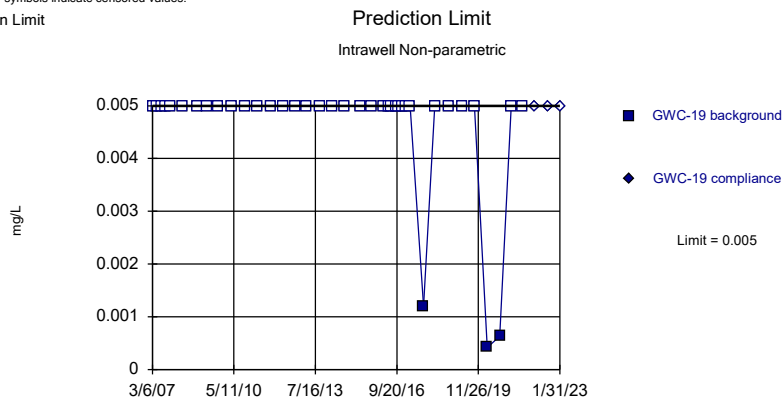
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

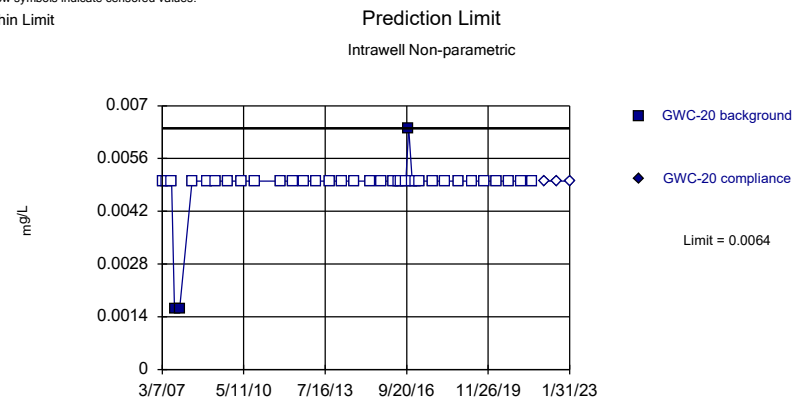
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

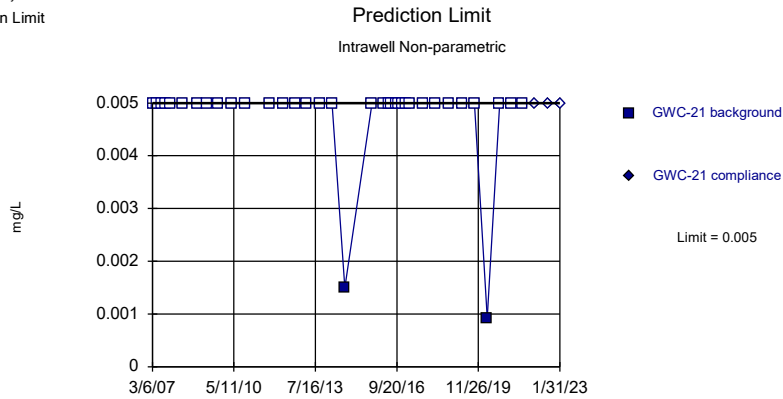
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

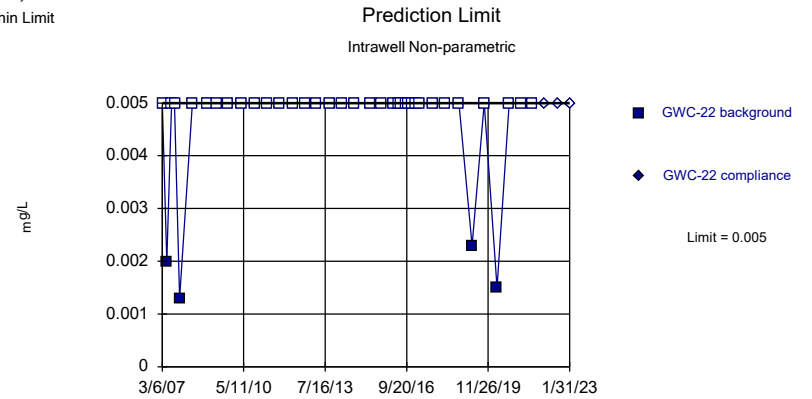
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

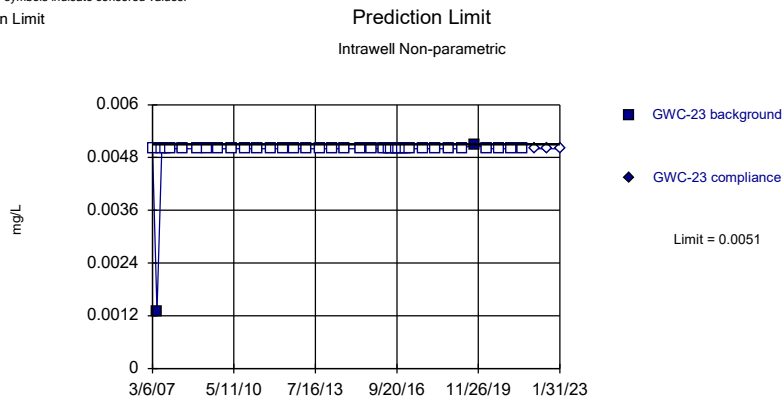
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

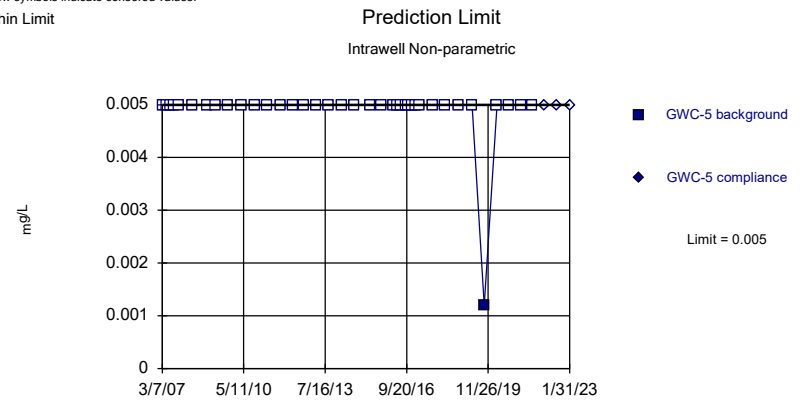
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

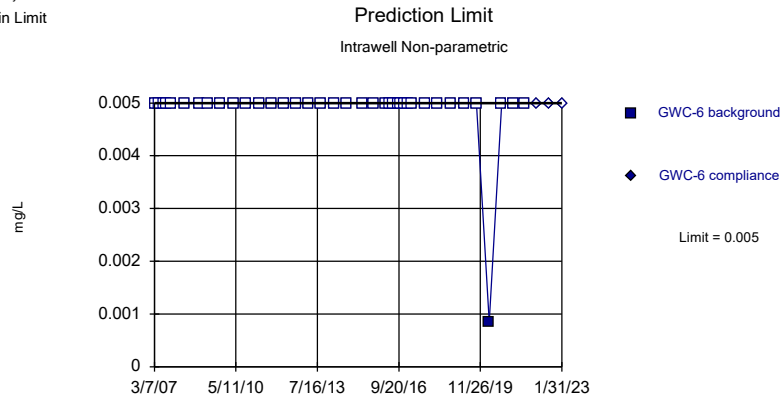
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

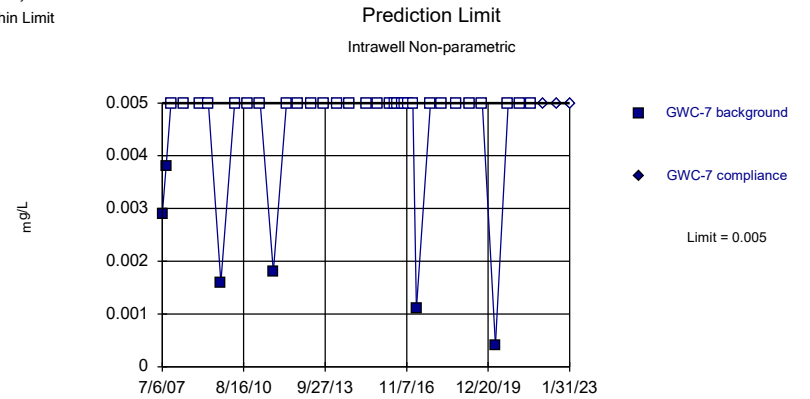
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

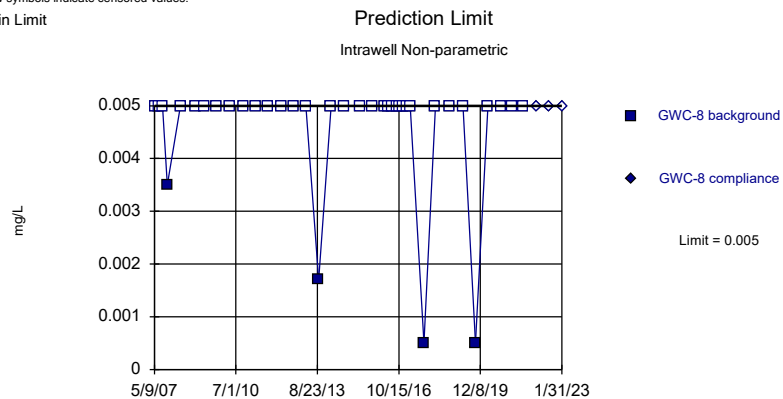
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

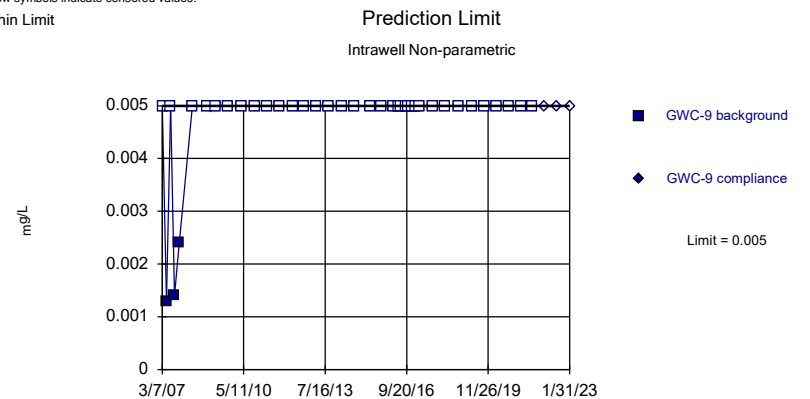
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

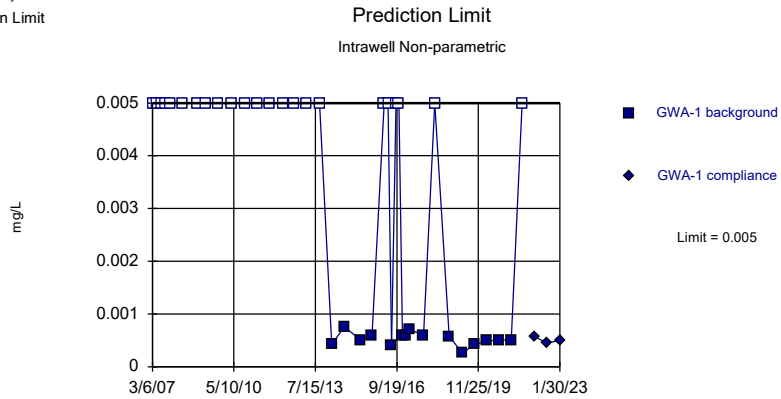
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

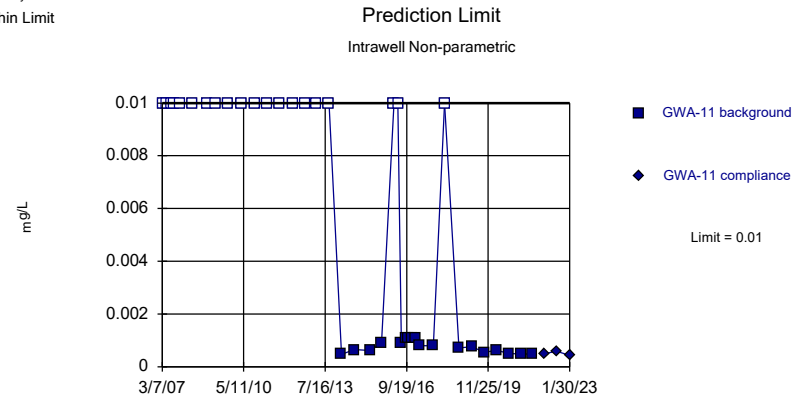
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 60.53% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

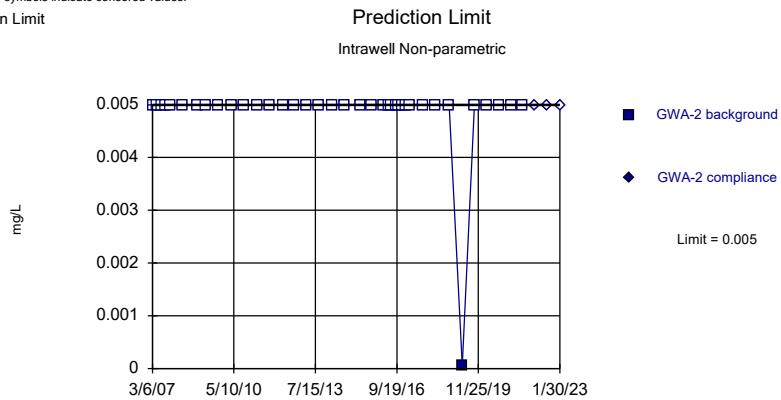
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 52.63% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

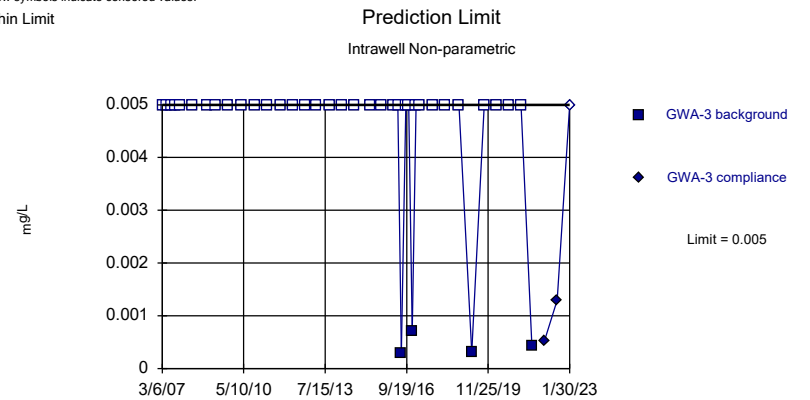
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:52 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

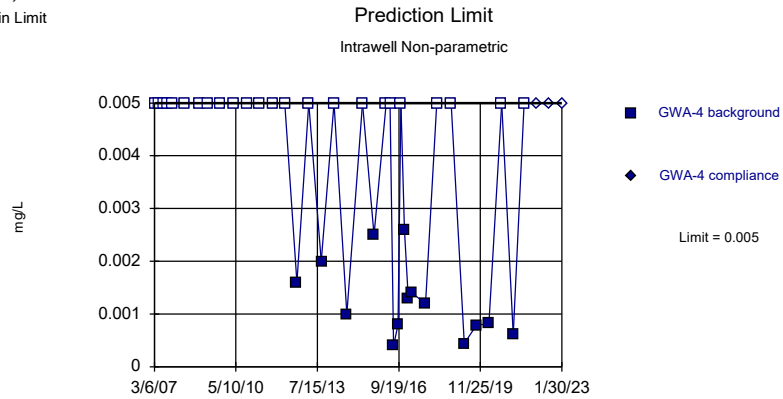
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

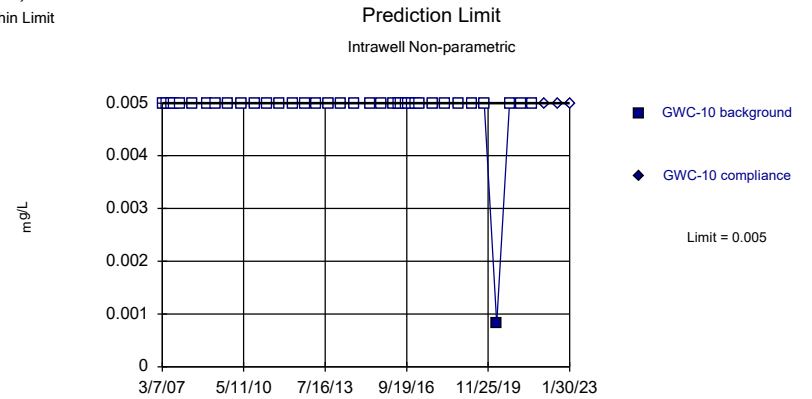
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 63.16% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

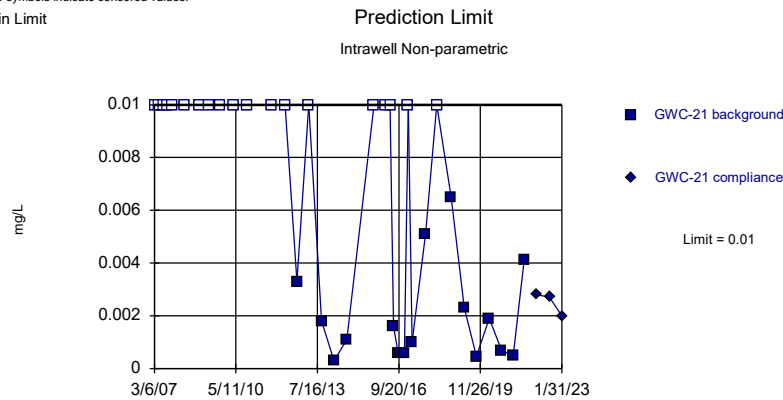
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

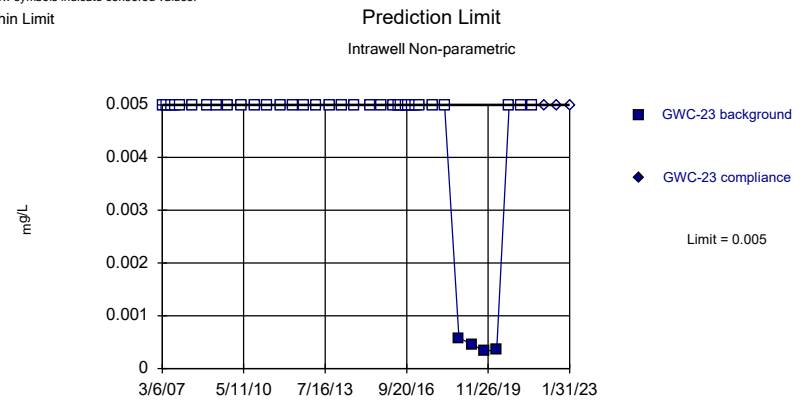
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 52.78% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

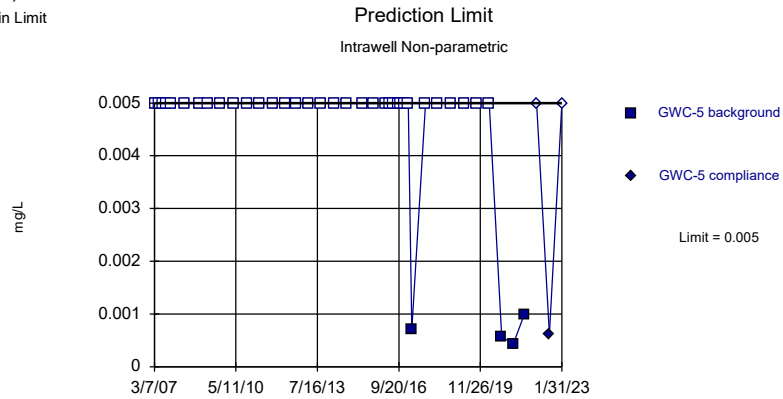
Santas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

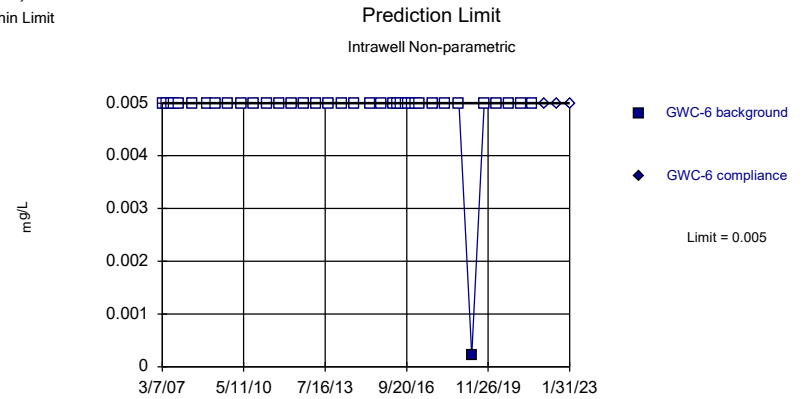
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 89.47% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

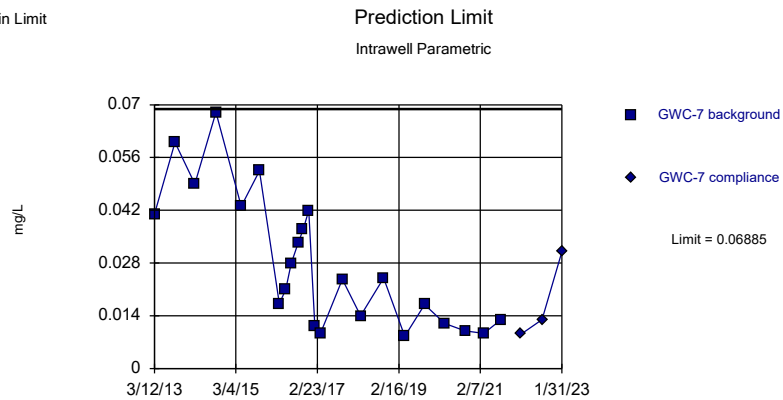
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

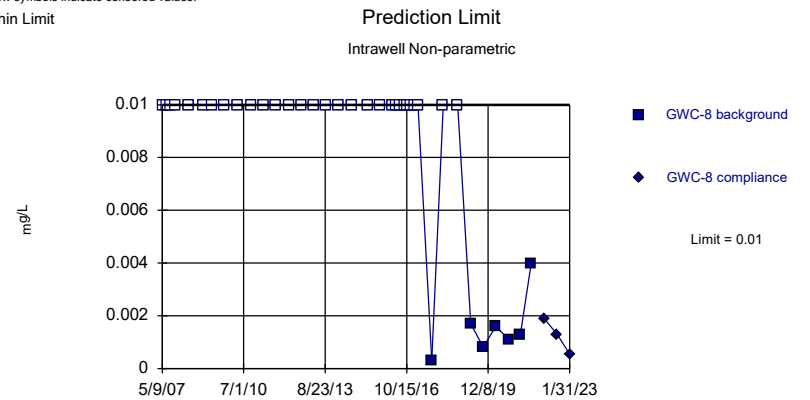
Sanitas™ v.9.6.37 . UG
Within Limit



Background Data Summary: Mean=0.028, Std. Dev.=0.01788, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.899, critical = 0.881. Kappa = 2.285 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

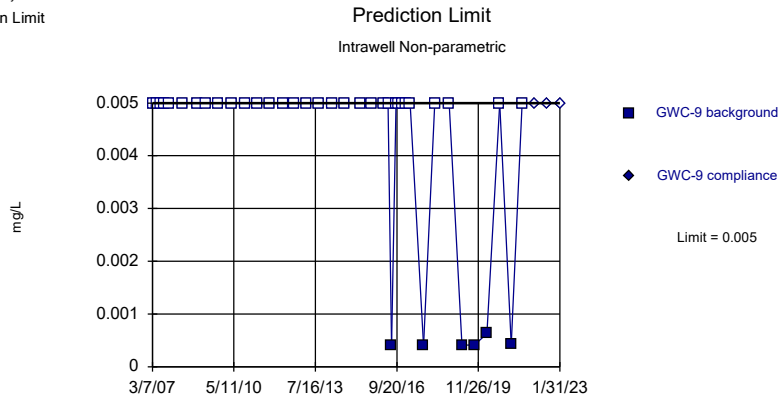
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

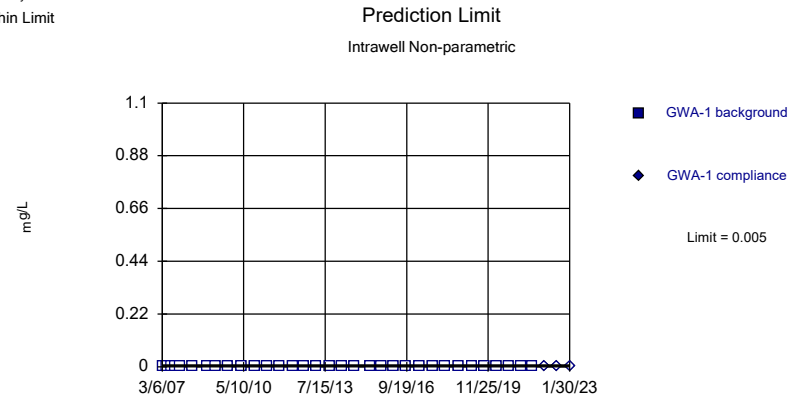
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

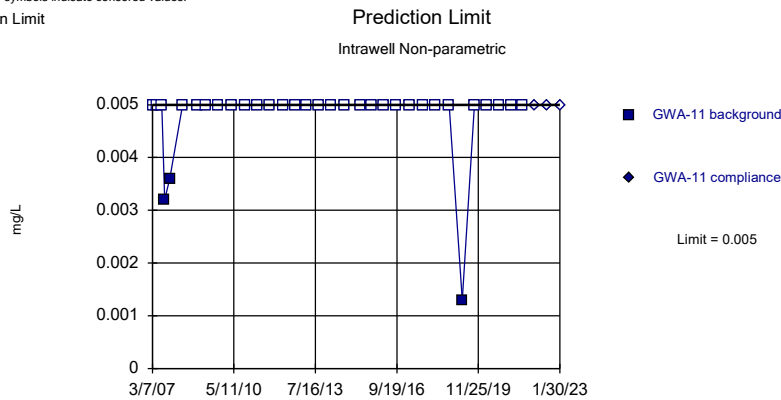
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

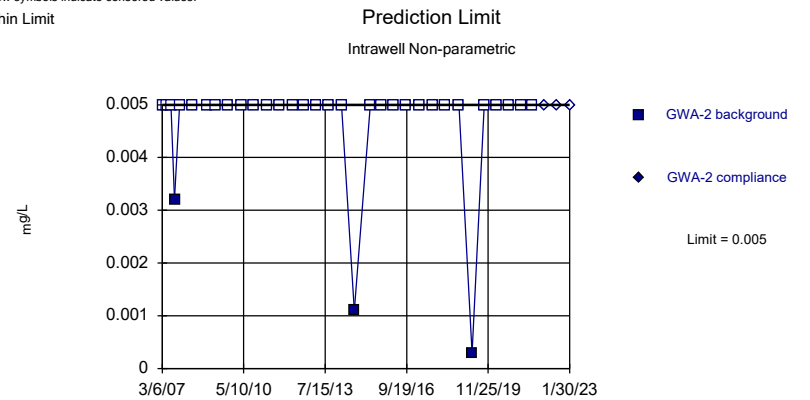
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

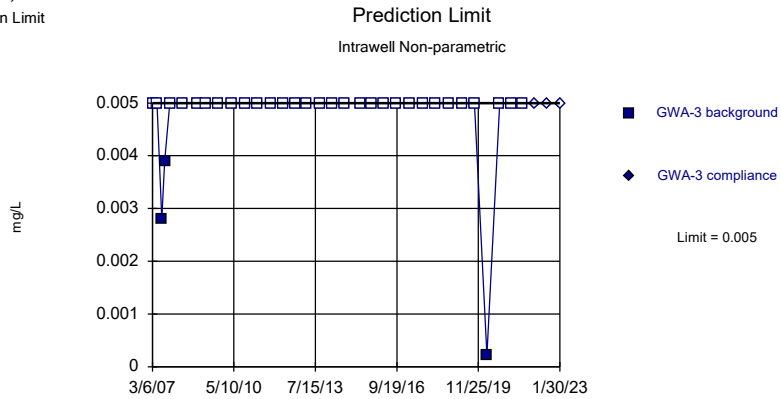
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

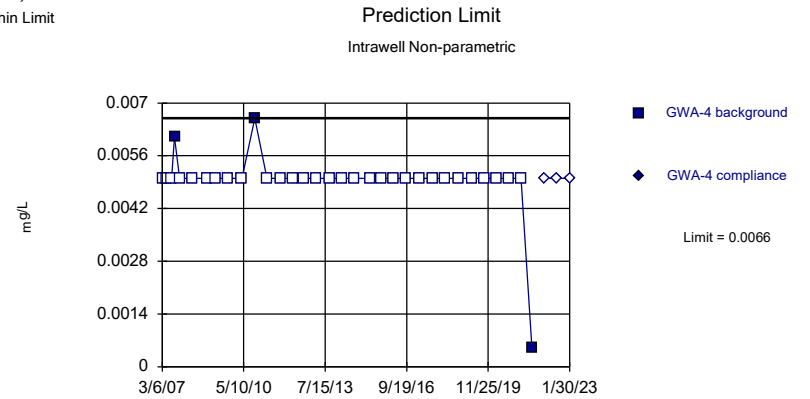
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

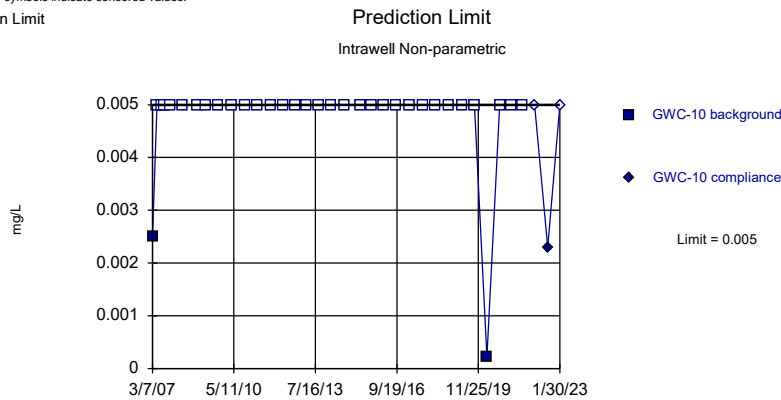
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

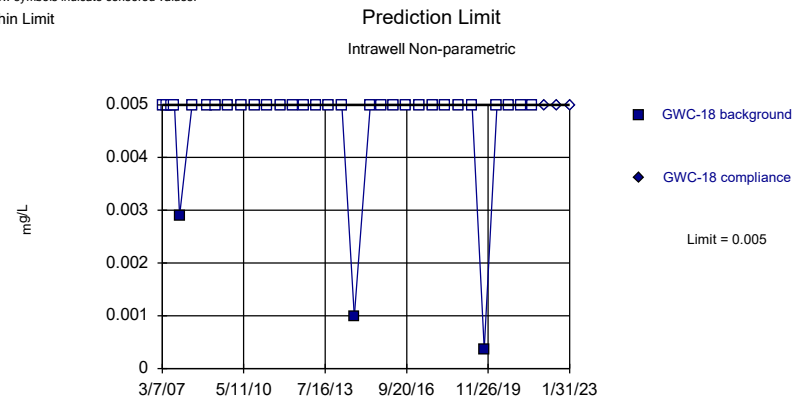
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

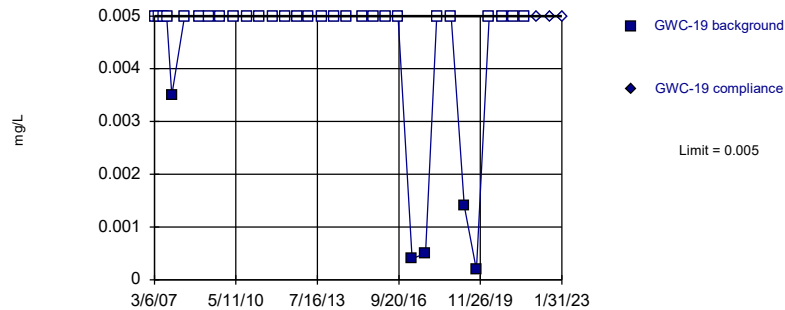


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

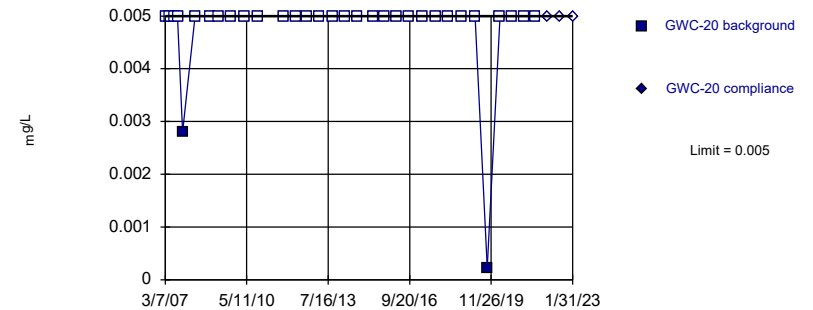


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

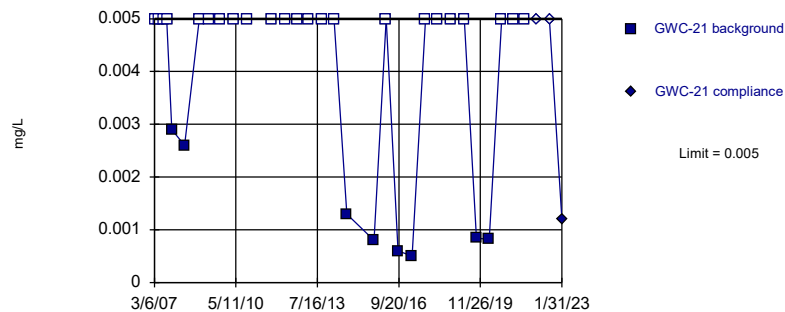


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

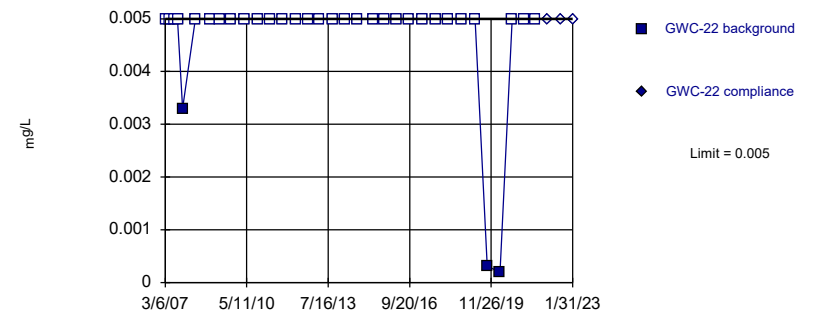


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

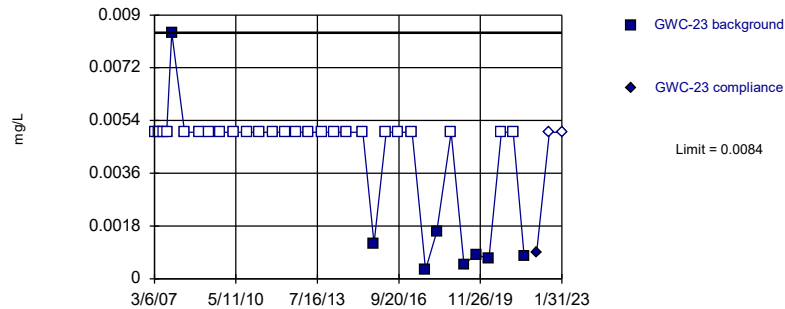


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

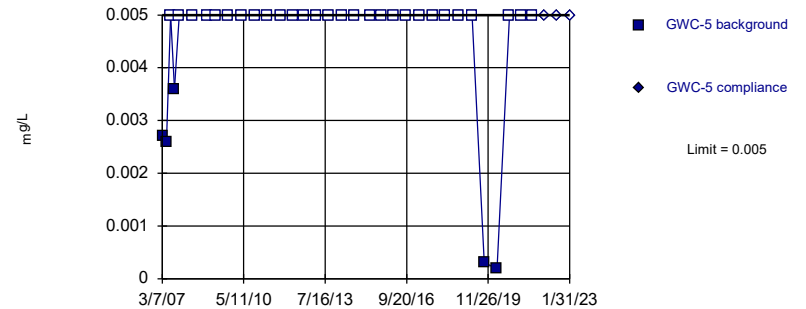


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

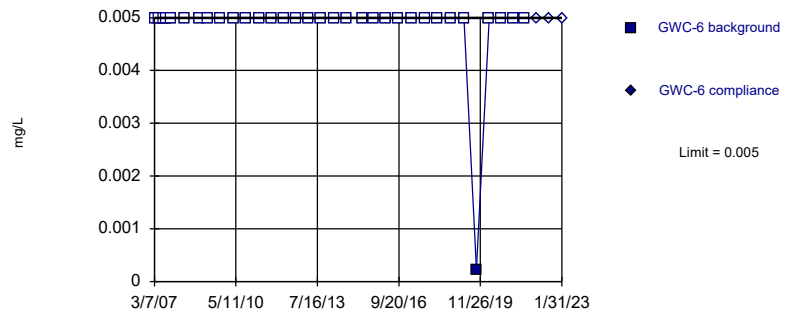


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 84.85% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

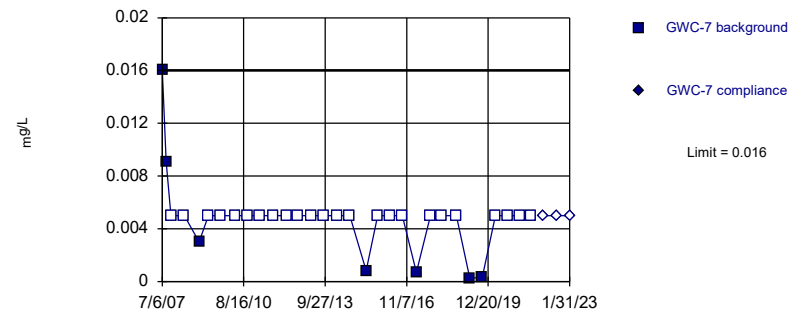


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



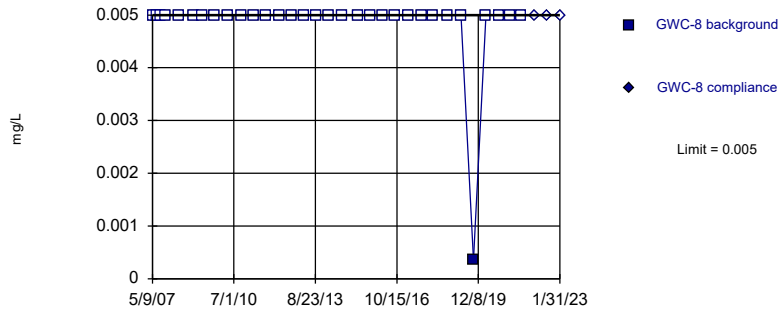
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



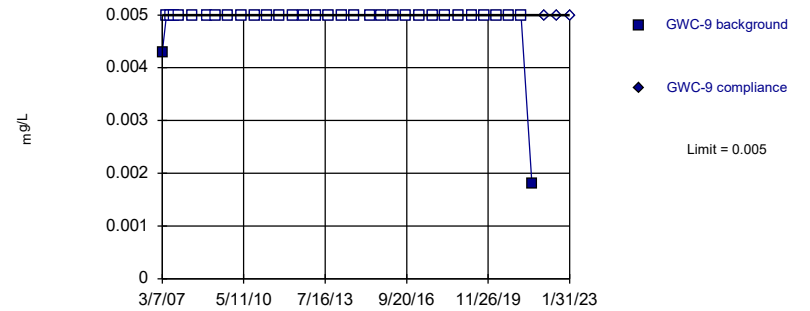
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



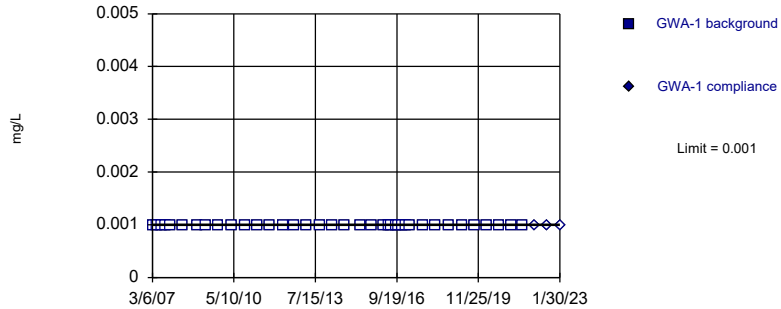
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



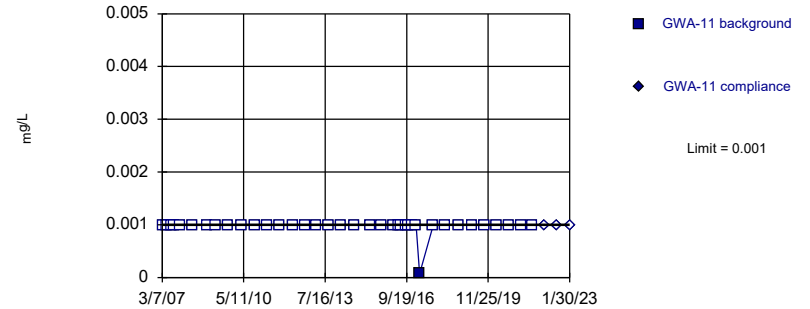
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

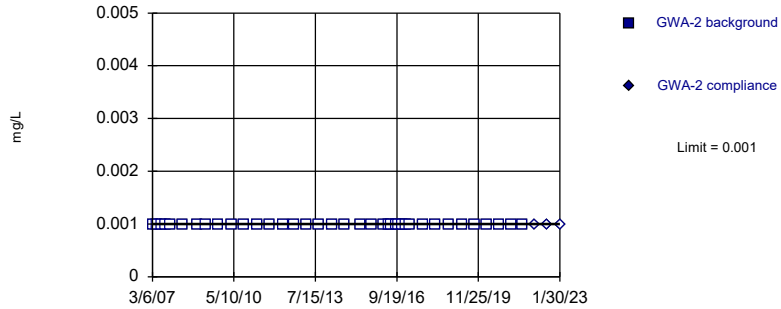


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

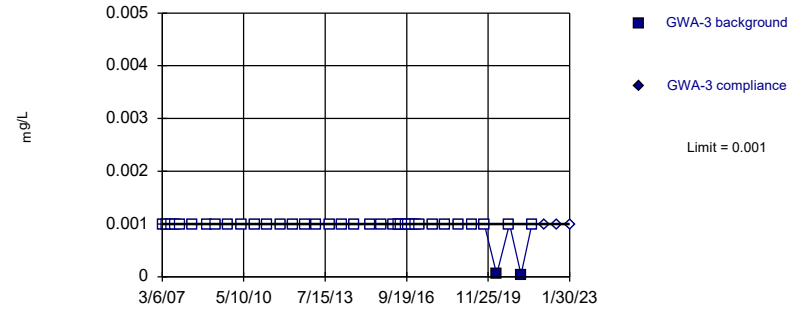


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

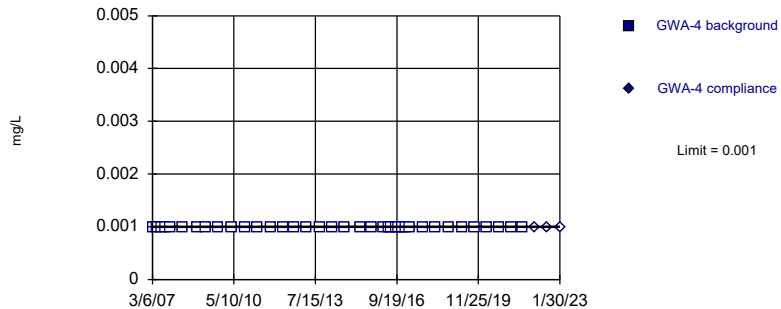


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

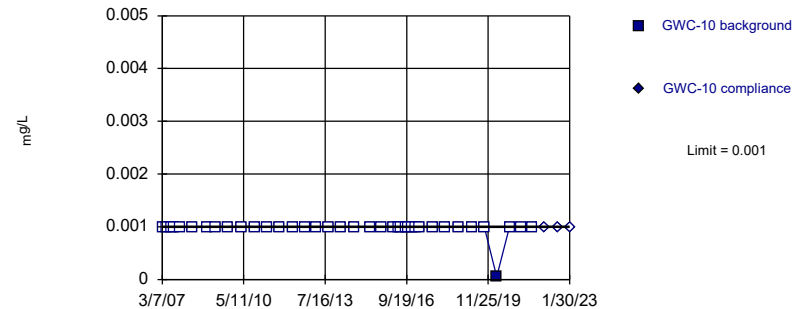


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

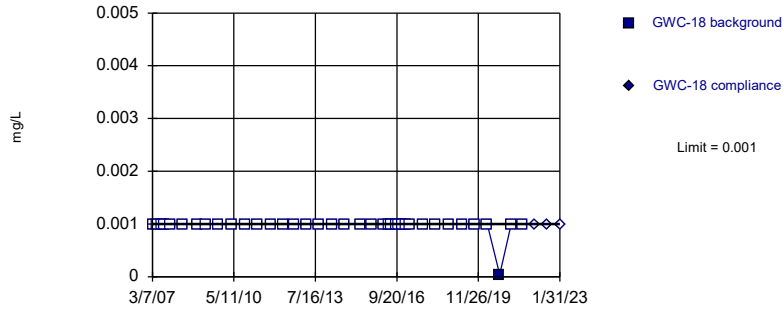


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

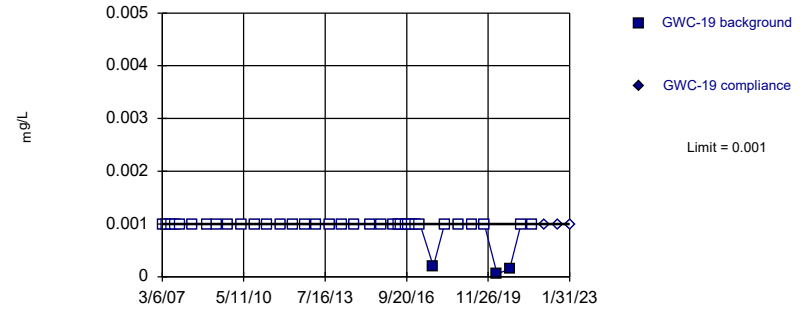


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

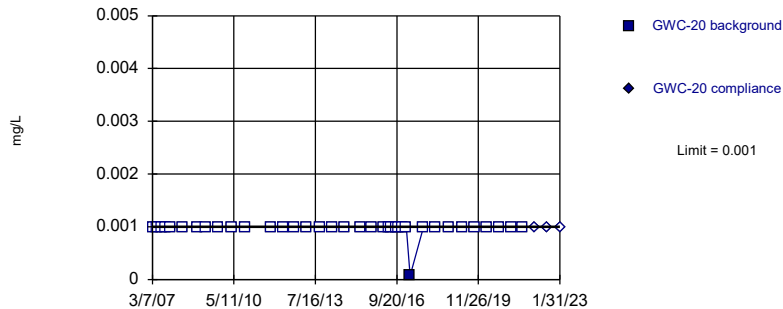


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 92.11% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

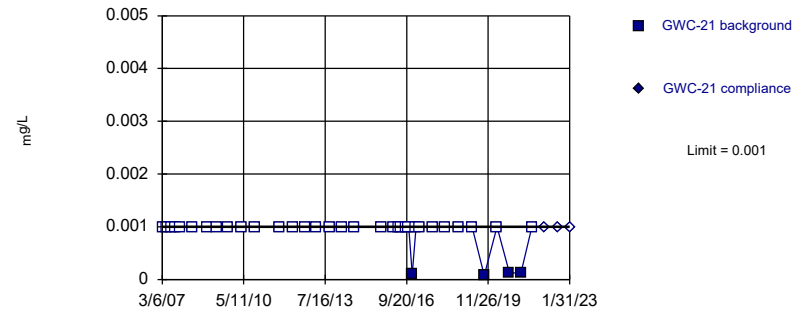


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



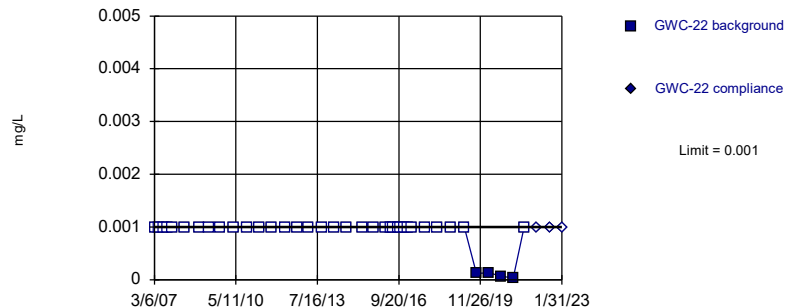
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



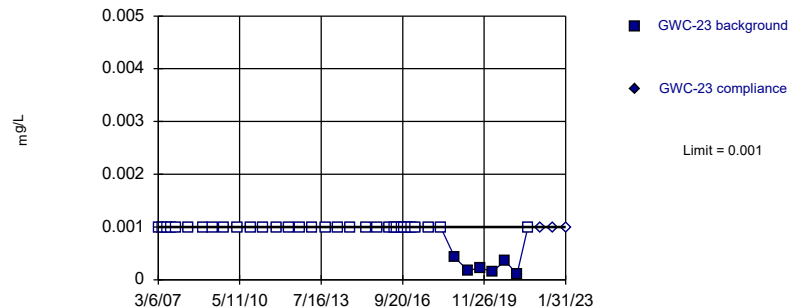
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Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



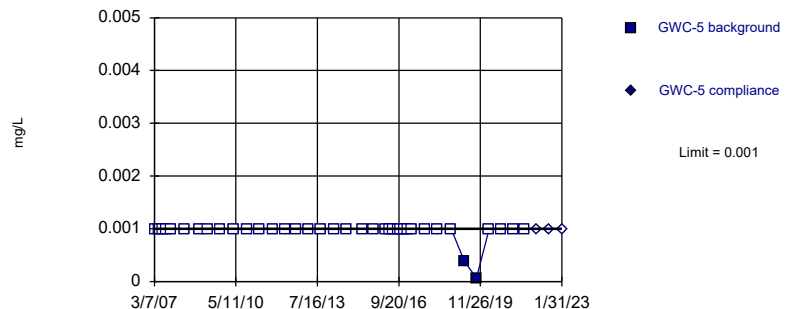
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 84.21% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



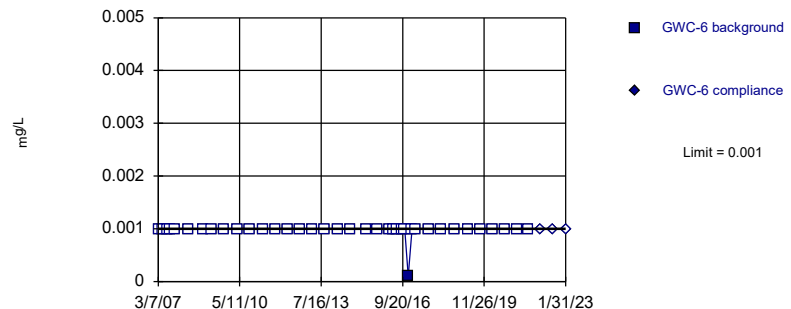
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

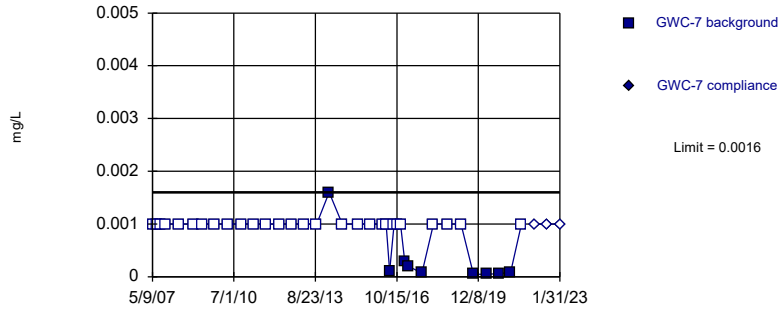


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

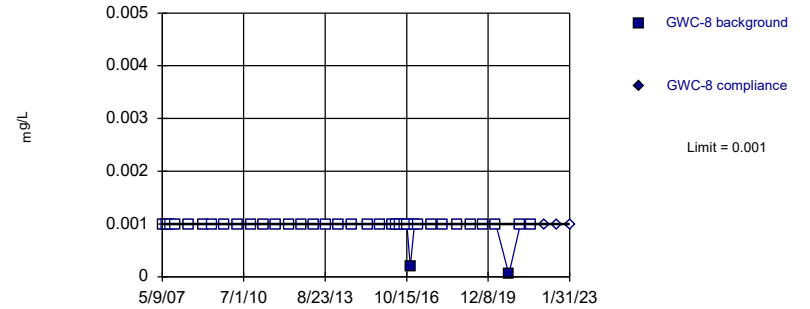


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

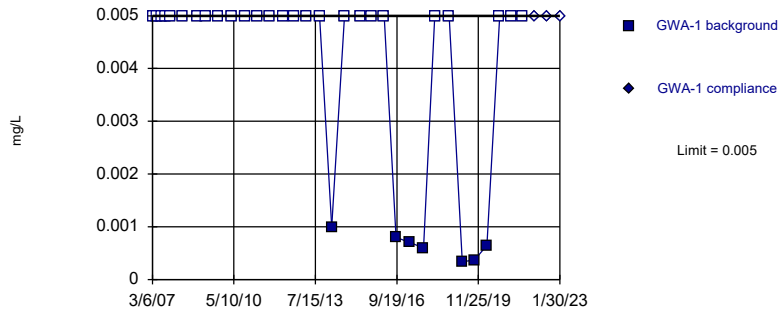


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Lead Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

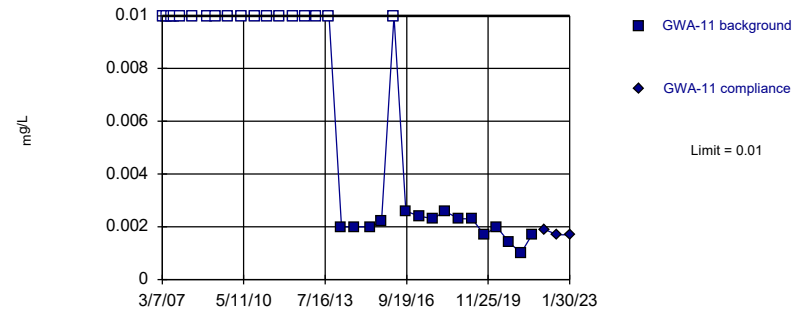


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:53 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

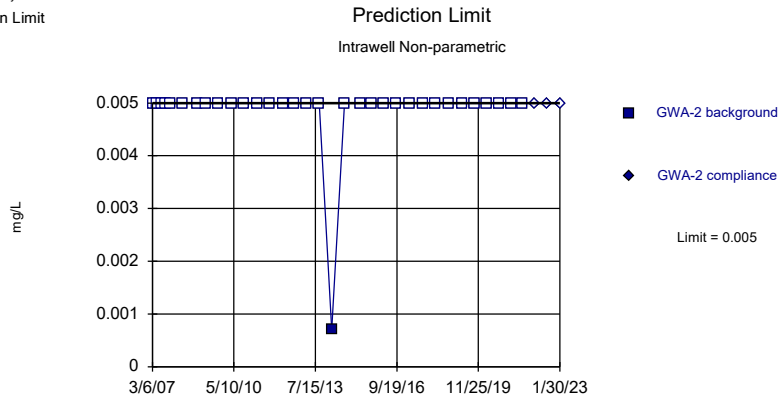
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

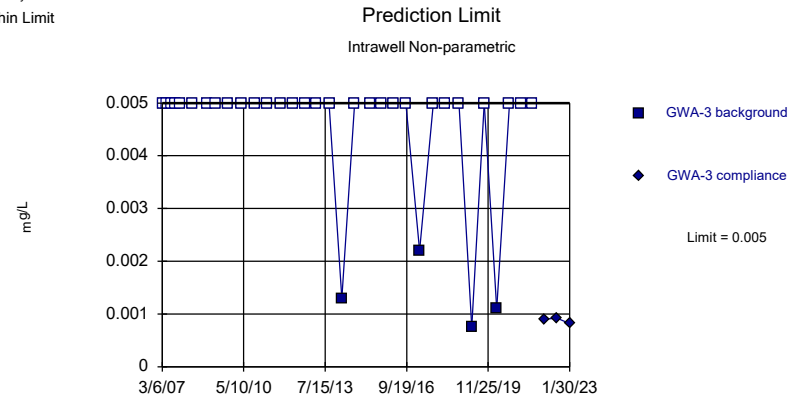
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

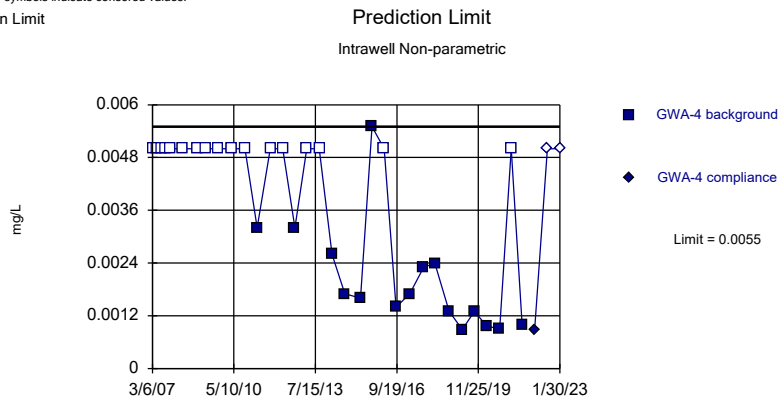
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 87.88% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

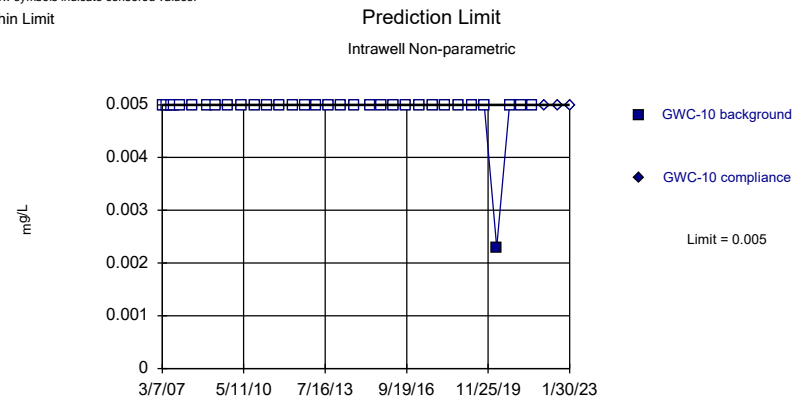
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 51.52% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

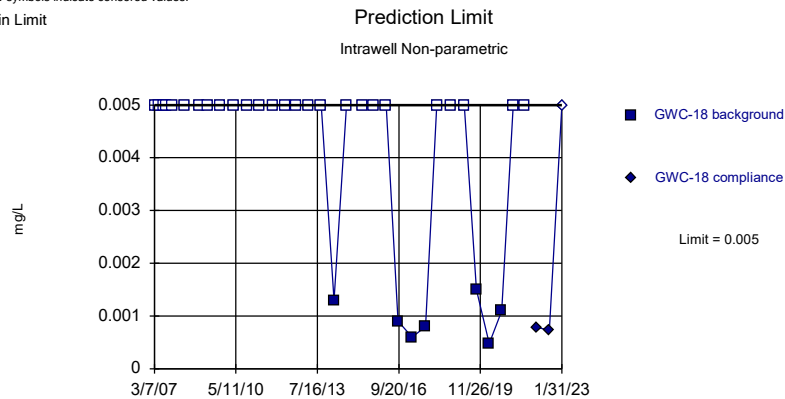
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

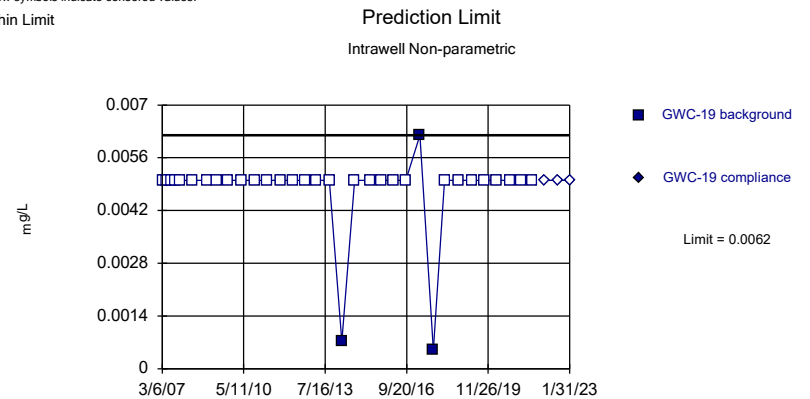
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

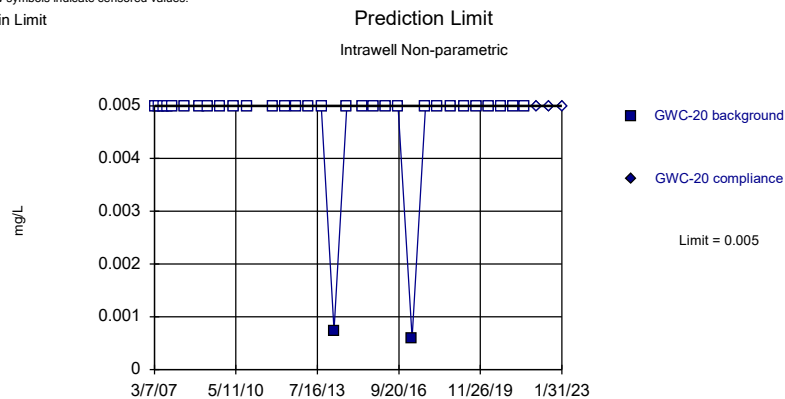
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

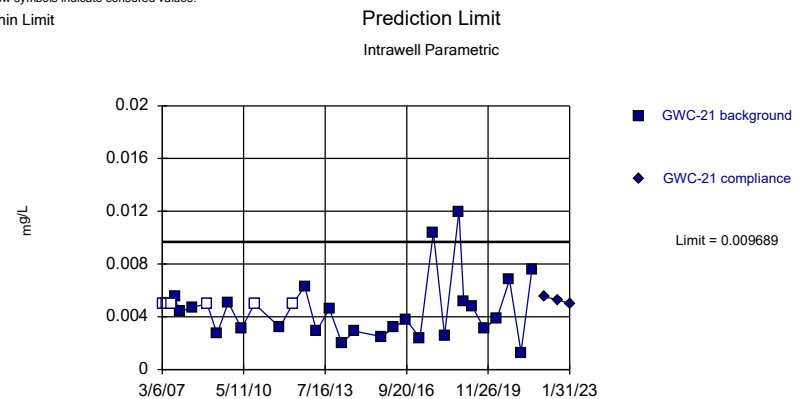
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

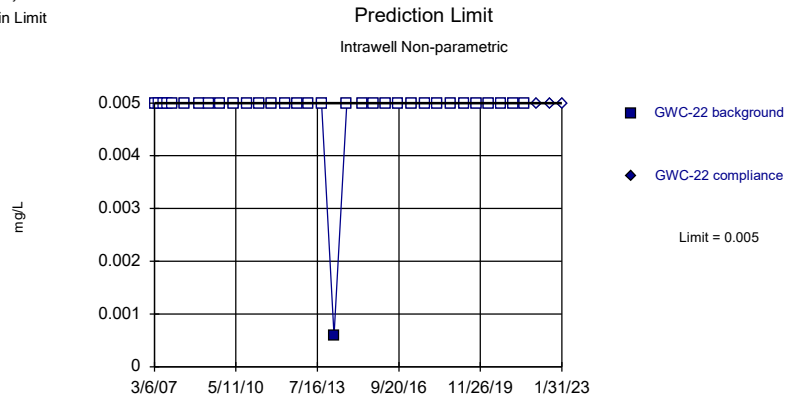
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.06271, Std. Dev.=0.0164, n=32, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9385, critical = 0.904. Kappa = 2.178 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

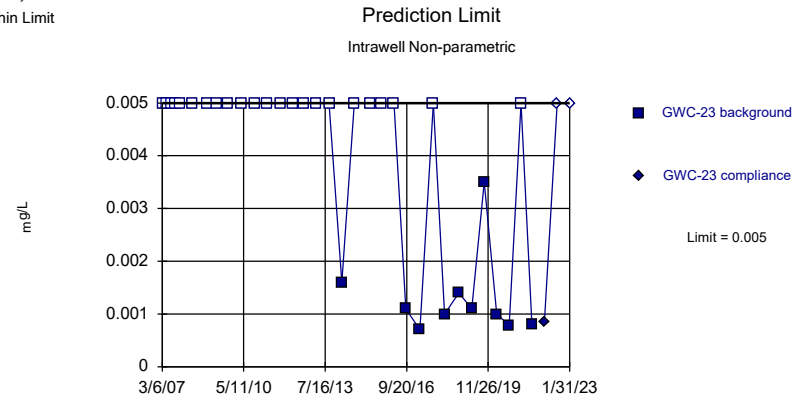
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

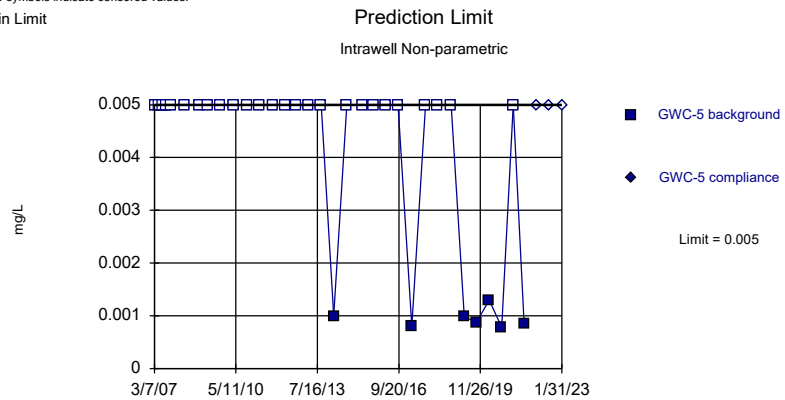
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

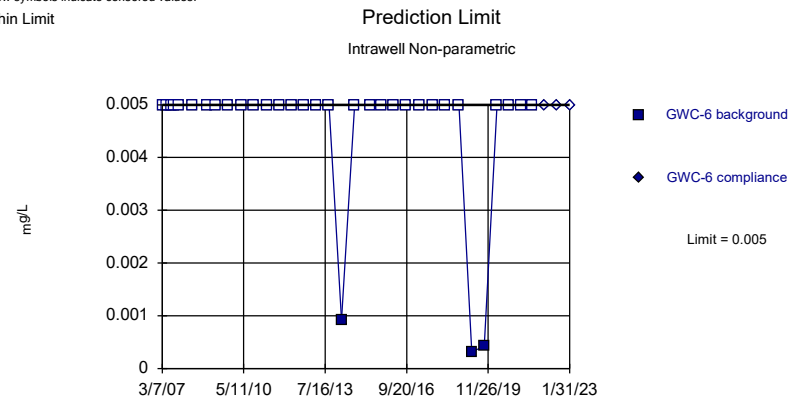
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

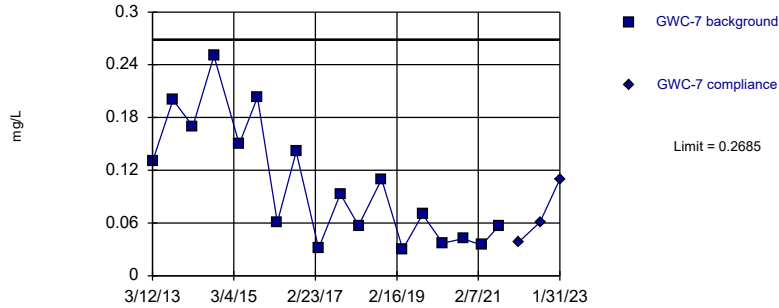


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 90.91% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



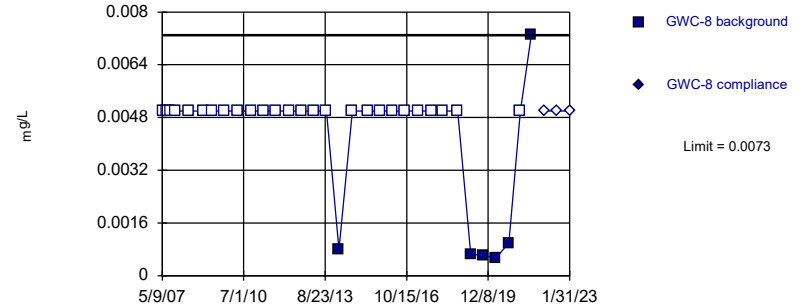
Background Data Summary: Mean=0.1037, Std. Dev.=0.06873, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.898, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



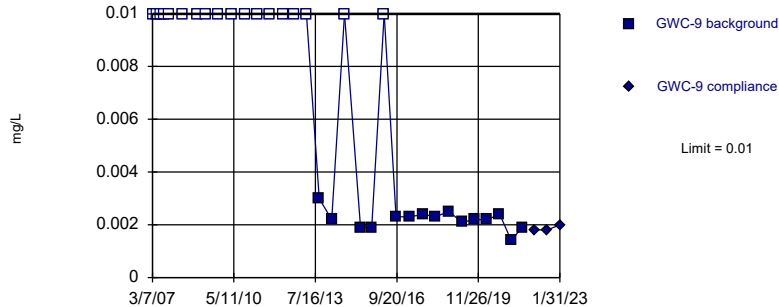
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



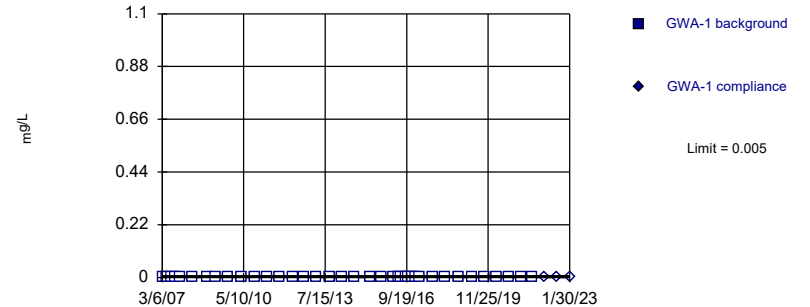
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Nickel Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

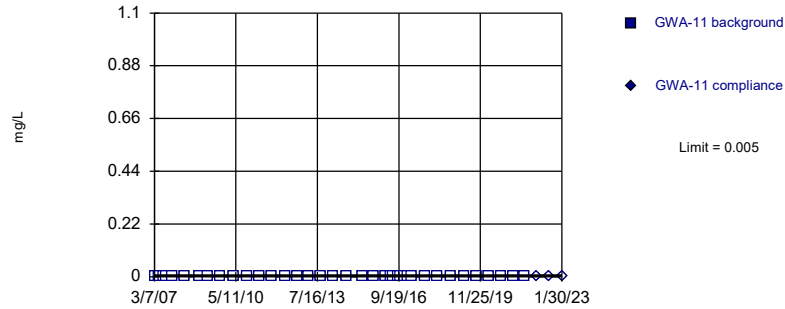


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

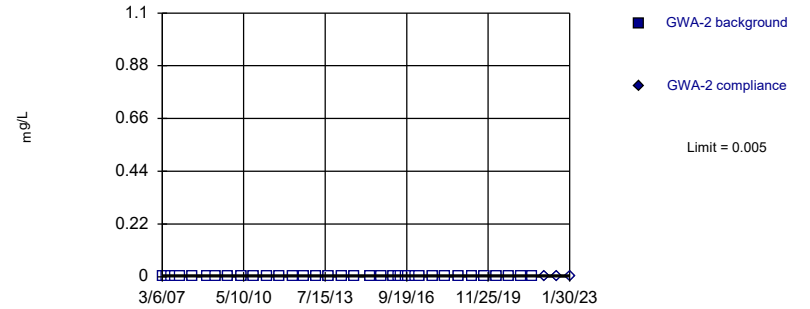


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

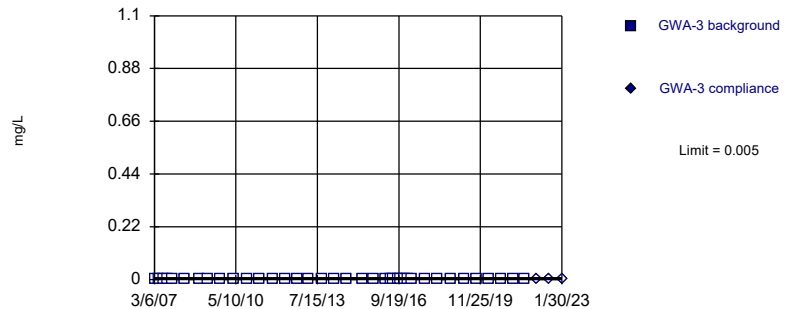


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

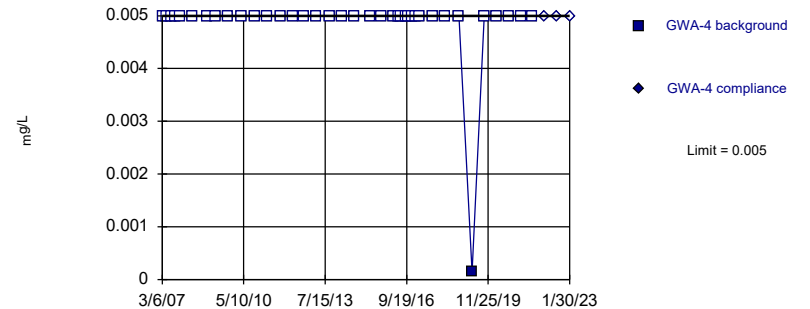


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 38) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

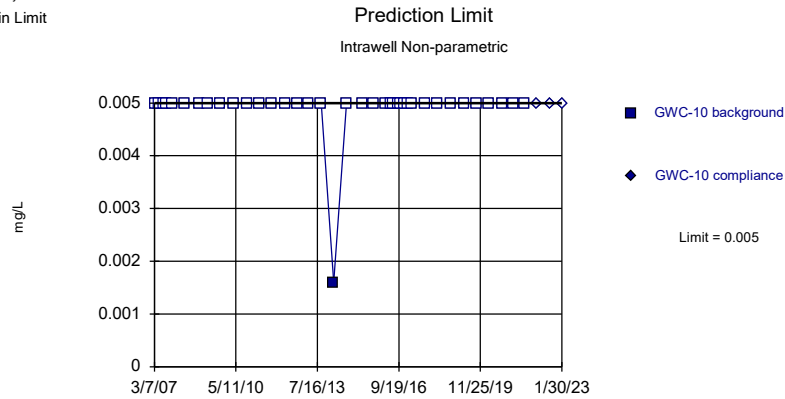
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

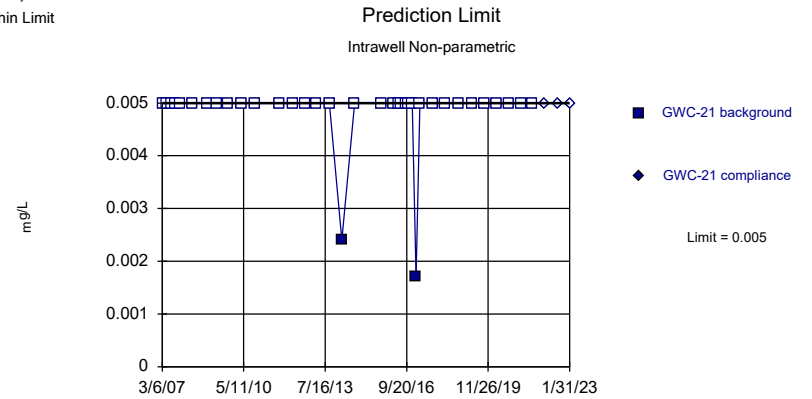
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

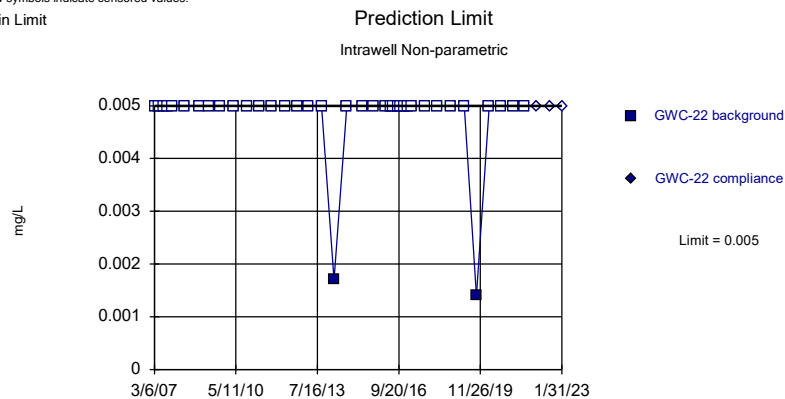
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

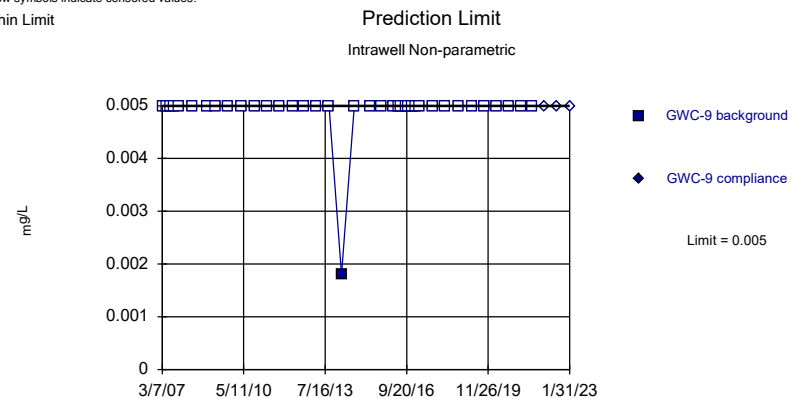
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

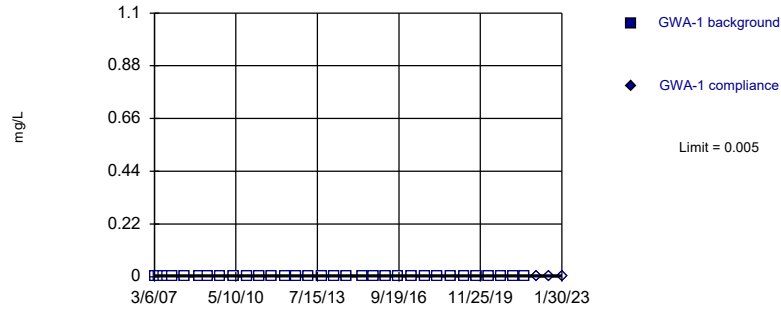


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Selenium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

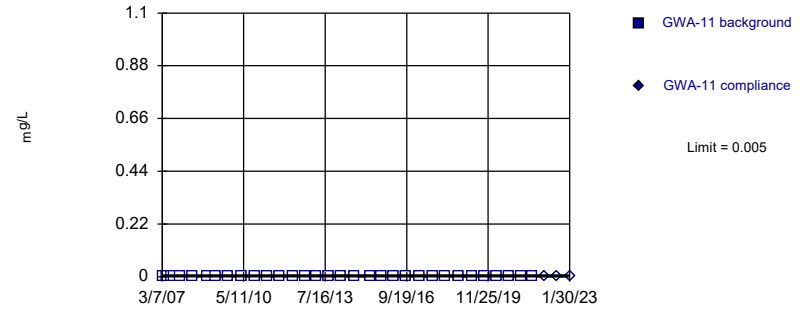


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

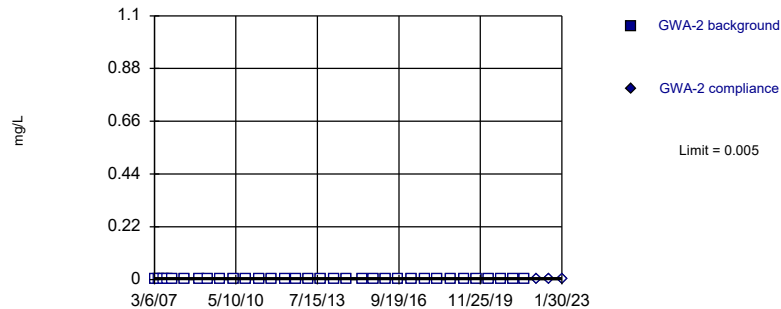


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

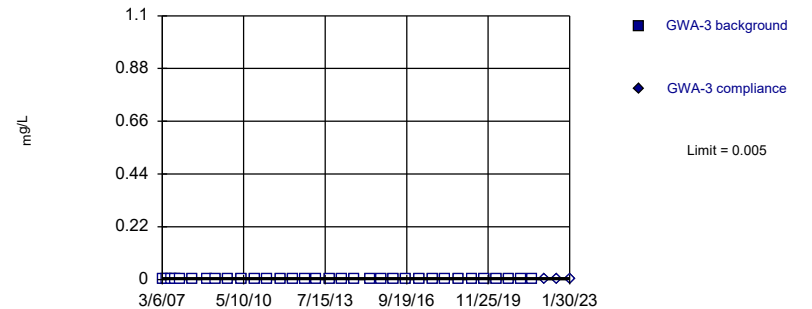


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

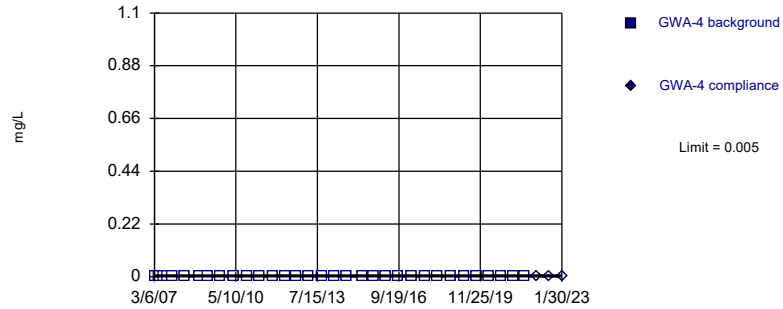


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

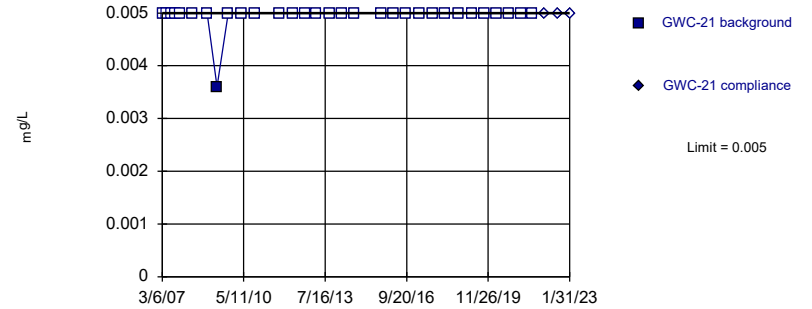


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

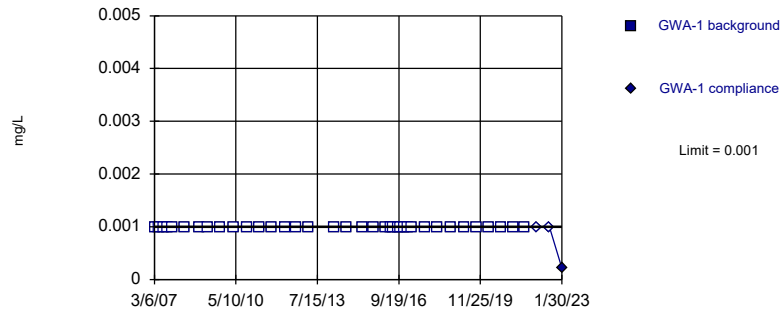


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Silver Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

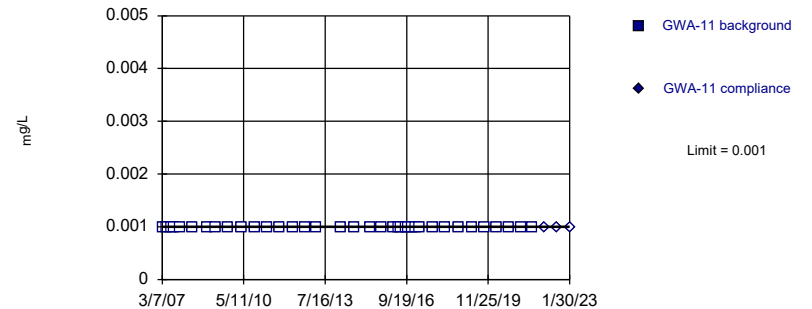


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

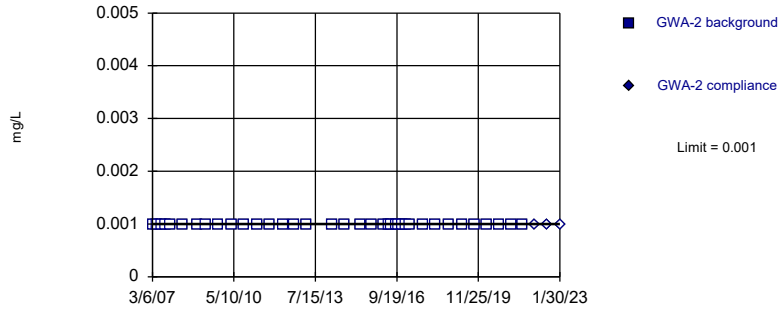


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

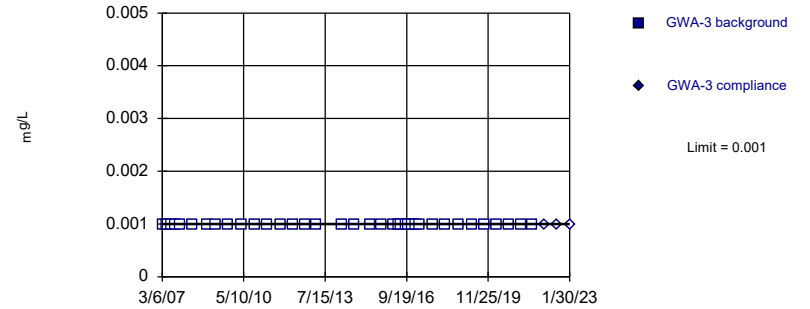


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

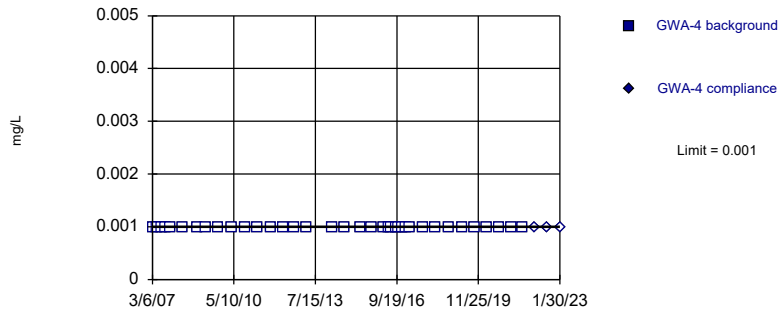


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

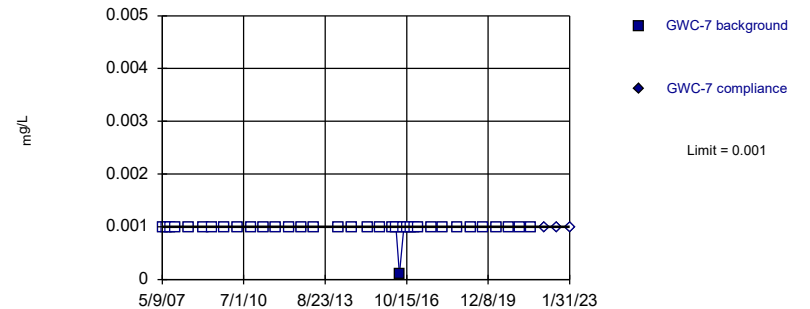


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

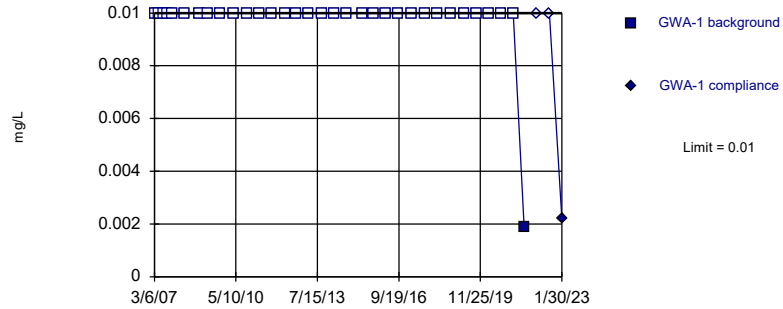


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

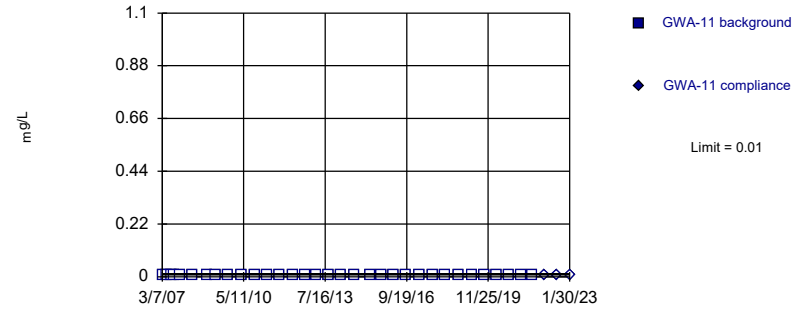


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

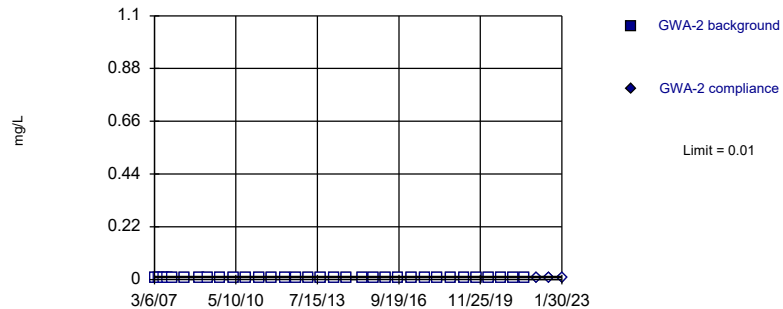


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

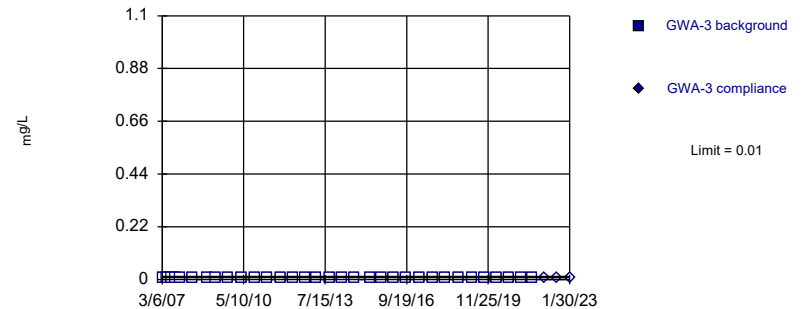


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

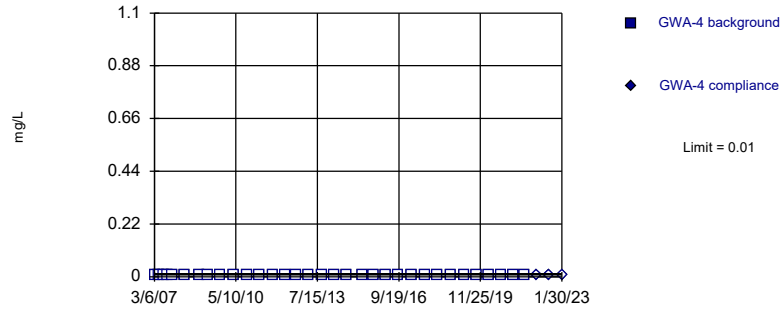


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

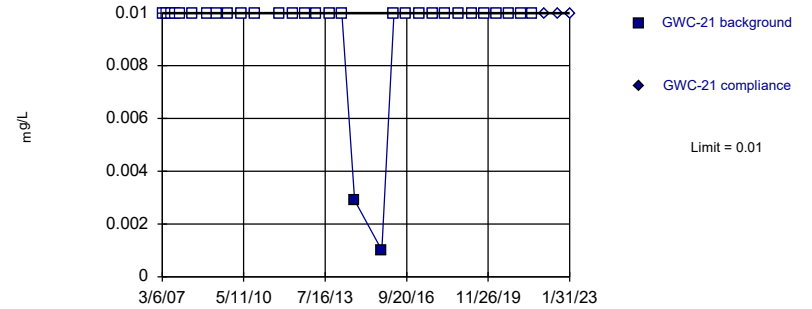


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 33) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

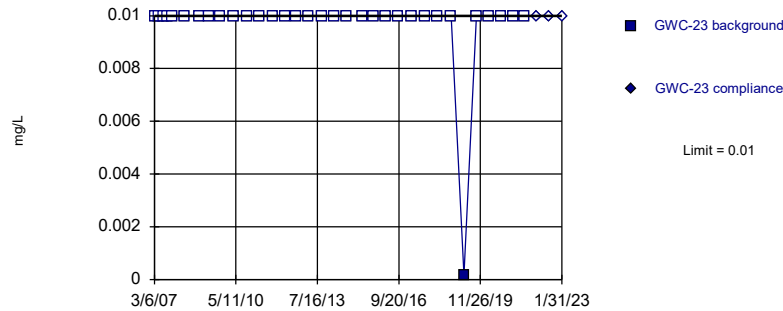


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

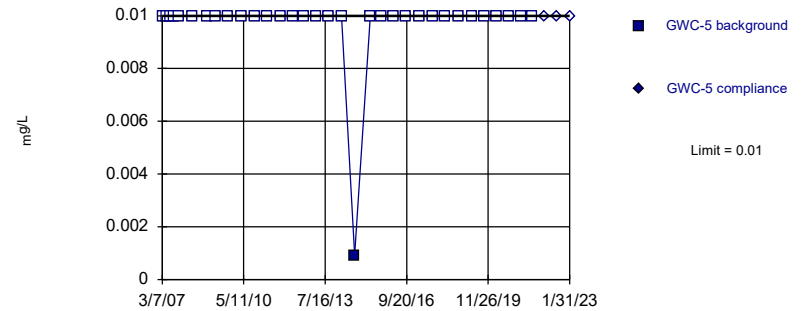


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:54 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

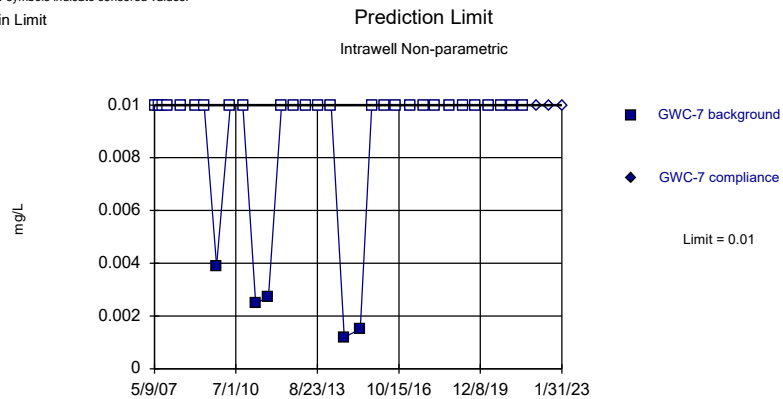
Prediction Limit Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

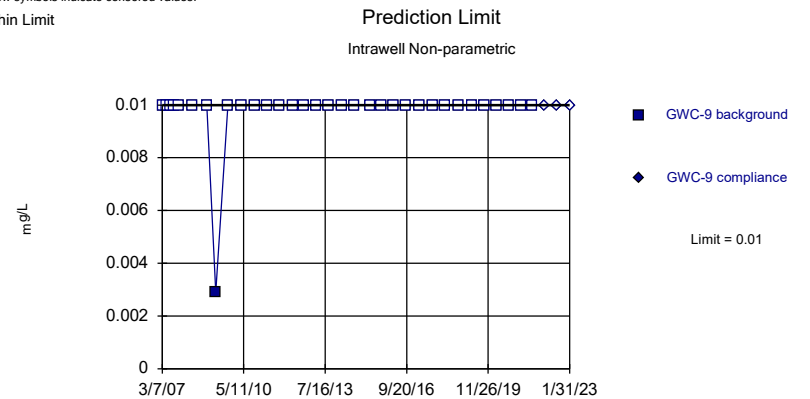
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

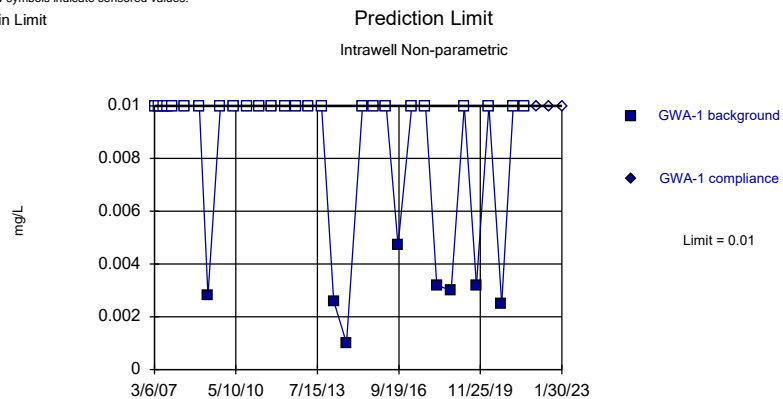
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

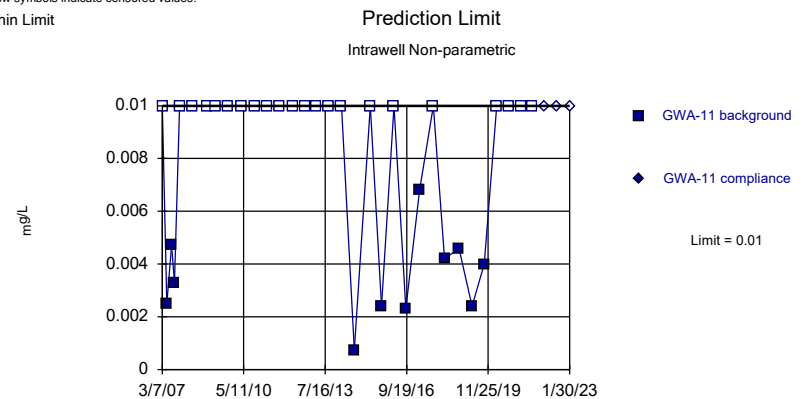
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 75.76% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

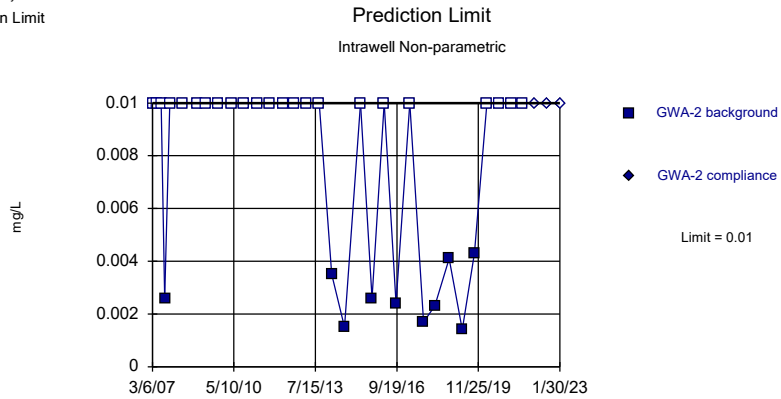
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

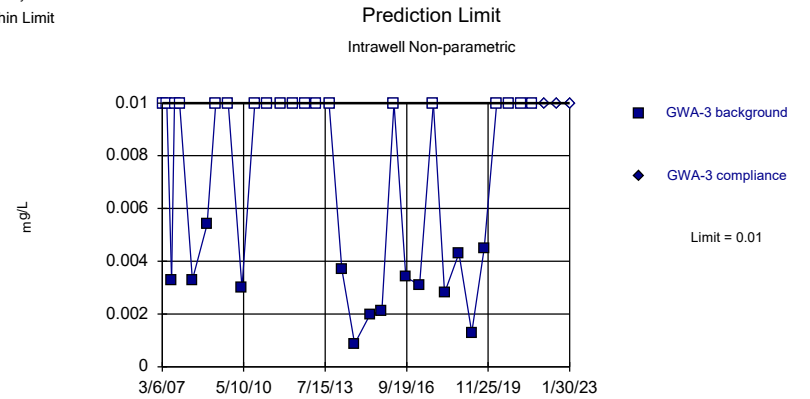
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

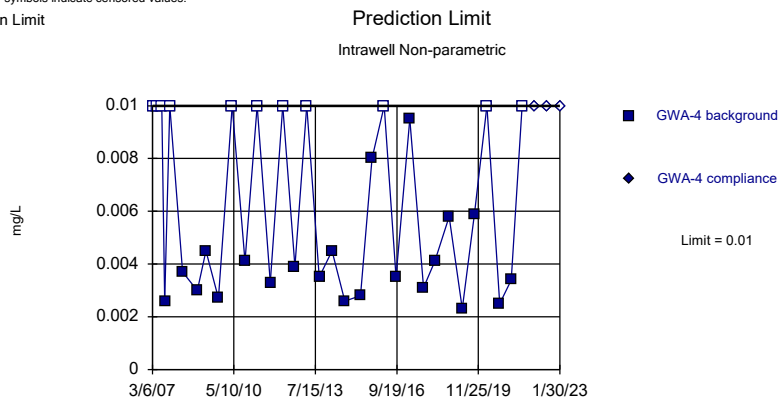
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 57.58% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

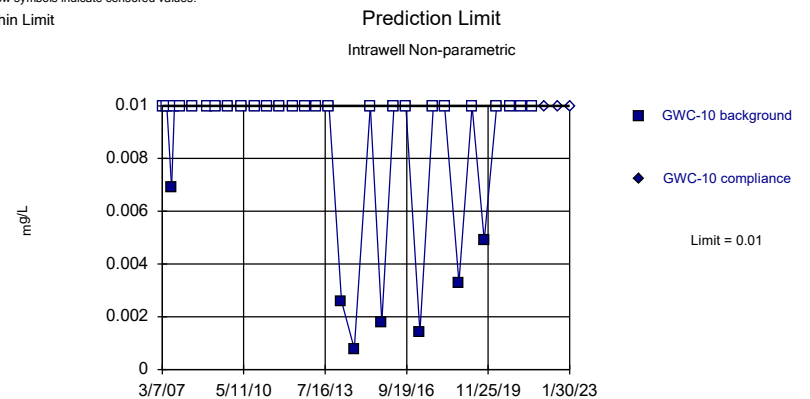
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

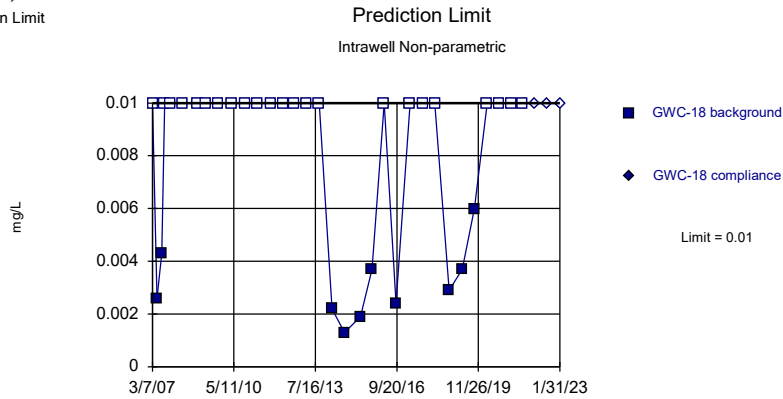
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

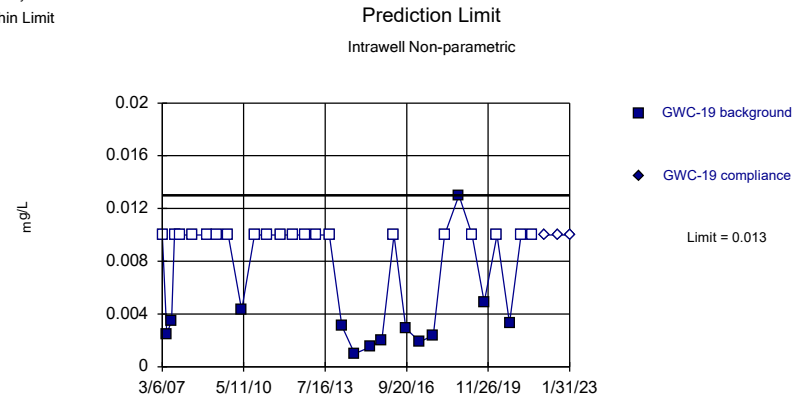
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 69.7% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

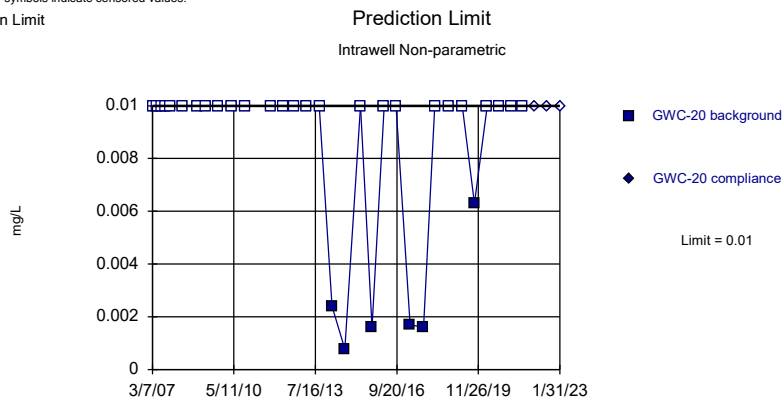
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 60.61% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

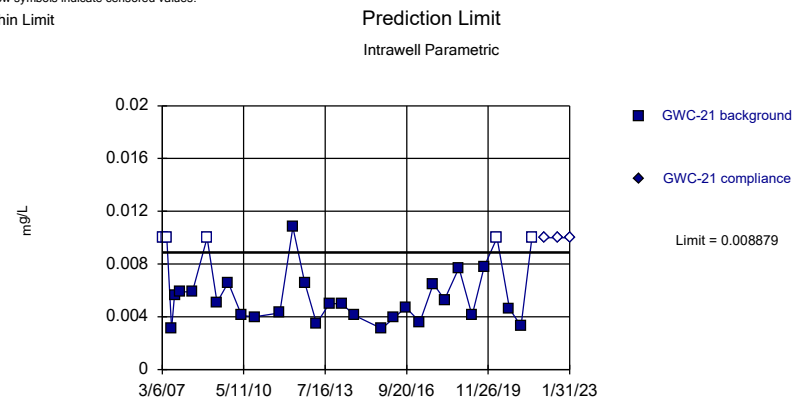
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

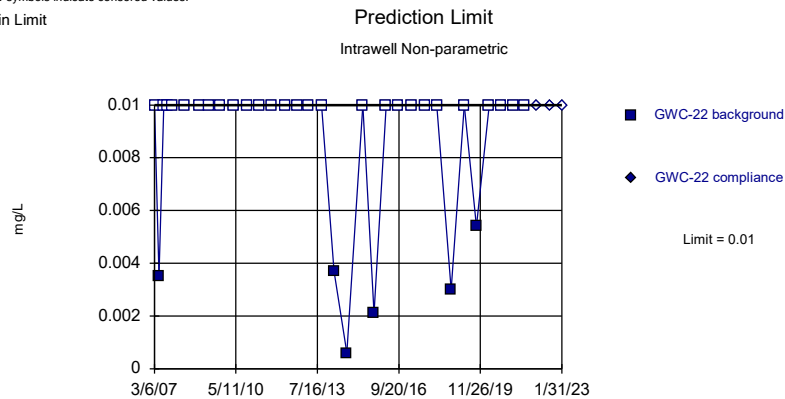
Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1676, Std. Dev.=0.01806, n=31, 16.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9081, critical = 0.902. Kappa = 2.187 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

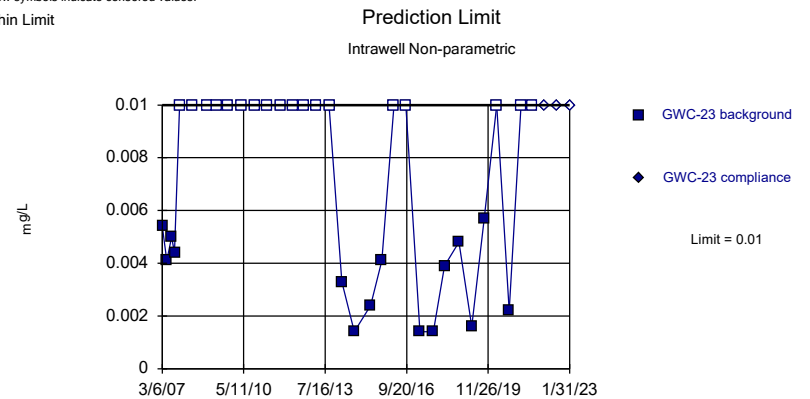
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

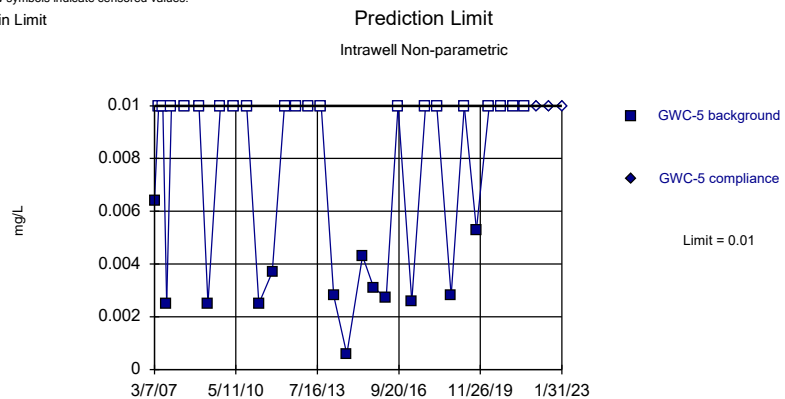
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

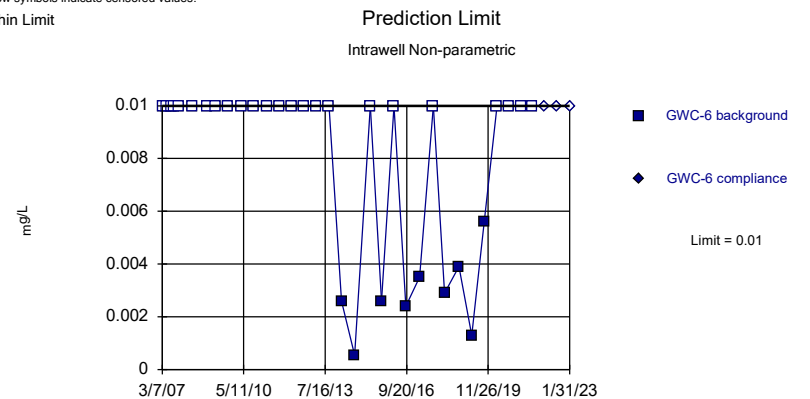
Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 60.61% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

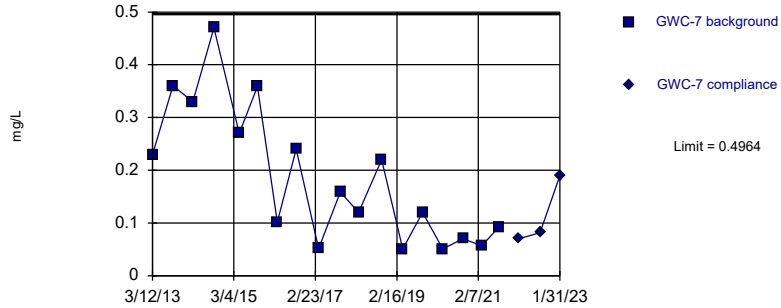


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



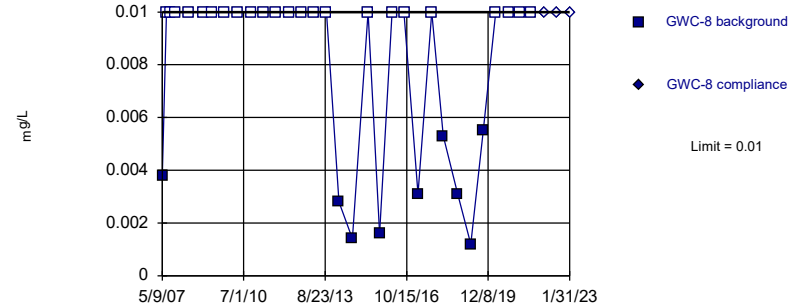
Background Data Summary: Mean=0.1863, Std. Dev.=0.1294, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8956, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



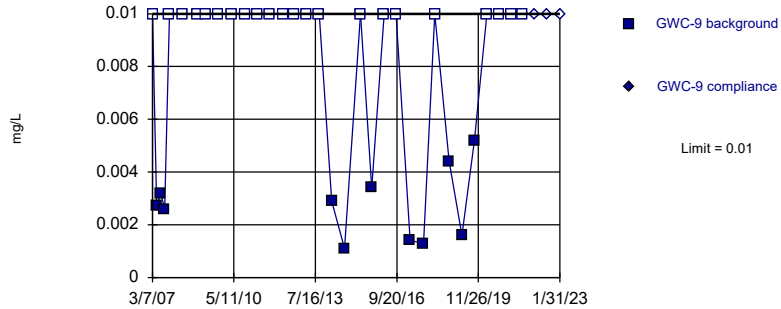
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road 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 33 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 4/5/2023 3:55 PM View: Appendix I - ND
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.003	
5/8/2007	<0.003	
7/7/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/9/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/10/2011	<0.003	
4/3/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/11/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/30/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
1/31/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	0.00028 (J)	
9/23/2020	<0.003	
3/8/2021	<0.003	
8/9/2021	<0.003	
2/4/2022		<0.003
8/8/2022		0.00084 (J)
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/9/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/4/2011	<0.003	
4/10/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0003 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/24/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/22/2020	<0.003	
3/8/2021	0.0005 (J)	
8/10/2021	<0.003	
2/4/2022		<0.003
8/8/2022		<0.003
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.003	
5/8/2007	<0.003	
7/7/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/9/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
10/7/2010	<0.003	
4/6/2011	<0.003	
10/6/2011	<0.003	
4/3/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/9/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	0.0021 (J)	
10/18/2016	<0.003	
12/7/2016	<0.003	
1/31/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	0.00049 (J)	
9/21/2020	<0.003	
3/9/2021	<0.003	
8/9/2021	0.0023 (J)	
2/4/2022		<0.003
8/8/2022		<0.003
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/2/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/11/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/5/2016	<0.003	
9/7/2016	0.0009 (J)	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/5/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/23/2020	<0.003	
3/8/2021	<0.003	
8/9/2021	<0.003	
2/4/2022		<0.003
8/8/2022		<0.003
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/2/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/11/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/22/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0003 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/1/2017	<0.003	
3/24/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
9/30/2019	<0.003	
3/26/2020	<0.003	
9/23/2020	<0.003	
3/8/2021	0.0016 (J)	
8/9/2021	<0.003	
2/4/2022		<0.003
8/8/2022		<0.003
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.003	
5/8/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/9/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/13/2010	<0.003	
4/6/2011	<0.003	
10/4/2011	<0.003	
4/10/2012	<0.003	
9/26/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/4/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/30/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0005 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/6/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/25/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/9/2022		<0.003
1/30/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/3/2008	<0.003	
4/14/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/12/2011	<0.003	
4/5/2012	<0.003	
9/19/2012	<0.003	
3/13/2013	<0.003	
9/10/2013	<0.003	
3/10/2014	<0.003	
9/3/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/24/2016	<0.003	
5/18/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/16/2018	<0.003	
10/5/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/30/2020	<0.003	
9/24/2020	0.00033 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/9/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/7/2007	<0.003	
5/7/2008	<0.003	
12/4/2008	<0.003	
4/14/2009	<0.003	
10/2/2009	<0.003	
4/13/2010	<0.003	
10/12/2010	<0.003	
4/6/2011	<0.003	
10/12/2011	<0.003	
4/5/2012	<0.003	
9/25/2012	<0.003	
3/13/2013	<0.003	
9/11/2013	<0.003	
3/10/2014	<0.003	
9/9/2014	<0.003	
4/22/2015	<0.003	
9/30/2015	<0.003	
3/24/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0003 (J)	
9/8/2016	<0.003	
10/18/2016	<0.003	
12/7/2016	<0.003	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/28/2020	<0.003	
3/10/2021	<0.003	
8/10/2021	<0.003	
2/7/2022		<0.003
8/9/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.003	
5/8/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/14/2010	<0.003	
10/14/2010	<0.003	
4/5/2011	<0.003	
10/12/2011	<0.003	
4/4/2012	<0.003	
9/24/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/9/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0004 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/16/2018	<0.003	
10/4/2018	<0.003	
4/9/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/25/2020	0.00052 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/9/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.003	
5/9/2007	<0.003	
7/17/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/3/2008	<0.003	
4/7/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/6/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
9/18/2012	<0.003	
3/12/2013	<0.003	
9/9/2013	<0.003	
3/5/2014	<0.003	
9/8/2014	<0.003	
4/22/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/17/2016	<0.003	
7/6/2016	0.0005 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/1/2017	<0.003	
3/23/2017	<0.003	
10/4/2017	<0.003	
3/16/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/31/2020	<0.003	
9/25/2020	<0.003	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/8/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
10/1/2009	<0.003	
4/13/2010	<0.003	
10/7/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
9/18/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/8/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0013 (J)	
9/7/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/24/2017	<0.003	
10/4/2017	<0.003	
3/15/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/30/2020	<0.003	
9/24/2020	0.0008 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/10/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	0.0064 (o)	
5/8/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/13/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/9/2014	<0.003	
4/22/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	0.0002 (J)	
9/8/2016	<0.003	
10/18/2016	<0.003	
12/8/2016	<0.003	
2/2/2017	<0.003	
3/24/2017	<0.003	
10/5/2017	<0.003	
3/14/2018	<0.003	
10/4/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/24/2020	0.0019 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/9/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.003	
5/8/2007	<0.003	
7/6/2007	<0.003	
8/28/2007	<0.003	
11/6/2007	<0.003	
5/8/2008	<0.003	
12/2/2008	<0.003	
4/8/2009	<0.003	
9/30/2009	<0.003	
4/13/2010	<0.003	
10/13/2010	<0.003	
4/5/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
9/19/2012	<0.003	
3/12/2013	<0.003	
9/10/2013	<0.003	
3/5/2014	<0.003	
9/3/2014	<0.003	
4/21/2015	<0.003	
9/29/2015	<0.003	
3/23/2016	<0.003	
5/18/2016	<0.003	
7/6/2016	<0.003	
9/8/2016	<0.003	
10/19/2016	<0.003	
12/8/2016	0.0012 (J)	
2/2/2017	<0.003	
3/27/2017	<0.003	
10/5/2017	<0.003	
3/15/2018	<0.003	
10/5/2018	<0.003	
4/8/2019	<0.003	
10/1/2019	<0.003	
3/27/2020	<0.003	
9/24/2020	0.00056 (J)	
3/9/2021	<0.003	
8/10/2021	<0.003	
2/4/2022		<0.003
8/9/2022		<0.003
1/31/2023		<0.003

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00012 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.005	
9/8/2014	0.0034 (J)	
4/21/2015	<0.005	
9/29/2015	0.0025 (J)	
3/22/2016	<0.005	
5/17/2016	0.00129 (J)	
7/5/2016	0.001 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	0.0006 (J)	
10/4/2017	0.0011 (J)	
3/15/2018	0.00066 (J)	
10/4/2018	0.0008 (J)	
4/5/2019	0.00035 (J)	
9/30/2019	0.00058 (J)	
3/26/2020	0.00048 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	0.0065	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	0.0006 (J)	
10/4/2017	<0.005	
3/15/2018	0.0014 (J)	
10/4/2018	<0.005	
4/8/2019	0.00023 (J)	
9/30/2019	<0.005	
3/26/2020	0.00044 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	0.0005 (J)	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	0.00063 (J)	
10/1/2019	<0.005	
3/30/2020	0.00073 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
9/30/2015	0.0023 (J)	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	0.0012 (J)	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.001 (J)	
3/15/2018	<0.005	
10/4/2018	0.0034 (J)	
4/9/2019	0.0018 (J)	
10/1/2019	<0.005	
3/31/2020	0.00035 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	0.00034 (J)	
10/1/2019	0.00082 (J)	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0017 (J)	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	0.0006 (J)	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.038 (o)	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	0.0053	
3/5/2014	0.0052	
9/8/2014	0.0058	
4/21/2015	0.0088	
9/29/2015	0.0086	
3/23/2016	0.00693	
5/18/2016	0.00451 (J)	
7/6/2016	0.0063	
9/7/2016	0.0065	
10/18/2016	0.0056	
12/8/2016	0.0065	
2/2/2017	0.002 (J)	
3/24/2017	0.0027 (J)	
10/4/2017	0.0056	
3/15/2018	0.0037 (J)	
10/4/2018	0.0049 (J)	
4/8/2019	0.0057	
10/1/2019	0.01	
11/6/2019	0.011	
3/30/2020	0.0052	
9/24/2020	0.0064	
3/9/2021	0.0052	
8/10/2021	0.0072	
2/4/2022		0.0042 (J)
8/10/2022		0.0093
1/31/2023		0.0028 (J)

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0022 (J)	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	0.0005 (J)	
10/5/2017	0.0008 (J)	
3/14/2018	0.00064 (J)	
10/4/2018	<0.005	
4/8/2019	0.0015 (J)	
10/1/2019	0.0028 (J)	
3/27/2020	0.002 (J)	
9/24/2020	0.0043 (J)	
3/9/2021	0.0018 (J)	
8/10/2021	0.005	
2/4/2022		0.0015 (J)
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00071 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	0.032	
5/8/2007	0.04	
7/7/2007	0.041	
8/28/2007	0.044	
11/6/2007	0.044	
5/9/2008	0.03	
12/3/2008	0.047	
4/7/2009	0.032	
10/1/2009	0.043	
4/14/2010	0.032	
10/13/2010	0.046	
4/6/2011	0.034	
10/10/2011	0.038	
4/3/2012	0.0363	
9/24/2012	0.041	
3/12/2013	0.041	
9/11/2013	0.048	
3/4/2014	0.036	
9/3/2014	0.04	
4/21/2015	0.033	
9/30/2015	0.042	
3/22/2016	0.0326	
5/17/2016	0.0387	
7/5/2016	0.0403	
9/7/2016	0.0413	
10/18/2016	0.0409	
12/6/2016	0.0408	
1/31/2017	0.0435	
3/23/2017	0.038	
10/4/2017	0.0396	
3/14/2018	0.039	
10/4/2018	0.039	
4/8/2019	0.031	
9/30/2019	0.042	
3/26/2020	0.032	
9/23/2020	0.041	
3/8/2021	0.035	
8/9/2021	0.046	
2/4/2022		0.038
8/8/2022		0.04
1/30/2023		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	0.03	
5/8/2007	0.032	
7/17/2007	0.028	
8/28/2007	0.03	
11/7/2007	0.032	
5/9/2008	0.032	
12/2/2008	0.036	
4/8/2009	0.04	
10/1/2009	0.039	
4/14/2010	0.041	
10/13/2010	0.039	
4/6/2011	0.034	
10/4/2011	0.032	
4/10/2012	0.0425	
9/26/2012	0.035	
3/12/2013	0.035	
9/10/2013	0.035	
3/4/2014	0.031	
9/3/2014	0.033	
4/21/2015	0.03	
9/29/2015	0.031	
3/22/2016	0.0327	
5/17/2016	0.0323	
7/6/2016	0.0344	
9/7/2016	0.0324	
10/18/2016	0.0311	
12/6/2016	0.0311	
2/1/2017	0.0332	
3/24/2017	0.032	
10/5/2017	0.0325	
3/15/2018	0.031	
10/4/2018	0.033	
4/8/2019	0.031	
9/30/2019	0.03	
3/26/2020	0.031	
9/22/2020	0.031	
3/8/2021	0.031	
8/10/2021	0.03	
2/4/2022		0.031
8/8/2022		0.029
1/30/2023		0.03

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	0.12	
5/8/2007	0.11	
7/7/2007	0.11	
8/28/2007	0.13	
11/6/2007	0.12	
5/9/2008	0.12	
12/3/2008	0.12	
4/7/2009	0.13	
10/1/2009	0.14	
4/13/2010	0.15	
10/7/2010	0.16	
4/6/2011	0.14	
10/6/2011	0.16	
4/3/2012	0.165	
9/19/2012	0.16	
3/12/2013	0.16	
9/9/2013	0.17	
3/4/2014	0.16	
9/3/2014	0.17	
4/22/2015	0.17	
9/30/2015	0.15	
3/22/2016	0.197	
5/17/2016	0.178	
7/5/2016	0.182	
9/7/2016	0.172	
10/18/2016	0.174	
12/7/2016	0.167	
1/31/2017	0.176	
3/23/2017	0.157	
10/4/2017	0.143	
3/14/2018	0.17	
10/4/2018	0.18	
4/8/2019	0.15	
9/30/2019	0.17	
3/26/2020	0.16	
9/21/2020	0.18	
3/9/2021	0.17	
8/9/2021	0.19	
2/4/2022		0.18
8/8/2022		0.18
1/30/2023		0.2

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	0.17	
5/8/2007	0.21	
7/17/2007	0.21	
8/28/2007	0.2	
11/6/2007	0.19	
5/8/2008	0.2	
12/3/2008	0.18	
4/7/2009	0.2	
10/2/2009	0.2	
4/14/2010	0.2	
10/14/2010	0.18	
4/5/2011	0.16	
10/12/2011	0.15	
4/4/2012	0.165	
9/26/2012	0.17	
3/12/2013	0.17	
9/10/2013	0.18	
3/11/2014	0.17	
9/8/2014	0.16	
4/21/2015	0.16	
9/29/2015	0.14	
3/22/2016	0.188	
5/17/2016	0.193	
7/5/2016	0.172	
9/7/2016	0.164	
10/18/2016	0.138	
12/6/2016	0.149	
2/1/2017	0.121	
3/23/2017	0.143	
10/4/2017	0.139	
3/15/2018	0.17	
10/4/2018	0.16	
4/5/2019	0.13	
9/30/2019	0.14	
3/26/2020	0.14	
9/23/2020	0.14	
3/8/2021	0.12	
8/9/2021	0.12	
2/4/2022		0.081
8/8/2022		0.1
1/30/2023		0.07

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	0.13	
5/8/2007	0.12	
7/17/2007	0.12	
8/28/2007	0.13	
11/6/2007	0.12	
5/8/2008	0.13	
12/3/2008	0.14	
4/7/2009	0.097	
10/2/2009	0.11	
4/14/2010	0.059	
10/14/2010	0.053	
4/5/2011	0.042	
10/12/2011	0.048	
4/4/2012	0.044	
9/24/2012	0.048	
3/12/2013	0.043	
9/10/2013	0.042	
3/11/2014	0.04	
9/8/2014	0.042	
4/21/2015	0.05	
9/29/2015	0.044	
3/22/2016	0.0397	
5/17/2016	0.0351	
7/6/2016	0.0475	
9/7/2016	0.0415	
10/18/2016	0.0424	
12/6/2016	0.0528	
2/1/2017	0.0482	
3/24/2017	0.0595	
10/4/2017	0.0486	
3/15/2018	0.04	
10/4/2018	0.05	
4/8/2019	0.047	
9/30/2019	0.051	
3/26/2020	0.049	
9/23/2020	0.043	
3/8/2021	0.052	
8/9/2021	0.034	
2/4/2022		0.037
8/8/2022		0.04
1/30/2023		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	0.15	
5/8/2007	0.14	
7/17/2007	0.1	
8/28/2007	0.1	
11/7/2007	0.11	
5/9/2008	0.15	
12/2/2008	0.11	
4/8/2009	0.16	
10/1/2009	0.11	
4/14/2010	0.15	
10/13/2010	0.1	
4/6/2011	0.13	
10/4/2011	0.089	
4/10/2012	0.126	
9/26/2012	0.093	
3/12/2013	0.13	
9/10/2013	0.14	
3/4/2014	0.11	
9/3/2014	0.1	
4/21/2015	0.14	
9/30/2015	0.096	
3/23/2016	0.132	
5/17/2016	0.122	
7/6/2016	0.101	
9/7/2016	0.0985	
10/18/2016	0.104	
12/6/2016	0.1	
2/2/2017	0.147	
3/27/2017	0.158	
10/5/2017	0.106	
3/15/2018	0.18	
5/15/2018	0.16	
10/4/2018	0.2	
12/11/2018	0.18	
1/11/2019	0.17	
4/9/2019	0.17	
10/1/2019	0.12	
3/27/2020	0.037	
9/25/2020	0.11	
3/9/2021	0.15	
8/10/2021	0.14	
2/4/2022		0.16
8/9/2022		0.12
1/30/2023		0.17

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	0.072	
5/9/2007	0.063	
7/17/2007	0.058	
8/28/2007	0.06	
11/7/2007	0.072	
5/7/2008	0.076	
12/3/2008	0.066	
4/14/2009	0.08	
10/1/2009	0.074	
4/13/2010	0.062	
10/12/2010	0.078	
4/6/2011	0.066	
10/12/2011	0.071	
4/5/2012	0.0675	
9/19/2012	0.073	
3/13/2013	0.075	
9/10/2013	0.081	
3/10/2014	0.064	
9/3/2014	0.078	
4/22/2015	0.067	
9/30/2015	0.075	
3/24/2016	0.0818	
5/18/2016	0.0763	
7/7/2016	0.0747	
9/8/2016	0.081	
10/19/2016	0.084	
12/8/2016	0.0799	
2/2/2017	0.0813	
3/27/2017	0.0714	
10/5/2017	0.0755	
3/16/2018	0.074	
10/5/2018	0.081	
4/9/2019	0.081	
10/1/2019	0.082	
3/30/2020	0.077	
9/24/2020	0.079	
3/9/2021	0.077	
8/10/2021	0.093	
2/4/2022		0.08
8/9/2022		0.08
1/31/2023		0.077

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	0.088	
5/9/2007	0.07	
7/17/2007	0.063	
8/28/2007	0.066	
11/7/2007	0.07	
5/7/2008	0.071	
12/4/2008	0.068	
4/14/2009	0.076	
10/2/2009	0.07	
4/13/2010	0.085	
10/12/2010	0.075	
4/6/2011	0.077	
10/12/2011	0.12	
4/5/2012	0.143	
9/25/2012	0.13	
3/13/2013	0.14	
9/11/2013	0.15	
3/10/2014	0.13	
9/9/2014	0.16	
4/22/2015	0.15	
9/30/2015	0.15	
3/24/2016	0.152	
5/18/2016	0.146	
7/6/2016	0.152	
9/8/2016	0.142	
10/18/2016	0.145	
12/7/2016	0.133	
2/2/2017	0.14	
3/27/2017	0.152	
10/5/2017	0.142	
3/15/2018	0.14	
10/4/2018	0.16	
4/9/2019	0.15	
10/1/2019	0.15	
3/31/2020	0.17	
9/28/2020	0.15	
3/10/2021	0.15	
8/10/2021	0.14	
2/7/2022		0.14
8/9/2022		0.14
1/31/2023		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	0.11	
5/9/2007	0.082	
7/17/2007	0.078	
8/29/2007	0.096	
11/7/2007	0.1	
5/7/2008	0.11	
12/5/2008	0.11	
4/14/2009	0.11	
9/30/2009	0.12	
4/13/2010	0.11	
10/12/2010	0.12	
10/12/2011	0.11	
4/9/2012	0.13	
9/25/2012	0.13	
3/13/2013	0.12	
9/11/2013	0.12	
3/10/2014	0.11	
9/9/2014	0.11	
4/23/2015	0.11	
9/30/2015	0.11	
3/23/2016	0.115	
5/18/2016	0.128	
7/7/2016	0.124	
9/8/2016	0.121	
10/19/2016	0.117	
12/7/2016	0.11	
2/3/2017	0.123	
3/27/2017	0.112	
10/5/2017	0.128	
3/16/2018	0.12	
10/5/2018	0.12	
4/9/2019	0.13	
10/1/2019	0.14	
3/31/2020	0.15	
6/19/2020	0.14 (R)	
9/23/2020	0.13	
3/10/2021	0.13	
8/10/2021	0.14	
2/7/2022		0.14
8/9/2022		0.15
1/31/2023		0.14

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:31 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	0.038	
5/9/2007	0.046	
7/17/2007	0.06	
8/29/2007	0.07	
11/7/2007	0.055	
5/7/2008	0.032	
12/5/2008	0.06	
4/27/2009	0.032	
9/30/2009	0.046	
4/13/2010	0.035	
10/12/2010	0.15	
10/5/2011	0.055	
4/10/2012	0.0399	
9/26/2012	0.093	
3/13/2013	0.066	
9/11/2013	0.053	
3/11/2014	0.039	
9/9/2014	0.14	
9/30/2015	0.15	
3/24/2016	0.046	
5/18/2016	0.0557	
7/7/2016	0.0596	
9/8/2016	0.184	
10/19/2016	0.186	
12/7/2016	0.174	
2/2/2017	0.0783	
3/27/2017	0.0363	
10/5/2017	0.0562	
3/15/2018	0.086	
10/4/2018	0.079	
4/9/2019	0.05	
10/1/2019	0.18	
3/31/2020	0.044	
9/24/2020	0.19	
3/9/2021	0.12	
8/10/2021	0.057	
2/7/2022		0.063
8/9/2022		0.056
1/31/2023		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	0.023	
5/9/2007	0.034	
7/17/2007	0.034	
8/29/2007	0.048	
11/7/2007	0.042	
5/7/2008	0.078	
12/5/2008	0.067	
4/14/2009	0.083	
9/30/2009	0.086	
4/13/2010	0.087	
10/12/2010	0.082	
4/6/2011	0.082	
10/5/2011	0.082	
4/9/2012	0.0959	
9/25/2012	0.09	
3/13/2013	0.092	
9/11/2013	0.096	
3/11/2014	0.085	
9/9/2014	0.096	
4/23/2015	0.093	
9/30/2015	0.096	
3/23/2016	0.0938	
5/18/2016	0.0983	
7/7/2016	0.121	
9/8/2016	0.0917	
10/19/2016	0.091	
12/7/2016	0.0868	
2/2/2017	0.0939	
3/27/2017	0.0905	
10/5/2017	0.0945	
3/15/2018	0.096	
10/4/2018	0.1	
4/9/2019	0.094	
10/1/2019	0.1	
3/31/2020	0.1	
9/23/2020	0.1	
3/9/2021	0.089	
8/10/2021	0.091	
2/7/2022		0.092
8/9/2022		0.098
1/31/2023		0.09

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	0.05	
5/9/2007	0.055	
7/17/2007	0.048	
8/29/2007	0.056	
11/7/2007	0.07	
5/7/2008	0.063	
12/5/2008	0.068	
4/14/2009	0.062	
10/1/2009	0.064	
4/14/2010	0.048	
10/13/2010	0.071	
4/6/2011	0.042	
10/12/2011	0.066	
4/9/2012	0.0628	
9/19/2012	0.073	
3/13/2013	0.057	
9/10/2013	0.066	
3/11/2014	0.054	
9/3/2014	0.06	
4/23/2015	0.06	
9/30/2015	0.076	
3/23/2016	0.0533	
5/19/2016	0.074	
7/7/2016	0.0766	
9/8/2016	0.0726	
10/19/2016	0.072	
12/7/2016	0.0732	
2/3/2017	0.0619	
3/27/2017	0.0602	
10/5/2017	0.0734	
3/15/2018	0.053	
10/5/2018	0.065	
4/8/2019	0.059	
10/1/2019	0.082	
3/26/2020	0.071	
9/23/2020	0.079	
3/9/2021	0.085	
8/10/2021	0.085	
2/7/2022		0.091
8/8/2022		0.078
1/31/2023		0.11

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	0.1	
5/8/2007	0.11	
7/6/2007	0.11	
8/28/2007	0.1	
11/6/2007	0.1	
5/8/2008	0.11	
12/3/2008	0.091	
4/7/2009	0.094	
10/1/2009	0.097	
4/14/2010	0.096	
10/14/2010	0.1	
4/5/2011	0.092	
10/12/2011	0.12	
4/4/2012	0.105	
9/24/2012	0.13	
3/12/2013	0.1	
9/10/2013	0.13	
3/5/2014	0.084	
9/9/2014	0.11	
4/21/2015	0.11	
9/29/2015	0.097	
3/23/2016	0.0993	
5/17/2016	0.104	
7/6/2016	0.104	
9/7/2016	0.0945	
10/18/2016	0.0928	
12/8/2016	0.1	
2/1/2017	0.0972	
3/23/2017	0.105	
10/4/2017	0.102	
3/16/2018	0.091	
10/4/2018	0.084	
4/9/2019	0.067	
10/1/2019	0.09	
3/31/2020	0.064	
9/25/2020	0.074	
3/9/2021	0.063	
8/10/2021	0.077	
2/4/2022		0.061
8/9/2022		0.074
1/31/2023		0.064

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	0.057	
5/9/2007	0.054	
7/17/2007	0.059	
8/28/2007	0.061	
11/6/2007	0.074	
5/8/2008	0.079	
12/3/2008	0.1	
4/7/2009	0.091	
10/1/2009	0.092	
4/13/2010	0.095	
10/6/2010	0.11	
4/5/2011	0.1	
10/4/2011	0.11	
4/3/2012	0.116	
9/18/2012	0.12	
3/12/2013	0.11	
9/9/2013	0.13	
3/5/2014	0.12	
9/8/2014	0.13	
4/22/2015	0.14	
9/29/2015	0.14	
3/23/2016	0.156	
5/17/2016	0.168	
7/6/2016	0.171	
9/7/2016	0.154	
10/18/2016	0.159	
12/8/2016	0.156	
2/1/2017	0.163	
3/23/2017	0.161	
10/4/2017	0.171	
3/16/2018	0.17	
10/4/2018	0.19	
4/8/2019	0.15	
10/1/2019	0.18	
3/31/2020	0.18	
9/25/2020	0.16	
3/9/2021	0.17	
8/10/2021	0.18	
2/4/2022		0.16
8/8/2022		0.15
1/31/2023		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.011	
7/6/2007	0.0065	
8/28/2007	0.0095	
11/6/2007	0.013	
5/8/2008	0.011	
12/2/2008	0.011	
4/8/2009	0.0091	
10/1/2009	0.0098	
4/13/2010	0.0084	
10/7/2010	0.01	
4/5/2011	0.015	
10/4/2011	0.01	
4/3/2012	0.0426	
9/18/2012	0.02	
3/12/2013	0.35	
9/10/2013	0.11	
3/5/2014	0.054	
9/8/2014	0.044	
4/21/2015	0.065	
9/29/2015	0.036	
3/23/2016	0.263	
5/18/2016	0.245	
7/6/2016	0.117	
9/7/2016	0.0703	
10/18/2016	0.068	
12/8/2016	0.0791	
2/2/2017	0.17	
3/24/2017	0.181	
10/4/2017	0.0937	
3/15/2018	0.15	
10/4/2018	0.08	
4/8/2019		0.24
10/1/2019		0.085
3/30/2020		0.21
9/24/2020		0.11
3/9/2021		0.31
8/10/2021		0.14
2/4/2022		0.35
8/10/2022		0.098
1/31/2023		0.047

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	0.13	
7/6/2007	0.12	
8/28/2007	0.11	
11/6/2007	0.1	
5/8/2008	0.1	
12/2/2008	0.11	
4/8/2009	0.1	
9/30/2009	0.099	
4/13/2010	0.098	
10/13/2010	0.092	
4/5/2011	0.085	
10/4/2011	0.091	
4/3/2012	0.101	
9/19/2012	0.1	
3/12/2013	0.098	
9/10/2013	0.11	
3/5/2014	0.087	
9/9/2014	0.1	
4/22/2015	0.095	
9/29/2015	0.093	
3/23/2016	0.0918	
5/18/2016	0.0957	
7/6/2016	0.0935	
9/8/2016	0.0925	
10/18/2016	0.0939	
12/8/2016	0.0996	
2/2/2017	0.096	
3/24/2017	0.106	
10/5/2017	0.103	
3/14/2018	0.1	
10/4/2018	0.11	
4/8/2019	0.13	
6/18/2019	0.17	
10/1/2019	0.12	
3/27/2020	0.14	
9/24/2020	0.14	
3/9/2021	0.14	
8/10/2021	0.23 (o)	
2/4/2022		0.17
8/9/2022		0.16
1/31/2023		0.12

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	0.059	
5/8/2007	0.055	
7/6/2007	0.052	
8/28/2007	0.047	
11/6/2007	0.048	
5/8/2008	0.052	
12/2/2008	0.056	
4/8/2009	0.057	
9/30/2009	0.055	
4/13/2010	0.053	
10/13/2010	0.054	
4/5/2011	0.035 (o)	
10/4/2011	0.058	
4/4/2012	0.0632	
9/19/2012	0.061	
3/12/2013	0.056	
9/10/2013	0.067	
3/5/2014	0.055	
9/3/2014	0.051	
4/21/2015	0.059	
9/29/2015	0.06	
3/23/2016	0.0636	
5/18/2016	0.0629	
7/6/2016	0.0646	
9/8/2016	0.063	
10/19/2016	0.0644	
12/8/2016	0.0648	
2/2/2017	0.0656	
3/27/2017	0.0619	
10/5/2017	0.0655	
3/15/2018	0.062	
10/5/2018	0.07	
4/8/2019	0.058	
10/1/2019	0.071	
3/27/2020	0.06	
9/24/2020	0.06	
3/9/2021	0.059	
8/10/2021	0.067	
2/4/2022		0.067
8/9/2022		0.068
1/31/2023		0.064

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/11/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/22/2020	<0.0005	
3/8/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/6/2011	<0.0005	
10/6/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/9/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/21/2020	<0.0005	
3/9/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	8E-05 (J)	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/5/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/4/2008	<0.0005	
4/14/2009	<0.0005	
10/2/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/5/2012	<0.0005	
9/25/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/10/2014	<0.0005	
9/9/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
2/2/2017	<0.0005	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/28/2020	0.0001 (J)	
3/10/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.28 (o)	
7/6/2007	0.093 (o)	
8/28/2007	0.057 (o)	
11/6/2007	0.036 (o)	
5/8/2008	0.013	
12/2/2008	0.01	
4/8/2009	0.0076	
10/1/2009	0.0057	
4/13/2010	0.0061	
10/7/2010	0.0039	
4/5/2011	0.0025	
10/4/2011	0.0024	
4/3/2012	0.0008	
9/18/2012	0.002	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	0.00037 (J)	
9/8/2014	0.00055 (J)	
4/21/2015	0.00033 (J)	
9/29/2015	0.00046 (J)	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	0.0002 (J)	
9/7/2016	0.0002 (J)	
10/18/2016	0.0002 (J)	
12/8/2016	0.0003 (J)	
2/2/2017	<0.0005	
3/24/2017	<0.0005	
10/4/2017	0.0001 (J)	
3/15/2018	<0.0005	
10/4/2018	0.0002 (J)	
4/8/2019	5.8E-05 (J)	
10/1/2019	0.0001 (J)	
3/30/2020	<0.0005	
9/24/2020	5E-05 (J)	
3/9/2021	<0.0005	
8/10/2021	6.1E-05 (J)	
2/4/2022		<0.0005
8/10/2022		7.6E-05 (J)
1/31/2023		0.00021 (J)

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/10/2011	<0.0005	
4/3/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/11/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/22/2020	<0.0005	
3/8/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/7/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/9/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/6/2011	<0.0005	
10/6/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/9/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/7/2016	<0.0005	
1/31/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/21/2020	<0.0005	
3/9/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/5/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/5/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/2/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/22/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/1/2017	0.0001 (J)	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
9/30/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/8/2021	<0.0005	
8/9/2021	<0.0005	
2/4/2022		<0.0005
8/8/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/9/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/4/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/4/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/6/2016	<0.0005	
2/2/2017	9E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/25/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/9/2022		<0.0005
1/30/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/28/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/3/2008	<0.0005	
4/14/2009	<0.0005	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/5/2012	<0.0005	
9/19/2012	<0.0005	
3/13/2013	<0.0005	
9/10/2013	<0.0005	
3/10/2014	<0.0005	
9/3/2014	<0.0005	
4/22/2015	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/16/2018	<0.0005	
10/5/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/30/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/29/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/14/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
10/12/2011	<0.0005	
4/9/2012	<0.0005	
9/25/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/10/2014	<0.0005	
9/9/2014	<0.0005	
4/23/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/3/2017	<0.0005	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/16/2018	<0.0005	
10/5/2018	0.00011 (J)	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/23/2020	<0.0005	
3/10/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/29/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/27/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/12/2010	<0.0005	
10/5/2011	<0.0005	
4/10/2012	<0.0005	
9/26/2012	<0.0005	
3/13/2013	<0.0005	
9/11/2013	<0.0005	
3/11/2014	<0.0005	
9/9/2014	<0.0005	
9/30/2015	<0.0005	
3/24/2016	<0.0005	
5/18/2016	<0.0005	
7/7/2016	0.0001 (J)	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/2/2017	0.0001 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.0005	
5/9/2007	<0.0005	
7/17/2007	<0.0005	
8/29/2007	<0.0005	
11/7/2007	<0.0005	
5/7/2008	<0.0005	
12/5/2008	<0.0005	
4/14/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/13/2010	<0.0005	
4/6/2011	<0.0005	
10/12/2011	<0.0005	
4/9/2012	<0.0005	
9/19/2012	<0.0005	
3/13/2013	<0.0005	
9/10/2013	<0.0005	
3/11/2014	<0.0005	
9/3/2014	<0.0005	
4/23/2015	<0.0005	
9/30/2015	<0.0005	
3/23/2016	<0.0005	
5/19/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/7/2016	<0.0005	
2/3/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/5/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/26/2020	<0.0005	
9/23/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/7/2022		<0.0005
8/8/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	0.0015	
5/8/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/3/2008	<0.0005	
4/7/2009	<0.0005	
10/1/2009	<0.0005	
4/14/2010	<0.0005	
10/14/2010	<0.0005	
4/5/2011	<0.0005	
10/12/2011	<0.0005	
4/4/2012	<0.0005	
9/24/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/9/2014	<0.0005	
4/21/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/17/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/1/2017	<0.0005	
3/23/2017	<0.0005	
10/4/2017	<0.0005	
3/16/2018	<0.0005	
10/4/2018	<0.0005	
4/9/2019	<0.0005	
10/1/2019	<0.0005	
3/31/2020	<0.0005	
9/25/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.023 (o)	
7/6/2007	0.0081 (o)	
8/28/2007	0.0035	
11/6/2007	0.0028	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	0.0013	
10/1/2009	<0.0005	
4/13/2010	<0.0005	
10/7/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
9/18/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/8/2014	<0.0005	
4/21/2015	0.0015	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	0.0001 (J)	
3/24/2017	<0.0005	
10/4/2017	<0.0005	
3/15/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/30/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/10/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/13/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/9/2014	<0.0005	
4/22/2015	<0.0005	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/18/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/24/2017	<0.0005	
10/5/2017	<0.0005	
3/14/2018	<0.0005	
10/4/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.0005	
5/8/2007	<0.0005	
7/6/2007	<0.0005	
8/28/2007	<0.0005	
11/6/2007	<0.0005	
5/8/2008	<0.0005	
12/2/2008	<0.0005	
4/8/2009	<0.0005	
9/30/2009	<0.0005	
4/13/2010	<0.0005	
10/13/2010	<0.0005	
4/5/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
9/19/2012	<0.0005	
3/12/2013	<0.0005	
9/10/2013	<0.0005	
3/5/2014	<0.0005	
9/3/2014	<0.0005	
4/21/2015	0.00029 (J)	
9/29/2015	<0.0005	
3/23/2016	<0.0005	
5/18/2016	<0.0005	
7/6/2016	<0.0005	
9/8/2016	<0.0005	
10/19/2016	<0.0005	
12/8/2016	<0.0005	
2/2/2017	8E-05 (J)	
3/27/2017	<0.0005	
10/5/2017	<0.0005	
3/15/2018	<0.0005	
10/5/2018	<0.0005	
4/8/2019	<0.0005	
10/1/2019	<0.0005	
3/27/2020	<0.0005	
9/24/2020	<0.0005	
3/9/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022		<0.0005
8/9/2022		<0.0005
1/31/2023		<0.0005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.00032 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	0.016	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0013	
11/7/2007	0.0024	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0018 (J)	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00043 (J)	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	0.0014	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00062 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	0.0004 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.0013 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	0.00424 (J)	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0013 (J)	
2/2/2017	0.001 (J)	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00086 (J)	
3/30/2020	0.00071 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0012 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00042 (J)	
9/28/2020	0.00063 (J)	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	0.0016	
11/7/2007	0.0016	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	0.0064 (J)	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	0.0015	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00093 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	0.002	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0013	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.0023 (J)	
10/1/2019	<0.005	
3/31/2020	0.0015 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.005	
5/9/2007	0.0013	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.0051 (J)	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.0012 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	0.00085 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.11 (o)	
7/6/2007	0.0029	
8/28/2007	0.0038	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	0.0016	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	0.0018	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	0.0011 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/30/2020	0.00041 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/10/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	0.0035	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	0.0017	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	0.0005 (J)	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.0005 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	0.0013	
7/6/2007	<0.005	
8/28/2007	0.0014	
11/6/2007	0.0024	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.00043 (J)	
9/3/2014	0.00076 (J)	
4/21/2015	0.00051 (J)	
9/30/2015	0.0006 (J)	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	0.0004 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0006 (J)	
1/31/2017	0.0006 (J)	
3/23/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/14/2018	<0.005	
10/4/2018	0.00058 (J)	
4/8/2019	0.00026 (J)	
9/30/2019	0.00042 (J)	
3/26/2020	0.00049 (J)	
9/23/2020	0.00051 (J)	
3/8/2021	0.0005 (J)	
8/9/2021	<0.005	
2/4/2022		0.00057 (J)
8/8/2022		0.00045 (J)
1/30/2023		0.0005 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.00047 (J)	
9/3/2014	0.00065 (J)	
4/21/2015	0.00062 (J)	
9/29/2015	0.0009 (J)	
3/22/2016	<0.01	
5/17/2016	<0.01	
7/6/2016	0.0009 (J)	
9/7/2016	0.0011 (J)	
10/18/2016	0.0011 (J)	
12/6/2016	0.0011 (J)	
2/1/2017	0.0011 (J)	
3/24/2017	0.0008 (J)	
10/5/2017	0.0008 (J)	
3/15/2018	<0.01	
10/4/2018	0.00072 (J)	
4/8/2019	0.00076 (J)	
9/30/2019	0.00054 (J)	
3/26/2020	0.00063 (J)	
9/22/2020	0.00049 (J)	
3/8/2021	0.00049 (J)	
8/10/2021	0.00047 (J)	
2/4/2022		0.00051 (J)
8/8/2022		0.00058 (J)
1/30/2023		0.00043 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	6.1E-05 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	0.0003 (J)	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	0.0007 (J)	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	0.00031 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.00042 (J)	
2/4/2022		0.00052 (J)
8/8/2022		0.0013 (J)
1/30/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	0.0016	
3/12/2013	<0.005	
9/10/2013	0.002	
3/11/2014	<0.005	
9/8/2014	0.001 (J)	
4/21/2015	<0.005	
9/29/2015	0.0025 (J)	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	0.0004 (J)	
9/7/2016	0.0008 (J)	
10/18/2016	<0.005	
12/6/2016	0.0026 (J)	
2/1/2017	0.0013 (J)	
3/24/2017	0.0014 (J)	
10/4/2017	0.0012 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00044 (J)	
9/30/2019	0.00079 (J)	
3/26/2020	0.00082 (J)	
9/23/2020	<0.005	
3/8/2021	0.00061 (J)	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.00082 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/27/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/5/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	0.0033	
3/13/2013	<0.01	
9/11/2013	0.0018	
3/11/2014	0.00029 (J)	
9/9/2014	0.0011 (J)	
9/30/2015	<0.01	
3/24/2016	<0.01	
5/18/2016	<0.01	
7/7/2016	0.0016 (J)	
9/8/2016	0.0006 (J)	
10/19/2016	0.0006 (J)	
12/7/2016	0.0006 (J)	
2/2/2017	<0.01	
3/27/2017	0.001 (J)	
10/5/2017	0.0051 (J)	
3/15/2018	<0.01	
10/4/2018	0.0065 (J)	
4/9/2019	0.0023 (J)	
10/1/2019	0.00046 (J)	
3/31/2020	0.0019 (J)	
9/24/2020	0.00068 (J)	
3/9/2021	0.00049 (J)	
8/10/2021	0.0041 (J)	
2/7/2022		0.0028 (J)
8/9/2022		0.0027 (J)
1/31/2023		0.002 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/3/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	0.00058 (J)	
4/8/2019	0.00046 (J)	
10/1/2019	0.00033 (J)	
3/26/2020	0.00035 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	0.0007 (J)	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	0.00057 (J)	
3/9/2021	0.00043 (J)	
8/10/2021	0.00098 (J)	
2/4/2022		<0.005
8/9/2022		0.00061 (J)
1/31/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/8/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00022 (J)	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	6.5 (o)	
7/6/2007	2.1 (o)	
8/28/2007	1.4 (o)	
11/6/2007	1.1 (o)	
5/8/2008	0.75	
12/2/2008	0.41	
4/8/2009	0.38	
10/1/2009	0.29	
4/13/2010	0.26	
10/7/2010	0.24	
4/5/2011	0.17	
10/4/2011	0.19	
4/3/2012	0.114	
9/18/2012	0.14	
3/12/2013	0.041	
9/10/2013	0.06	
3/5/2014	0.049	
9/8/2014	0.068	
4/21/2015	0.043	
9/29/2015	0.0525	
3/23/2016	0.0172	
5/18/2016	0.021	
7/6/2016	0.0278	
9/7/2016	0.0334	
10/18/2016	0.0368	
12/8/2016	0.0419	
2/2/2017	0.0113	
3/24/2017	0.0094 (J)	
10/4/2017	0.0237	
3/15/2018	0.014	
10/4/2018	0.024	
4/8/2019	0.0086 (J)	
10/1/2019	0.017	
3/30/2020	0.012	
9/24/2020	0.01	
3/9/2021	0.0093	
8/10/2021	0.013	
2/4/2022		0.0092
8/10/2022		0.013
1/31/2023		0.031

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/9/2014	<0.01	
4/22/2015	<0.01	
9/29/2015	<0.01	
3/23/2016	<0.01	
5/18/2016	<0.01	
7/6/2016	<0.01	
9/8/2016	<0.01	
10/18/2016	<0.01	
12/8/2016	<0.01	
2/2/2017	<0.01	
3/24/2017	<0.01	
10/5/2017	0.0003 (J)	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	0.0017 (J)	
10/1/2019	0.00081 (J)	
3/27/2020	0.0016 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	0.0013 (J)	
8/10/2021	0.004 (J)	
2/4/2022		0.0019 (J)
8/9/2022		0.0013 (J)
1/31/2023		0.00055 (J)

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	0.0004 (J)	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0004 (J)	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	0.00041 (J)	
10/1/2019	0.00041 (J)	
3/27/2020	0.00063 (J)	
9/24/2020	<0.005	
3/9/2021	0.00042 (J)	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0032	
11/7/2007	0.0036	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.0013 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	0.0032	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	0.0011 (J)	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00029 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	0.0028	
8/28/2007	0.0039	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	0.00022 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	0.0061	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	0.0066	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	0.00051 (J)	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	0.0025	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.00022 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		0.0023 (J)
1/30/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	0.0029	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	<0.005	
9/3/2014	0.00099 (J)	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00037 (J)	
3/30/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	0.0035	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0004 (J)	
10/5/2017	0.0005 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.0014 (J)	
10/1/2019	0.00019 (J)	
3/31/2020	<0.005	
9/28/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0028	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00023 (J)	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0029	
5/7/2008	0.0026	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	0.0013 (J)	
9/30/2015	0.0008 (J)	
3/24/2016	<0.005	
9/8/2016	0.0006 (J)	
3/27/2017	0.0005 (J)	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00084 (J)	
3/31/2020	0.00082 (J)	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		0.0012 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0033	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00031 (J)	
3/31/2020	0.0002 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	0.0084	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	0.0012 (J)	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	0.0003 (J)	
3/15/2018	0.0016 (J)	
10/5/2018	<0.005	
4/8/2019	0.0005 (J)	
10/1/2019	0.00083 (J)	
3/26/2020	0.00067 (J)	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	0.00078 (J)	
2/7/2022		0.00088 (J)
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	0.0027	
5/8/2007	0.0026	
7/6/2007	<0.005	
8/28/2007	0.0036	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.00031 (J)	
3/31/2020	0.00019 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00023 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	0.44 (o)	
7/6/2007	0.016	
8/28/2007	0.0091	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	0.003	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	0.00082 (J)	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	0.0007 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00025 (J)	
10/1/2019	0.00034 (J)	
3/30/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/10/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	0.00036 (J)	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	0.0043	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	0.0018 (J)	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/10/2011	<0.001	
4/3/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/11/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/9/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/4/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	7E-05 (J)	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/22/2020	<0.001	
3/8/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/6/2011	<0.001	
10/6/2011	<0.001	
4/3/2012	<0.001	
9/19/2012	<0.001	
3/12/2013	<0.001	
9/9/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/21/2020	<0.001	
3/9/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/5/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	4.7E-05 (J)	
9/23/2020	<0.001	
3/8/2021	4E-05 (J)	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/9/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/4/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/27/2020	5.4E-05 (J)	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/9/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/3/2008	<0.001	
4/14/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/5/2012	<0.001	
9/19/2012	<0.001	
3/13/2013	<0.001	
9/10/2013	<0.001	
3/10/2014	<0.001	
9/3/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/16/2018	<0.001	
10/5/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/30/2020	<0.001	
9/24/2020	4E-05 (J)	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/4/2008	<0.001	
4/14/2009	<0.001	
10/2/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/5/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/10/2014	<0.001	
9/9/2014	<0.001	
4/22/2015	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	<0.001	
9/8/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	0.0002 (J)	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	6.1E-05 (J)	
9/28/2020	0.00014 (J)	
3/10/2021	<0.001	
8/10/2021	<0.001	
2/7/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
10/12/2011	<0.001	
4/9/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/10/2014	<0.001	
9/9/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/3/2017	<0.001	
3/27/2017	7E-05 (J)	
10/5/2017	<0.001	
3/16/2018	<0.001	
10/5/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	<0.001	
9/23/2020	<0.001	
3/10/2021	<0.001	
8/10/2021	<0.001	
2/7/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/27/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
10/5/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/11/2014	<0.001	
9/9/2014	<0.001	
9/30/2015	<0.001	
3/24/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	0.0001 (J)	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	7.5E-05 (J)	
3/31/2020	<0.001	
9/24/2020	0.00012 (J)	
3/9/2021	0.00013 (J)	
8/10/2021	<0.001	
2/7/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/12/2010	<0.001	
4/6/2011	<0.001	
10/5/2011	<0.001	
4/9/2012	<0.001	
9/25/2012	<0.001	
3/13/2013	<0.001	
9/11/2013	<0.001	
3/11/2014	<0.001	
9/9/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/2/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	<0.001	
10/1/2019	0.00012 (J)	
3/31/2020	0.00013 (J)	
9/23/2020	6.6E-05 (J)	
3/9/2021	3.8E-05 (J)	
8/10/2021	<0.001	
2/7/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/29/2007	<0.001	
11/7/2007	<0.001	
5/7/2008	<0.001	
12/5/2008	<0.001	
4/14/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/12/2011	<0.001	
4/9/2012	<0.001	
9/19/2012	<0.001	
3/13/2013	<0.001	
9/10/2013	<0.001	
3/11/2014	<0.001	
9/3/2014	<0.001	
4/23/2015	<0.001	
9/30/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/7/2016	<0.001	
9/8/2016	<0.001	
10/19/2016	<0.001	
12/7/2016	<0.001	
2/3/2017	<0.001	
3/27/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/5/2018	0.00042 (J)	
4/8/2019	0.00018 (J)	
10/1/2019	0.00022 (J)	
3/26/2020	0.00016 (J)	
9/23/2020	0.00036 (J)	
3/9/2021	0.00011 (J)	
8/10/2021	<0.001	
2/7/2022		<0.001
8/8/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.001	
5/8/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	<0.001	
9/9/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/16/2018	<0.001	
10/4/2018	<0.001	
4/9/2019	0.00039 (J)	
10/1/2019	6.5E-05 (J)	
3/31/2020	<0.001	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.001	
5/9/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/6/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
9/9/2013	<0.001	
3/5/2014	<0.001	
9/8/2014	<0.001	
4/22/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	0.0001 (J)	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/16/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/31/2020	<0.001	
9/25/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	0.0016 (J)	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	0.0001 (J)	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	0.0003 (J)	
3/24/2017	0.0002 (J)	
10/4/2017	7E-05 (J)	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	5E-05 (J)	
3/30/2020	4.8E-05 (J)	
9/24/2020	6E-05 (J)	
3/9/2021	8.5E-05 (J)	
8/10/2021	<0.001	
2/4/2022		<0.001
8/10/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
9/30/2009	<0.001	
4/13/2010	<0.001	
10/13/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/19/2012	<0.001	
3/12/2013	<0.001	
9/10/2013	<0.001	
3/5/2014	<0.001	
9/9/2014	<0.001	
4/22/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	<0.001	
9/8/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	0.0002 (J)	
2/2/2017	<0.001	
3/24/2017	<0.001	
10/5/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/27/2020	<0.001	
9/24/2020	4.9E-05 (J)	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/9/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	0.001 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	0.0008 (J)	
3/23/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00034 (J)	
9/30/2019	0.00037 (J)	
3/26/2020	0.00065 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.002 (J)	
9/3/2014	0.002 (J)	
4/21/2015	0.002 (J)	
9/29/2015	0.0022 (J)	
3/22/2016	<0.01	
9/7/2016	0.0026 (J)	
3/24/2017	0.0024 (J)	
10/5/2017	0.0023 (J)	
3/15/2018	0.0026 (J)	
10/4/2018	0.0023 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0017 (J)	
3/26/2020	0.002 (J)	
9/22/2020	0.0014 (J)	
3/8/2021	0.001 (J)	
8/10/2021	0.0017 (J)	
2/4/2022		0.0019 (J)
8/8/2022		0.0017 (J)
1/30/2023		0.0017 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	0.0007 (J)	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0013 (J)	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	0.0022 (J)	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	0.00075 (J)	
9/30/2019	<0.005	
3/26/2020	0.0011 (J)	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		0.0009 (J)
8/8/2022		0.00092 (J)
1/30/2023		0.00082 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	0.0032	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	0.0032	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0026	
9/8/2014	0.0017 (J)	
4/21/2015	0.0016 (J)	
9/29/2015	0.0055	
3/22/2016	<0.005	
9/7/2016	0.0014 (J)	
3/24/2017	0.0017 (J)	
10/4/2017	0.0023 (J)	
3/15/2018	0.0024 (J)	
10/4/2018	0.0013 (J)	
4/8/2019	0.00089 (J)	
9/30/2019	0.0013 (J)	
3/26/2020	0.00096 (J)	
9/23/2020	0.00091 (J)	
3/8/2021	<0.005	
8/9/2021	0.001 (J)	
2/4/2022		0.00087 (J)
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	0.0023 (J)	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/3/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/10/2014	0.0013 (J)	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	0.0009 (J)	
3/27/2017	0.0006 (J)	
10/5/2017	0.0008 (J)	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.0015 (J)	
3/30/2020	0.00048 (J)	
9/24/2020	0.0011 (J)	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		0.00078 (J)
8/9/2022		0.00074 (J)
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/4/2008	<0.005	
4/14/2009	<0.005	
10/2/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/5/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	0.00072 (J)	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0062 (J)	
10/5/2017	0.0005 (J)	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/28/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/10/2014	0.00074 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	0.0006 (J)	
10/5/2017	<0.005	
3/16/2018	<0.005	
10/5/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/10/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	0.0055	
11/7/2007	0.0044	
5/7/2008	0.0047	
12/5/2008	<0.005	
4/27/2009	0.0027	
9/30/2009	0.0051	
4/13/2010	0.0031	
10/12/2010	<0.005	
10/5/2011	0.0032	
4/10/2012	<0.005	
9/26/2012	0.0063	
3/13/2013	0.0029	
9/11/2013	0.0046	
3/11/2014	0.002 (J)	
9/9/2014	0.0029	
9/30/2015	0.0025 (J)	
3/24/2016	0.00317 (J)	
9/8/2016	0.0038 (J)	
3/27/2017	0.0024 (J)	
10/5/2017	0.0104	
3/15/2018	0.0026 (J)	
10/4/2018	0.012	
12/11/2018	0.0052 (J)	
4/9/2019	0.0048 (J)	
10/1/2019	0.0031 (J)	
3/31/2020	0.0039 (J)	
9/24/2020	0.0068	
3/9/2021	0.0013 (J)	
8/10/2021	0.0076	
2/7/2022		0.0055
8/9/2022		0.0053
1/31/2023		0.005 (J)

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.00059 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/12/2011	<0.005	
4/9/2012	<0.005	
9/19/2012	<0.005	
3/13/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	0.0016 (J)	
9/3/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	0.0011 (J)	
3/27/2017	0.0007 (J)	
10/5/2017	<0.005	
3/15/2018	0.001 (J)	
10/5/2018	0.0014 (J)	
4/8/2019	0.0011 (J)	
10/1/2019	0.0035 (J)	
3/26/2020	0.001 (J)	
9/23/2020	0.00079 (J)	
3/9/2021	<0.005	
8/10/2021	0.0008 (J)	
2/7/2022		0.00084 (J)
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.001 (J)	
9/9/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	0.0008 (J)	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	0.00098 (J)	
10/1/2019	0.00088 (J)	
3/31/2020	0.0013 (J)	
9/25/2020	0.00078 (J)	
3/9/2021	<0.005	
8/10/2021	0.00085 (J)	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/6/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/18/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/5/2014	0.00092 (J)	
9/8/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/16/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00032 (J)	
10/1/2019	0.00042 (J)	
3/31/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	18 (o)	
7/6/2007	5.9 (o)	
8/28/2007	3.9 (o)	
11/6/2007	3.1 (o)	
5/8/2008	2.1 (o)	
12/2/2008	1.2	
4/8/2009	1.1	
10/1/2009	0.88	
4/13/2010	0.82	
10/7/2010	0.72	
4/5/2011	0.52	
10/4/2011	0.56	
4/3/2012	0.365	
9/18/2012	0.45	
3/12/2013	0.13	
9/10/2013	0.2	
3/5/2014	0.17	
9/8/2014	0.25	
4/21/2015	0.15	
9/29/2015	0.203	
3/23/2016	0.0607	
9/7/2016	0.141	
3/24/2017	0.0313	
10/4/2017	0.093	
3/15/2018	0.057	
10/4/2018	0.11	
4/8/2019	0.03	
10/1/2019	0.07	
3/30/2020	0.037	
9/24/2020	0.042	
3/9/2021	0.035	
8/10/2021	0.057	
2/4/2022		0.039
8/10/2022		0.061
1/31/2023		0.11

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.00079 (J)	
9/9/2014	<0.005	
4/22/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
9/8/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00064 (J)	
10/1/2019	0.00063 (J)	
3/27/2020	0.00053 (J)	
9/24/2020	0.001 (J)	
3/9/2021	<0.005	
8/10/2021	0.0073	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	0.003	
3/5/2014	0.0022 (J)	
9/3/2014	<0.01	
4/21/2015	0.0019 (J)	
9/29/2015	0.0019 (J)	
3/23/2016	<0.01	
9/8/2016	0.0023 (J)	
3/27/2017	0.0023 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	0.0023 (J)	
10/5/2018	0.0025 (J)	
4/8/2019	0.0021 (J)	
10/1/2019	0.0022 (J)	
3/27/2020	0.0022 (J)	
9/24/2020	0.0024 (J)	
3/9/2021	0.0014 (J)	
8/10/2021	0.0019 (J)	
2/4/2022		0.0018 (J)
8/9/2022		0.0018 (J)
1/31/2023		0.002 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/7/2016	<0.005	
1/31/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/5/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/1/2017	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	0.00014 (J)	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	0.0016 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/17/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/18/2016	<0.005	
12/6/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/25/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.0024 (J)	
9/9/2014	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	0.0017 (J)	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/14/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
4/6/2011	<0.005	
10/5/2011	<0.005	
4/9/2012	<0.005	
9/25/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	0.0017 (J)	
9/9/2014	<0.005	
4/23/2015	<0.005	
9/30/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/7/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	0.0014 (J)	
3/31/2020	<0.005	
9/23/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.005	
5/8/2007	<0.005	
7/6/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/13/2010	<0.005	
4/5/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/5/2014	0.0018 (J)	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/23/2016	<0.005	
5/18/2016	<0.005	
7/6/2016	<0.005	
9/8/2016	<0.005	
10/19/2016	<0.005	
12/8/2016	<0.005	
2/2/2017	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/5/2018	<0.005	
4/8/2019	<0.005	
10/1/2019	<0.005	
3/27/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/10/2011	<0.005	
4/3/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/11/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/7/2007	<0.005	
5/9/2008	<0.005	
12/2/2008	<0.005	
4/8/2009	<0.005	
10/1/2009	<0.005	
4/14/2010	<0.005	
10/13/2010	<0.005	
4/6/2011	<0.005	
10/4/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/22/2020	<0.005	
3/8/2021	<0.005	
8/10/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.005	
5/8/2007	<0.005	
7/7/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/9/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/1/2009	<0.005	
4/13/2010	<0.005	
10/7/2010	<0.005	
4/6/2011	<0.005	
10/6/2011	<0.005	
4/3/2012	<0.005	
9/19/2012	<0.005	
3/12/2013	<0.005	
9/9/2013	<0.005	
3/4/2014	<0.005	
9/3/2014	<0.005	
4/22/2015	<0.005	
9/30/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/14/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/21/2020	<0.005	
3/9/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/26/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/23/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/5/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.005	
5/8/2007	<0.005	
7/17/2007	<0.005	
8/28/2007	<0.005	
11/6/2007	<0.005	
5/8/2008	<0.005	
12/3/2008	<0.005	
4/7/2009	<0.005	
10/2/2009	<0.005	
4/14/2010	<0.005	
10/14/2010	<0.005	
4/5/2011	<0.005	
10/12/2011	<0.005	
4/4/2012	<0.005	
9/24/2012	<0.005	
3/12/2013	<0.005	
9/10/2013	<0.005	
3/11/2014	<0.005	
9/8/2014	<0.005	
4/21/2015	<0.005	
9/29/2015	<0.005	
3/22/2016	<0.005	
9/7/2016	<0.005	
3/24/2017	<0.005	
10/4/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/8/2019	<0.005	
9/30/2019	<0.005	
3/26/2020	<0.005	
9/23/2020	<0.005	
3/8/2021	<0.005	
8/9/2021	<0.005	
2/4/2022		<0.005
8/8/2022		<0.005
1/30/2023		<0.005

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.005	
5/9/2007	<0.005	
7/17/2007	<0.005	
8/29/2007	<0.005	
11/7/2007	<0.005	
5/7/2008	<0.005	
12/5/2008	<0.005	
4/27/2009	0.0036	
9/30/2009	<0.005	
4/13/2010	<0.005	
10/12/2010	<0.005	
10/5/2011	<0.005	
4/10/2012	<0.005	
9/26/2012	<0.005	
3/13/2013	<0.005	
9/11/2013	<0.005	
3/11/2014	<0.005	
9/9/2014	<0.005	
9/30/2015	<0.005	
3/24/2016	<0.005	
9/8/2016	<0.005	
3/27/2017	<0.005	
10/5/2017	<0.005	
3/15/2018	<0.005	
10/4/2018	<0.005	
4/9/2019	<0.005	
10/1/2019	<0.005	
3/31/2020	<0.005	
9/24/2020	<0.005	
3/9/2021	<0.005	
8/10/2021	<0.005	
2/7/2022		<0.005
8/9/2022		<0.005
1/31/2023		<0.005

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/10/2011	<0.001	
4/3/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		0.00022 (J)

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/7/2007	<0.001	
5/9/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/14/2010	<0.001	
10/13/2010	<0.001	
4/6/2011	<0.001	
10/4/2011	<0.001	
4/10/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
10/5/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/22/2020	<0.001	
3/8/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.001	
5/8/2007	<0.001	
7/7/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/9/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/6/2011	<0.001	
10/6/2011	<0.001	
4/3/2012	<0.001	
9/19/2012	<0.001	
3/12/2013	<0.001	
3/4/2014	<0.001	
9/3/2014	<0.001	
4/21/2015	<0.001	
9/30/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/7/2016	<0.001	
1/31/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/14/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/21/2020	<0.001	
3/9/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/26/2012	<0.001	
3/12/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/5/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/23/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/5/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.001	
5/8/2007	<0.001	
7/17/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/3/2008	<0.001	
4/7/2009	<0.001	
10/2/2009	<0.001	
4/14/2010	<0.001	
10/14/2010	<0.001	
4/5/2011	<0.001	
10/12/2011	<0.001	
4/4/2012	<0.001	
9/24/2012	<0.001	
3/12/2013	<0.001	
3/11/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/22/2016	<0.001	
5/17/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/6/2016	<0.001	
2/1/2017	<0.001	
3/24/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
9/30/2019	<0.001	
3/26/2020	<0.001	
9/23/2020	<0.001	
3/8/2021	<0.001	
8/9/2021	<0.001	
2/4/2022		<0.001
8/8/2022		<0.001
1/30/2023		<0.001

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	<0.001	
7/6/2007	<0.001	
8/28/2007	<0.001	
11/6/2007	<0.001	
5/8/2008	<0.001	
12/2/2008	<0.001	
4/8/2009	<0.001	
10/1/2009	<0.001	
4/13/2010	<0.001	
10/7/2010	<0.001	
4/5/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
9/18/2012	<0.001	
3/12/2013	<0.001	
3/5/2014	<0.001	
9/8/2014	<0.001	
4/21/2015	<0.001	
9/29/2015	<0.001	
3/23/2016	<0.001	
5/18/2016	<0.001	
7/6/2016	0.0001 (J)	
9/7/2016	<0.001	
10/18/2016	<0.001	
12/8/2016	<0.001	
2/2/2017	<0.001	
3/24/2017	<0.001	
10/4/2017	<0.001	
3/15/2018	<0.001	
10/4/2018	<0.001	
4/8/2019	<0.001	
10/1/2019	<0.001	
3/30/2020	<0.001	
9/24/2020	<0.001	
3/9/2021	<0.001	
8/10/2021	<0.001	
2/4/2022		<0.001
8/10/2022		<0.001
1/31/2023		<0.001

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/10/2011	<0.01	
4/3/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/11/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	0.0019 (J)	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		0.0022 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/22/2020	<0.01	
3/8/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/6/2011	<0.01	
10/6/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	<0.01	
4/22/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/21/2020	<0.01	
3/9/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/2/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/8/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/5/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/2/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/8/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
9/30/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/27/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/5/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/11/2014	<0.01	
9/9/2014	0.0029 (J)	
9/30/2015	0.001 (J)	
3/24/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	<0.01	
3/31/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	<0.01	
9/3/2014	<0.01	
4/23/2015	<0.01	
9/30/2015	<0.01	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/5/2018	<0.01	
4/8/2019	0.00017 (J)	
10/1/2019	<0.01	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/8/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/9/2014	0.00093 (J)	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/16/2018	<0.01	
10/4/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	<0.01	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	0.0039	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/5/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.01	
9/18/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/8/2014	0.0012 (J)	
4/21/2015	0.0015 (J)	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/24/2017	<0.01	
10/4/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	<0.01	
4/8/2019	<0.01	
10/1/2019	<0.01	
3/30/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/10/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	0.0029	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	<0.01	
9/3/2014	<0.01	
4/21/2015	<0.01	
9/29/2015	<0.01	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/5/2018	<0.01	
4/8/2019	<0.01	
10/1/2019	<0.01	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	0.0028	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/10/2011	<0.01	
4/3/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/11/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.001 (J)	
4/21/2015	<0.01	
9/30/2015	<0.01	
3/22/2016	<0.01	
9/7/2016	0.0047 (J)	
3/23/2017	<0.01	
10/4/2017	<0.01	
3/14/2018	0.0032 (J)	
10/4/2018	0.003 (J)	
4/8/2019	<0.01	
9/30/2019	0.0032 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/7/2007	<0.01	
5/8/2007	0.0025	
7/17/2007	0.0047	
8/28/2007	0.0033	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	<0.01	
9/3/2014	0.00074 (J)	
4/21/2015	<0.01	
9/29/2015	0.0024 (J)	
3/22/2016	<0.01	
9/7/2016	0.0023 (J)	
3/24/2017	0.0068 (J)	
10/5/2017	<0.01	
3/15/2018	0.0042 (J)	
10/4/2018	0.0046 (J)	
4/8/2019	0.0024 (J)	
9/30/2019	0.004 (J)	
3/26/2020	<0.01	
9/22/2020	<0.01	
3/8/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/6/2007	<0.01	
5/8/2007	<0.01	
7/7/2007	<0.01	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/9/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/7/2010	<0.01	
4/6/2011	<0.01	
10/6/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/4/2014	0.0035	
9/3/2014	0.0015 (J)	
4/22/2015	<0.01	
9/30/2015	0.0026 (J)	
3/22/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	<0.01	
10/4/2017	0.0017 (J)	
3/14/2018	0.0023 (J)	
10/4/2018	0.0041 (J)	
4/8/2019	0.0014 (J)	
9/30/2019	0.0043 (J)	
3/26/2020	<0.01	
9/21/2020	<0.01	
3/9/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	0.0033	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	0.0033	
12/3/2008	0.0054	
4/7/2009	<0.01	
10/2/2009	<0.01	
4/14/2010	0.003	
10/14/2010	<0.01	
4/5/2011	<0.01	
10/12/2011	<0.01	
4/4/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	0.0037	
9/8/2014	0.00087 (J)	
4/21/2015	0.002 (J)	
9/29/2015	0.0021 (J)	
3/22/2016	<0.01	
9/7/2016	0.0034 (J)	
3/23/2017	0.0031 (J)	
10/4/2017	<0.01	
3/15/2018	0.0028 (J)	
10/4/2018	0.0043 (J)	
4/5/2019	0.0013 (J)	
9/30/2019	0.0045 (J)	
3/26/2020	<0.01	
9/23/2020	<0.01	
3/8/2021	<0.01	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/6/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/8/2008	0.0037	
12/3/2008	0.003	
4/7/2009	0.0045	
10/2/2009	0.0027	
4/14/2010	<0.01	
10/14/2010	0.0041	
4/5/2011	<0.01	
10/12/2011	0.0033	
4/4/2012	<0.01	
9/24/2012	0.0039	
3/12/2013	<0.01	
9/10/2013	0.0035	
3/11/2014	0.0045	
9/8/2014	0.0026	
4/21/2015	0.0028	
9/29/2015	0.008 (J)	
3/22/2016	<0.01	
9/7/2016	0.0035 (J)	
3/24/2017	0.0095 (J)	
10/4/2017	0.0031 (J)	
3/15/2018	0.0041 (J)	
10/4/2018	0.0058 (J)	
4/8/2019	0.0023 (J)	
9/30/2019	0.0059 (J)	
3/26/2020	<0.01	
9/23/2020	0.0025 (J)	
3/8/2021	0.0034 (J)	
8/9/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/7/2007	<0.01	
5/8/2007	<0.01	
7/17/2007	0.0069	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/9/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/4/2011	<0.01	
4/10/2012	<0.01	
9/26/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/4/2014	0.0026	
9/3/2014	0.00079 (J)	
4/21/2015	<0.01	
9/30/2015	0.0018 (J)	
3/23/2016	<0.01	
9/7/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.0033 (J)	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/27/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/30/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/7/2007	<0.01	
5/9/2007	0.0026	
7/17/2007	0.0043	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/3/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/10/2014	0.0022 (J)	
9/3/2014	0.0013 (J)	
4/22/2015	0.0019 (J)	
9/30/2015	0.0037 (J)	
3/24/2016	<0.01	
9/8/2016	0.0024 (J)	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/16/2018	<0.01	
10/5/2018	0.0029 (J)	
4/9/2019	0.0037 (J)	
10/1/2019	0.006 (J)	
3/30/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/6/2007	<0.01	
5/9/2007	0.0025	
7/17/2007	0.0035	
8/28/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/4/2008	<0.01	
4/14/2009	<0.01	
10/2/2009	<0.01	
4/13/2010	0.0043	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/5/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0031	
9/9/2014	0.00098 (J)	
4/22/2015	0.0015 (J)	
9/30/2015	0.002 (J)	
3/24/2016	<0.01	
9/8/2016	0.0029 (J)	
3/27/2017	0.0019 (J)	
10/5/2017	0.0024 (J)	
3/15/2018	<0.01	
10/4/2018	0.013	
4/9/2019	<0.01	
10/1/2019	0.0049 (J)	
3/31/2020	<0.01	
9/28/2020	0.0033 (J)	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/10/2014	0.0024 (J)	
9/9/2014	0.00078 (J)	
4/23/2015	<0.01	
9/30/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0017 (J)	
10/5/2017	0.0016 (J)	
3/16/2018	<0.01	
10/5/2018	<0.01	
4/9/2019	<0.01	
10/1/2019	0.0063 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/10/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/6/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	0.0031	
8/29/2007	0.0056	
11/7/2007	0.0059	
5/7/2008	0.0059	
12/5/2008	<0.01	
4/27/2009	0.0051	
9/30/2009	0.0066	
4/13/2010	0.0041	
10/12/2010	0.004	
10/5/2011	0.0043	
4/10/2012	0.0108	
9/26/2012	0.0066	
3/13/2013	0.0035	
9/11/2013	0.005	
3/11/2014	0.005	
9/9/2014	0.0041	
9/30/2015	0.0031 (J)	
3/24/2016	0.00393 (J)	
9/8/2016	0.0047 (J)	
3/27/2017	0.0036 (J)	
10/5/2017	0.0065 (J)	
3/15/2018	0.0053 (J)	
10/4/2018	0.0077 (J)	
4/9/2019	0.0041 (J)	
10/1/2019	0.0078 (J)	
3/31/2020	<0.01	
9/24/2020	0.0046 (J)	
3/9/2021	0.0033 (J)	
8/10/2021	<0.01	
2/7/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/6/2007	<0.01	
5/9/2007	0.0035	
7/17/2007	<0.01	
8/29/2007	<0.01	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/12/2010	<0.01	
4/6/2011	<0.01	
10/5/2011	<0.01	
4/9/2012	<0.01	
9/25/2012	<0.01	
3/13/2013	<0.01	
9/11/2013	<0.01	
3/11/2014	0.0037	
9/9/2014	0.0006 (J)	
4/23/2015	<0.01	
9/30/2015	0.0021 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	<0.01	
10/5/2017	<0.01	
3/15/2018	<0.01	
10/4/2018	0.003 (J)	
4/9/2019	<0.01	
10/1/2019	0.0054 (J)	
3/31/2020	<0.01	
9/23/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/6/2007	0.0054	
5/9/2007	0.0041	
7/17/2007	0.005	
8/29/2007	0.0044	
11/7/2007	<0.01	
5/7/2008	<0.01	
12/5/2008	<0.01	
4/14/2009	<0.01	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/13/2010	<0.01	
4/6/2011	<0.01	
10/12/2011	<0.01	
4/9/2012	<0.01	
9/19/2012	<0.01	
3/13/2013	<0.01	
9/10/2013	<0.01	
3/11/2014	0.0033	
9/3/2014	0.0014 (J)	
4/23/2015	0.0024 (J)	
9/30/2015	0.0041 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	0.0014 (J)	
3/15/2018	0.0039 (J)	
10/5/2018	0.0048 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0057 (J)	
3/26/2020	<0.01	
9/23/2020	0.0022 (J)	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/7/2022		<0.01
8/8/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/7/2007	0.0064	
5/8/2007	<0.01	
7/6/2007	<0.01	
8/28/2007	0.0025	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	0.0025	
10/1/2009	<0.01	
4/14/2010	<0.01	
10/14/2010	<0.01	
4/5/2011	0.0025	
10/12/2011	0.0037	
4/4/2012	<0.01	
9/24/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0028	
9/9/2014	0.00058 (J)	
4/21/2015	0.0043	
9/29/2015	0.0031 (J)	
3/23/2016	0.00272 (J)	
9/7/2016	<0.01	
3/23/2017	0.0026 (J)	
10/4/2017	<0.01	
3/16/2018	<0.01	
10/4/2018	0.0028 (J)	
4/9/2019	<0.01	
10/1/2019	0.0053 (J)	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/7/2007	<0.01	
5/9/2007	<0.01	
7/17/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/3/2008	<0.01	
4/7/2009	<0.01	
10/1/2009	<0.01	
4/13/2010	<0.01	
10/6/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/18/2012	<0.01	
3/12/2013	<0.01	
9/9/2013	<0.01	
3/5/2014	0.0026	
9/8/2014	0.00055 (J)	
4/22/2015	<0.01	
9/29/2015	0.0026 (J)	
3/23/2016	<0.01	
9/7/2016	0.0024 (J)	
3/23/2017	0.0035 (J)	
10/4/2017	<0.01	
3/16/2018	0.0029 (J)	
10/4/2018	0.0039 (J)	
4/8/2019	0.0013 (J)	
10/1/2019	0.0056 (J)	
3/31/2020	<0.01	
9/25/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/8/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
5/9/2007	45 (o)	
7/6/2007	16 (o)	
8/28/2007	11 (o)	
11/6/2007	8.3	
5/8/2008	5	
12/2/2008	3.2	
4/8/2009	2.4	
10/1/2009	1.9	
4/13/2010	1.9	
10/7/2010	1.6	
4/5/2011	1.1	
10/4/2011	1.1	
4/3/2012	0.75	
9/18/2012	0.88	
3/12/2013	0.23	
9/10/2013	0.36	
3/5/2014	0.33	
9/8/2014	0.47	
4/21/2015	0.27	
9/29/2015	0.359	
3/23/2016	0.102	
9/7/2016	0.24	
3/24/2017	0.0512	
10/4/2017	0.159	
3/15/2018	0.12	
10/4/2018	0.22	
4/8/2019	0.051	
10/1/2019	0.12	
3/30/2020	0.051	
9/24/2020	0.07	
3/9/2021	0.057	
8/10/2021	0.093	
2/4/2022		0.07
8/10/2022		0.082
1/31/2023		0.19

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
5/9/2007	0.0038	
7/6/2007	<0.01	
8/28/2007	<0.01	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0028	
9/9/2014	0.0014 (J)	
4/22/2015	<0.01	
9/29/2015	0.0016 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/24/2017	0.0031 (J)	
10/5/2017	<0.01	
3/14/2018	0.0053 (J)	
10/4/2018	0.0031 (J)	
4/8/2019	0.0012 (J)	
10/1/2019	0.0055 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/5/2023 5:32 PM View: Appendix I - ND
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/7/2007	<0.01	
5/8/2007	0.0027	
7/6/2007	0.0032	
8/28/2007	0.0026	
11/6/2007	<0.01	
5/8/2008	<0.01	
12/2/2008	<0.01	
4/8/2009	<0.01	
9/30/2009	<0.01	
4/13/2010	<0.01	
10/13/2010	<0.01	
4/5/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
9/19/2012	<0.01	
3/12/2013	<0.01	
9/10/2013	<0.01	
3/5/2014	0.0029	
9/3/2014	0.0011 (J)	
4/21/2015	<0.01	
9/29/2015	0.0034 (J)	
3/23/2016	<0.01	
9/8/2016	<0.01	
3/27/2017	0.0014 (J)	
10/5/2017	0.0013 (J)	
3/15/2018	<0.01	
10/5/2018	0.0044 (J)	
4/8/2019	0.0016 (J)	
10/1/2019	0.0052 (J)	
3/27/2020	<0.01	
9/24/2020	<0.01	
3/9/2021	<0.01	
8/10/2021	<0.01	
2/4/2022		<0.01
8/9/2022		<0.01
1/31/2023		<0.01

FIGURE E.

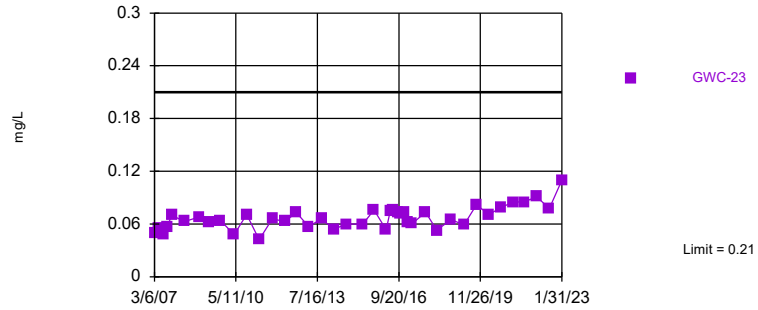
Appendix I - Interwell Prediction Limits - All Result (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/3/2023, 2:03 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg.N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	GWC-23	0.21	n/a	1/31/2023	0.11	No	205	n/a	n/a	0	n/a	n/a	0.00004912	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 205 background values. Annual per-constituent alpha = 0.001178. Individual comparison alpha = 0.00004912 (1 of 2). Assumes 11 future values.

Constituent: Barium Analysis Run 4/2/2023 7:20 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/2/2023 7:27 PM View: Appendix I - Exceedances

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWC-23	GWA-11 (bg)
3/6/2007	0.032	0.13	0.17	0.12	0.05	
3/7/2007						0.03
5/8/2007	0.04	0.12	0.21	0.11		0.032
5/9/2007					0.055	
7/7/2007	0.041			0.11		
7/17/2007		0.12	0.21		0.048	0.028
8/28/2007	0.044	0.13	0.2	0.13		0.03
8/29/2007					0.056	
11/6/2007	0.044	0.12	0.19	0.12		
11/7/2007					0.07	0.032
5/7/2008					0.063	
5/8/2008		0.13	0.2			
5/9/2008	0.03			0.12		0.032
12/2/2008						0.036
12/3/2008	0.047	0.14	0.18	0.12		
12/5/2008					0.068	
4/7/2009	0.032	0.097	0.2	0.13		
4/8/2009						0.04
4/14/2009					0.062	
10/1/2009	0.043			0.14	0.064	0.039
10/2/2009		0.11	0.2			
4/13/2010				0.15		
4/14/2010	0.032	0.059	0.2		0.048	0.041
10/7/2010				0.16		
10/13/2010	0.046				0.071	0.039
10/14/2010		0.053	0.18			
4/5/2011		0.042	0.16			
4/6/2011	0.034			0.14	0.042	0.034
10/4/2011						0.032
10/6/2011				0.16		
10/10/2011	0.038					
10/12/2011		0.048	0.15		0.066	
4/3/2012	0.0363			0.165		
4/4/2012		0.044	0.165			
4/9/2012					0.0628	
4/10/2012						0.0425
9/19/2012				0.16	0.073	
9/24/2012	0.041	0.048				
9/26/2012			0.17			0.035
3/12/2013	0.041	0.043	0.17	0.16		0.035
3/13/2013					0.057	
9/9/2013				0.17		
9/10/2013		0.042	0.18		0.066	0.035
9/11/2013	0.048					
3/4/2014	0.036			0.16		0.031
3/11/2014		0.04	0.17		0.054	
9/3/2014	0.04			0.17	0.06	0.033
9/8/2014		0.042	0.16			
4/21/2015	0.033	0.05	0.16			0.03
4/22/2015				0.17		
4/23/2015					0.06	
9/29/2015		0.044	0.14			0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/2/2023 7:27 PM View: Appendix I - Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWC-23	GWA-11 (bg)
9/30/2015	0.042			0.15	0.076	
3/22/2016	0.0326	0.0397	0.188	0.197		0.0327
3/23/2016					0.0533	
5/17/2016	0.0387	0.0351	0.193	0.178		0.0323
5/19/2016					0.074	
7/5/2016	0.0403		0.172	0.182		
7/6/2016		0.0475				0.0344
7/7/2016					0.0766	
9/7/2016	0.0413	0.0415	0.164	0.172		0.0324
9/8/2016					0.0726	
10/18/2016	0.0409	0.0424	0.138	0.174		0.0311
10/19/2016					0.072	
12/6/2016	0.0408	0.0528	0.149			0.0311
12/7/2016				0.167	0.0732	
1/31/2017	0.0435			0.176		
2/1/2017		0.0482	0.121			0.0332
2/3/2017					0.0619	
3/23/2017	0.038		0.143	0.157		
3/24/2017		0.0595				0.032
3/27/2017					0.0602	
10/4/2017	0.0396	0.0486	0.139	0.143		
10/5/2017					0.0734	0.0325
3/14/2018	0.039			0.17		
3/15/2018		0.04	0.17		0.053	0.031
10/4/2018	0.039	0.05	0.16	0.18		0.033
10/5/2018					0.065	
4/5/2019			0.13			
4/8/2019	0.031	0.047		0.15	0.059	0.031
9/30/2019	0.042	0.051	0.14	0.17		0.03
10/1/2019					0.082	
3/26/2020	0.032	0.049	0.14	0.16	0.071	0.031
9/21/2020				0.18		
9/22/2020						0.031
9/23/2020	0.041	0.043	0.14		0.079	
3/8/2021	0.035	0.052	0.12			0.031
3/9/2021				0.17	0.085	
8/9/2021	0.046	0.034	0.12	0.19		
8/10/2021					0.085	0.03
2/4/2022	0.038	0.037	0.081	0.18		0.031
2/7/2022					0.091	
8/8/2022	0.04	0.04	0.1	0.18	0.078	0.029
1/30/2023	0.037	0.037	0.07	0.2		0.03
1/31/2023					0.11	

FIGURE F.

Appendix I - Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/2/2023, 8:02 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>
Barium (mg/L)	GWA-11 (bg)	-0.0002519	-2.852	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003856	5.566	2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.005786	-6.132	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002509	-4.026	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001661	4.09	2.58	Yes	41	0	n/a	n/a	0.01	NP

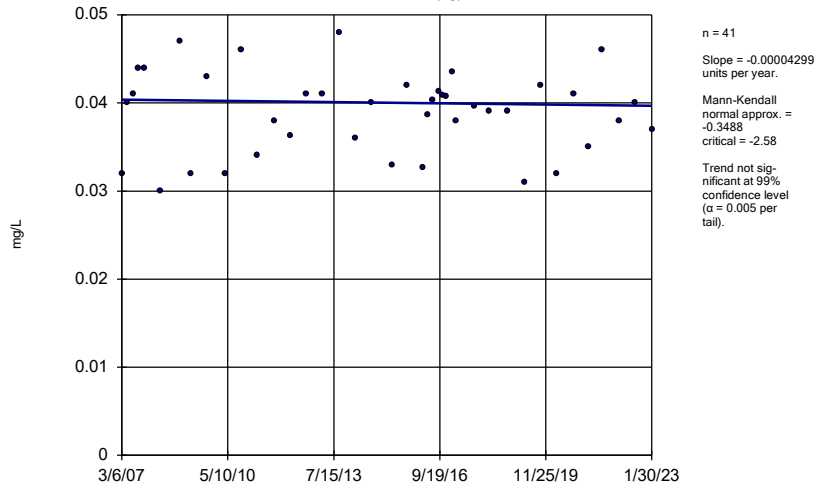
Appendix I - Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/2/2023, 8:02 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>
Barium (mg/L)	GWA-1 (bg)	-0.00004299	-0.3488	-2.58	No	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-11 (bg)	-0.0002519	-2.852	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.003856	5.566	2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	-0.005786	-6.132	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-4 (bg)	-0.002509	-4.026	-2.58	Yes	41	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-23	0.001661	4.09	2.58	Yes	41	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

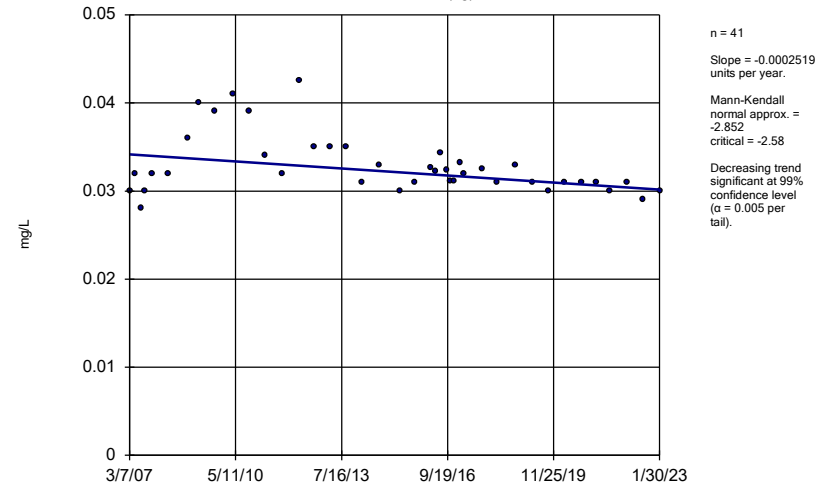
GWA-1 (bg)



Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

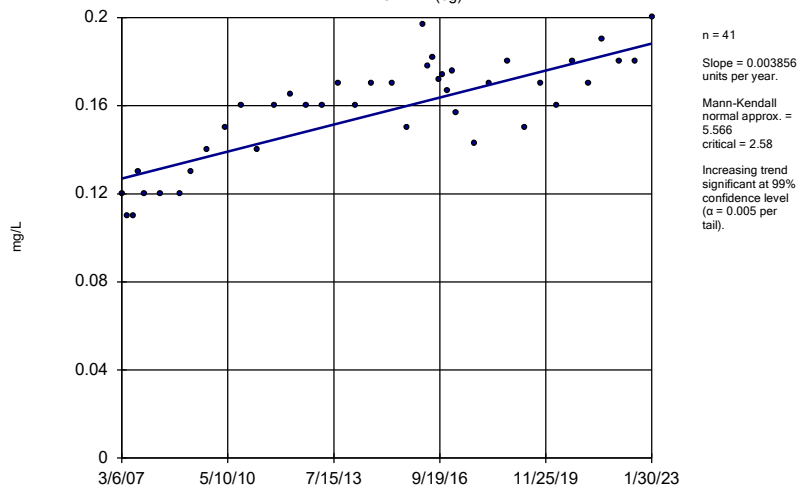
GWA-11 (bg)



Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

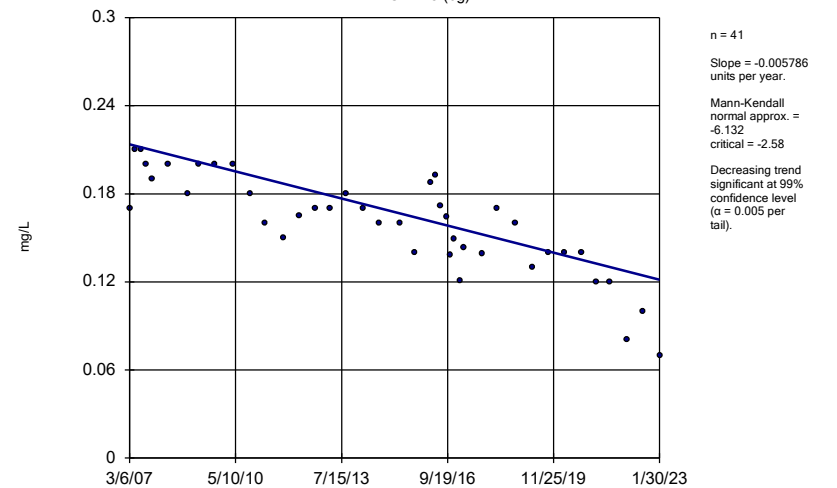
GWA-2 (bg)



Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

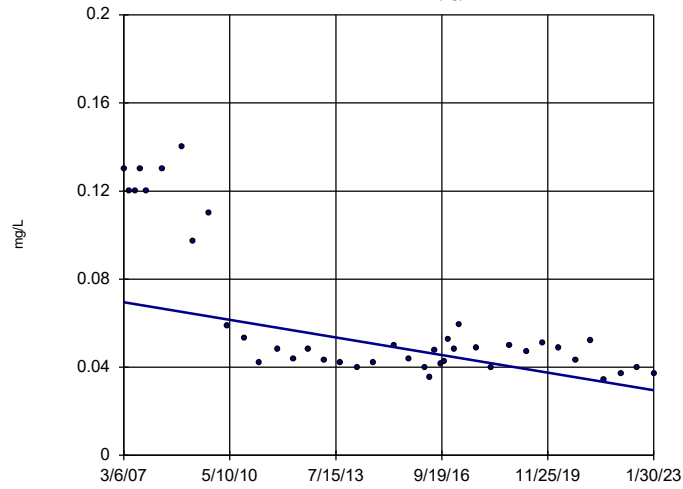
GWA-3 (bg)



Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

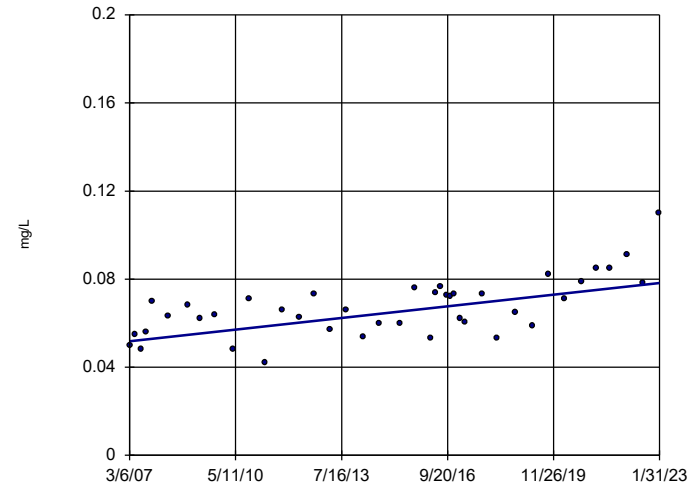


n = 41
Slope = -0.002509
units per year.
Mann-Kendall
normal approx. =
-4.026
critical = -2.58
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-23



n = 41
Slope = 0.001661
units per year.
Mann-Kendall
normal approx. =
4.09
critical = 2.58
Increasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Barium Analysis Run 4/2/2023 8:02 PM View: Appendix I - Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

FIGURE G.

Appendix III - Intrawell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq.N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-23	53.47	n/a	1/31/2023	58.3	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	1/31/2023	22.8	Yes	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	1/31/2023	284	Yes	16	202.1	18.8	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	1/31/2023	329	Yes	17	237.4	30.3	0	None	No	0.0006269	Param Intra 1 of 2

Appendix III - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-1	0.05	n/a	1/30/2023	0.026J	No	17	n/a	n/a	11.76	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWA-11	0.04333	n/a	1/30/2023	0.038J	No	17	0.03634	0.002879	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-2	0.1026	n/a	1/30/2023	0.086	No	17	0.08614	0.006798	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-3	0.1862	n/a	1/30/2023	0.094	No	17	0.1478	0.01583	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWA-4	0.1386	n/a	1/30/2023	0.058	No	17	0.09064	0.01974	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.04341	n/a	1/30/2023	0.038J	No	17	0.03398	0.003885	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-18	0.1513	n/a	1/31/2023	0.12	No	17	0.13	0.008789	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-19	0.2063	n/a	1/31/2023	0.13	No	17	0.1738	0.01337	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-20	0.05	n/a	1/31/2023	0.015J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-21	0.1228	n/a	1/31/2023	0.013J	No	17	0.3332	0.06753	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-22	0.08087	n/a	1/31/2023	0.052	No	17	0.06702	0.00571	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-23	0.0809	n/a	1/31/2023	0.06	No	16	0.1789	0.04295	6.25	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-5	0.08192	n/a	1/31/2023	0.043	No	17	0.05951	0.009236	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.04728	n/a	1/31/2023	0.037J	No	18	0.03999	0.003041	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-7	0.07297	n/a	1/31/2023	0.025J	No	17	0.05303	0.008219	0	None	No	0.0006269	Param Intra 1 of 2
Boron (mg/L)	GWC-8	0.088	n/a	1/31/2023	0.029J	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Boron (mg/L)	GWC-9	0.05	n/a	1/31/2023	0.012J	No	17	n/a	n/a	5.882	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-1	20.89	n/a	1/30/2023	15.8	No	17	16.2	1.932	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-11	26.42	n/a	1/30/2023	20.4	No	17	20.14	2.587	5.882	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-2	52.85	n/a	1/30/2023	46.8	No	17	43.1	4.018	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-3	90.64	n/a	1/30/2023	53.1	No	17	75.75	6.137	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWA-4	122.6	n/a	1/30/2023	73.6	No	17	86.21	14.99	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-10	60.32	n/a	1/30/2023	43.7	No	19	40.93	8.193	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	49.06	n/a	1/31/2023	40.4	No	18	40.94	3.386	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	51.43	n/a	1/31/2023	42.5	No	18	44.52	2.882	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	68.63	n/a	1/31/2023	62	No	18	55.11	5.638	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-21	94.52	n/a	1/31/2023	16.2	No	19	48.75	19.33	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-22	52.63	n/a	1/31/2023	43.8	No	17	47.89	1.955	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-23	53.47	n/a	1/31/2023	58.3	Yes	17	39.06	5.938	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-5	91.67	n/a	1/31/2023	75.5	No	17	75.27	6.759	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	75.59	n/a	1/31/2023	62.5	No	17	64.12	4.724	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	73.87	n/a	1/31/2023	19	No	17	39.29	14.25	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-8	107.1	n/a	1/31/2023	69.2	No	19	68.9	16.13	0	None	No	0.0006269	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	39.64	n/a	1/31/2023	34.1	No	17	35.42	1.737	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-1	1.619	n/a	1/30/2023	1.1	No	17	0.1658	0.1303	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-11	2.058	n/a	1/30/2023	1.2	No	17	1.43	0.2592	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	3.046	n/a	1/30/2023	2.2	No	17	2.365	0.2806	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-3	5.301	n/a	1/30/2023	1.2	No	17	3.626	0.6902	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWA-4	10.38	n/a	1/30/2023	3.4	No	17	5.864	1.863	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	2.237	n/a	1/30/2023	1.3	No	19	1.512	0.3062	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	1.802	n/a	1/31/2023	0.8J	No	17	1.711	0.6329	0	None	x^2	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	2.623	n/a	1/31/2023	1.2	No	17	1.764	0.3539	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.379	n/a	1/31/2023	1.1	No	18	1.577	0.3346	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-21	3.92	n/a	1/31/2023	1.5	No	18	2.504	0.5908	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-22	2.086	n/a	1/31/2023	1	No	17	1.436	0.2681	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-23	2.249	n/a	1/31/2023	0.5ND	No	17	1.397	0.3512	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-5	4.201	n/a	1/31/2023	2.1	No	17	2.822	0.5683	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	2.452	n/a	1/31/2023	1.7	No	17	1.86	0.2439	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	2.289	n/a	1/31/2023	1.7	No	17	1.612	0.2791	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-8	3.284	n/a	1/31/2023	1.6	No	19	2.034	0.5279	0	None	No	0.0006269	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	1.765	n/a	1/31/2023	0.72J	No	17	1.099	0.2742	0	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-1	0.1904	n/a	1/30/2023	0.11	No	17	0.1011	0.03681	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-11	0.1938	n/a	1/30/2023	0.09J	No	17	0.2673	0.07126	17.65	Kaplan-Meier	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-2	0.2383	n/a	1/30/2023	0.11	No	17	0.1233	0.04738	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-3	0.484	n/a	1/30/2023	0.12	No	17	0.2083	0.1136	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWA-4	0.4826	n/a	1/30/2023	0.12	No	17	0.4315	0.1085	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-10	0.1902	n/a	1/30/2023	0.096J	No	17	0.1044	0.03536	11.76	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-18	0.218	n/a	1/31/2023	0.15	No	17	0.1375	0.03319	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-19	0.2528	n/a	1/31/2023	0.14	No	17	0.1435	0.04503	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-20	0.1931	n/a	1/31/2023	0.094J	No	17	0.2872	0.06277	5.882	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-21	0.2126	n/a	1/31/2023	0.062J	No	17	0.08559	0.05234	23.53	Kaplan-Meier	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-22	0.151	n/a	1/31/2023	0.095J	No	17	0.08591	0.02682	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-23	0.1833	n/a	1/31/2023	0.11	No	17	0.1043	0.03254	5.882	None	No	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.33	n/a	1/31/2023	0.074J	No	17	n/a	n/a	17.65	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.3078	n/a	1/31/2023	0.098J	No	17	0.3089	0.1013	11.76	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-7	0.514	n/a	1/31/2023	0.26	No	17	0.6093	0.07904	0	None	x^(1/3)	0.0006269	Param Intra 1 of 2
Fluoride (mg/L)	GWC-8	0.4	n/a	1/31/2023	0.18	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-9	0.1716	n/a	1/31/2023	0.11	No	17	0.0917	0.03293	5.882	None	No	0.0006269	Param Intra 1 of 2

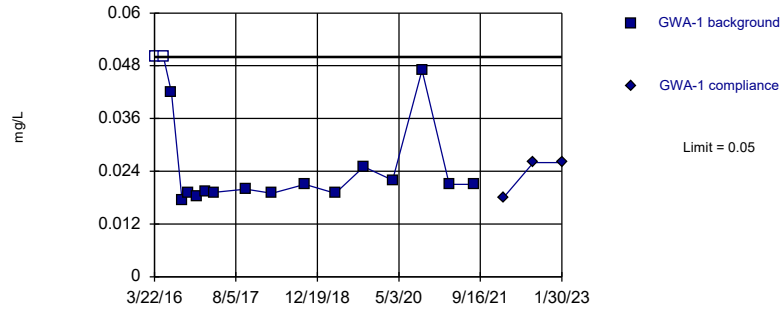
Appendix III - Intrawell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (SU)	GWA-1	7.381	6.536	1/30/2023	7.22	No	17	6.958	0.1741	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-11	7.054	6.388	1/30/2023	7	No	17	6.721	0.1372	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-2	7.234	6.539	1/30/2023	7.05	No	17	6.886	0.1432	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-3	7.212	6.33	1/30/2023	6.82	No	17	6.771	0.1818	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWA-4	7.16	6.365	1/30/2023	6.94	No	17	6.762	0.1637	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-10	7.72	6.825	1/30/2023	7.6	No	18	7.272	0.1867	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-18	7.787	7.382	1/31/2023	7.56	No	17	7.585	0.08345	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-19	7.783	7.194	1/31/2023	7.65	No	19	7.488	0.1243	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-20	7.608	6.972	1/31/2023	7.44	No	20	7.29	0.1358	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-21	7.693	5.612	1/31/2023	6.23	No	17	6.652	0.4288	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-22	7.958	7.287	1/31/2023	7.67	No	18	7.623	0.1399	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-23	7.52	6.662	1/31/2023	7.03	No	17	7.091	0.1769	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-5	7.21	6.445	1/31/2023	6.96	No	17	6.828	0.1576	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-6	7.319	6.708	1/31/2023	7.24	No	18	7.014	0.1274	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-7	6.768	5.558	1/31/2023	5.84	No	18	6.163	0.2524	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-8	7.787	6.575	1/31/2023	7.09	No	20	7.181	0.259	0	None	No	0.0003135	Param Intra 1 of 2
pH (SU)	GWC-9	7.324	6.313	1/31/2023	6.74	No	17	6.819	0.2084	0	None	No	0.0003135	Param Intra 1 of 2
Sulfate (mg/L)	GWA-1	6.6	n/a	1/30/2023	3.8	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-11	15.25	n/a	1/30/2023	9.5	No	17	12.17	1.271	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	22.46	n/a	1/30/2023	19.8	No	17	15.77	2.757	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	215.8	n/a	1/30/2023	78.4	No	17	11	1.519	0	None	sqrt(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4	321.2	n/a	1/30/2023	156	No	17	177.4	59.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	33.9	n/a	1/30/2023	11.5	No	18	n/a	n/a	0	n/a	n/a	0.005373	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-18	14.45	n/a	1/31/2023	8.4	No	17	10.5	1.628	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	20.64	n/a	1/31/2023	22.8	Yes	17	16.5	1.709	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	80.7	n/a	1/31/2023	69.8	No	9	53.13	8.981	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	54.24	n/a	1/31/2023	12.4	No	17	31.49	9.375	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22	13.34	n/a	1/31/2023	8.8	No	17	7.635	2.352	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	43	n/a	1/31/2023	19.5	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-5	145.9	n/a	1/31/2023	90.6	No	17	4.427	0.2289	0	None	ln(x)	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	144.4	n/a	1/31/2023	95.7	No	21	108.3	15.56	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	178.3	n/a	1/31/2023	118	No	17	109.7	28.29	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-8	60.46	n/a	1/31/2023	31.3	No	17	40.99	8.027	0	None	No	0.0006269	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	85.39	n/a	1/31/2023	70	No	18	69.08	6.805	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-1	163.4	n/a	1/30/2023	94	No	17	102.9	24.95	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-11	179.4	n/a	1/30/2023	130	No	17	121.6	23.82	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-2	268.6	n/a	1/30/2023	263	No	17	221.5	19.41	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWA-3	653	n/a	1/30/2023	367	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWA-4	733.8	n/a	1/30/2023	459	No	17	507.8	93.12	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	268.9	n/a	1/30/2023	190	No	17	179.4	36.87	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	248.3	n/a	1/31/2023	284	Yes	16	202.1	18.8	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	281.8	n/a	1/31/2023	239	No	16	233.4	19.68	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	310.9	n/a	1/31/2023	329	Yes	17	237.4	30.3	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	398.1	n/a	1/31/2023	76	No	19	200.5	83.46	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	324	n/a	1/31/2023	221	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	290.6	n/a	1/31/2023	243	No	17	196.4	38.83	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-5	511	n/a	1/31/2023	385	No	17	n/a	n/a	0	n/a	n/a	0.005914	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-6	423.2	n/a	1/31/2023	335	No	19	332.2	38.42	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-7	358.6	n/a	1/31/2023	223	No	17	264.9	38.59	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-8	444.9	n/a	1/31/2023	284	No	19	285	67.54	0	None	No	0.0006269	Param Intra 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	310.7	n/a	1/31/2023	216	No	17	226.2	34.82	0	None	No	0.0006269	Param Intra 1 of 2

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

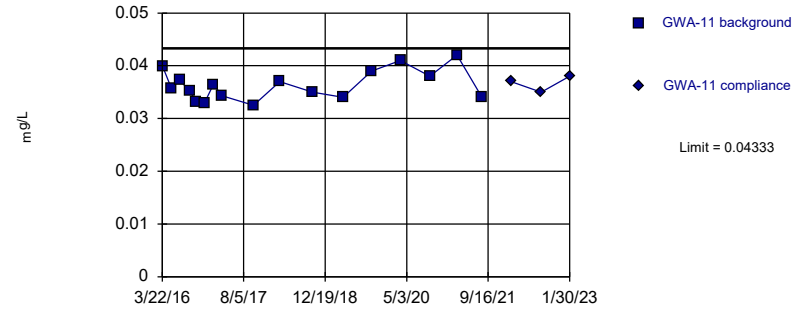


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 11.76% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Within Limit

Prediction Limit
Intrawell Parametric

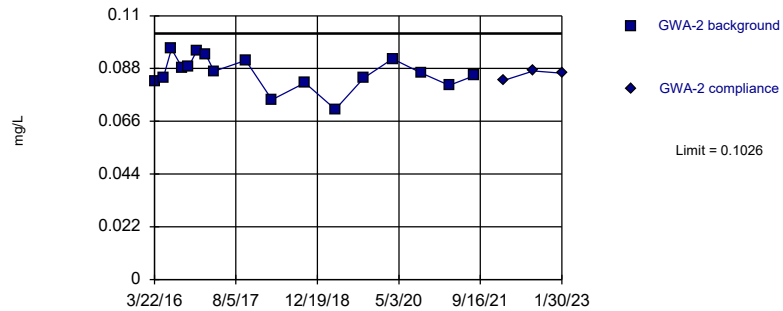


Background Data Summary: Mean=0.03634, Std. Dev.=0.002879, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9447, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Within Limit

Prediction Limit
Intrawell Parametric

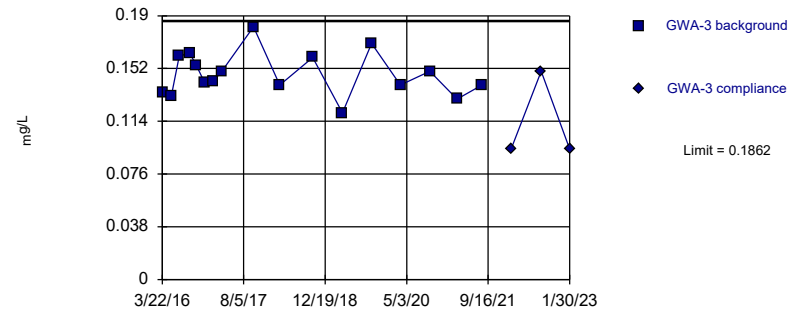


Background Data Summary: Mean=0.08614, Std. Dev.=0.006798, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9622, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Within Limit

Prediction Limit
Intrawell Parametric

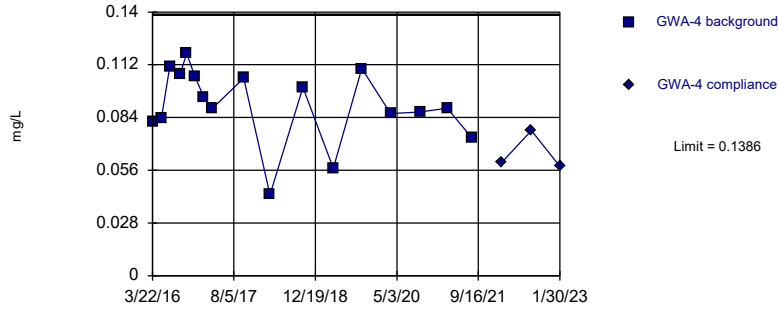


Background Data Summary: Mean=0.1478, Std. Dev.=0.01583, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9764, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

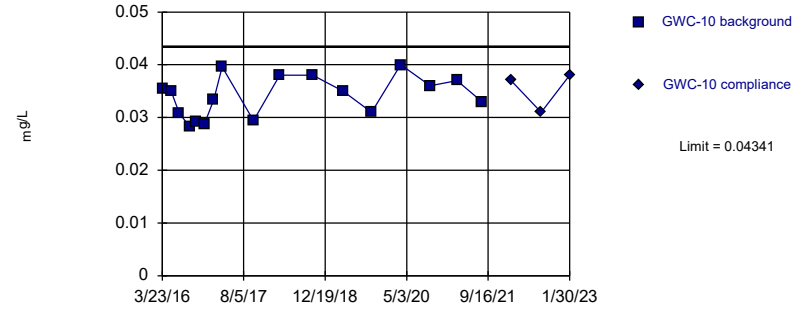


Background Data Summary: Mean=0.09064, Std. Dev.=0.01974, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

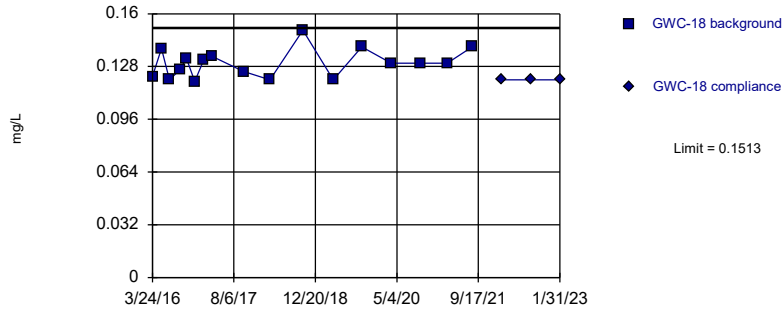


Background Data Summary: Mean=0.03398, Std. Dev.=0.003885, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9386, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

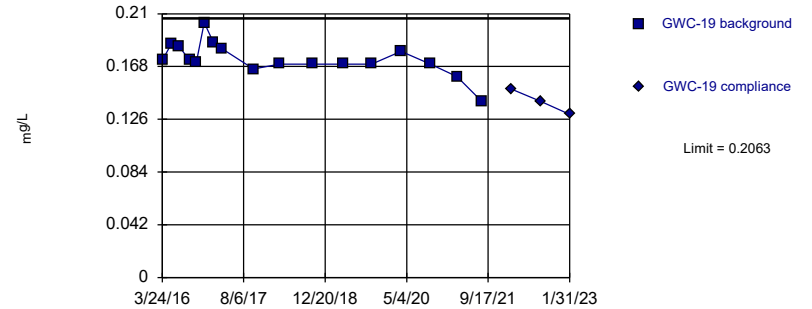


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Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

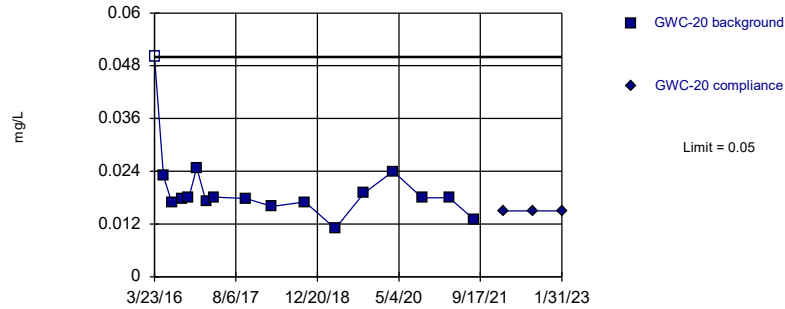
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Non-parametric

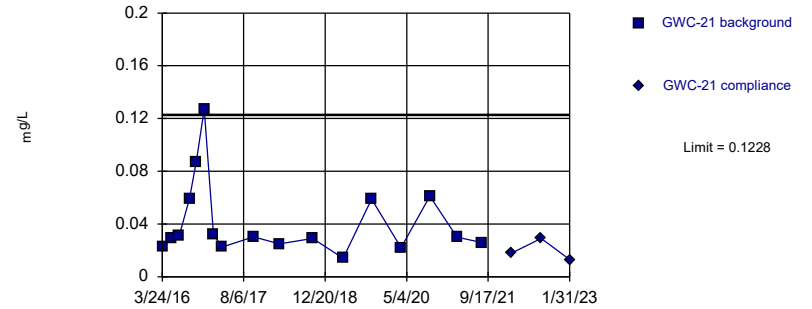


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

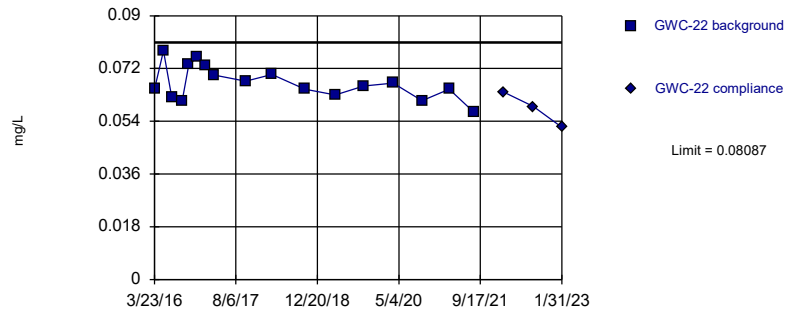


Background Data Summary (based on cube root transformation): Mean=0.3332, Std. Dev.=0.06753, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8582, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

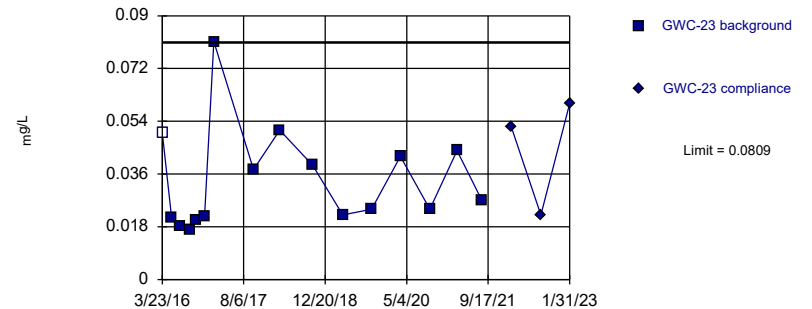


Background Data Summary: Mean=0.06702, Std. Dev.=0.00571, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.977, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

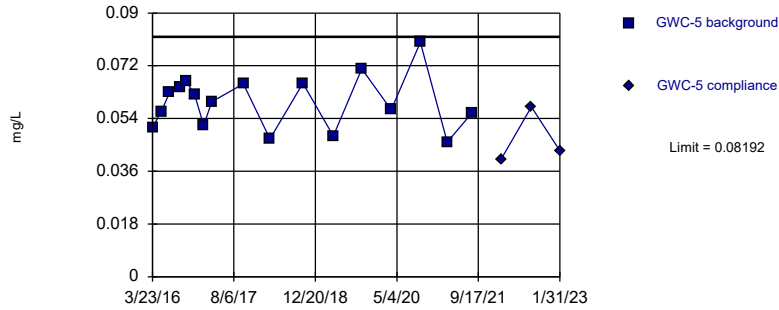


Background Data Summary (based on square root transformation): Mean=0.1789, Std. Dev.=0.04295, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

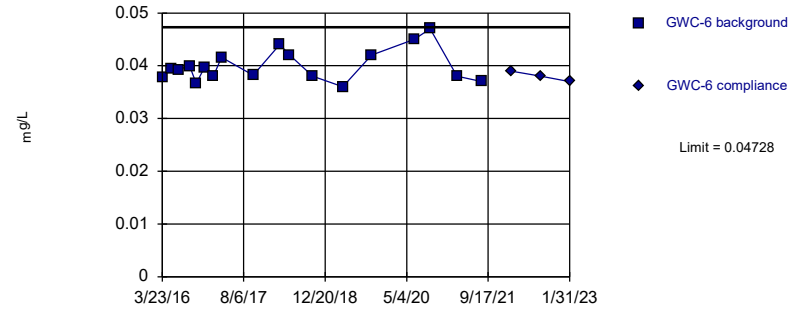


Background Data Summary: Mean=0.05951, Std. Dev.=0.009236, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Boron Analysis Run 4/19/2023 4:38 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

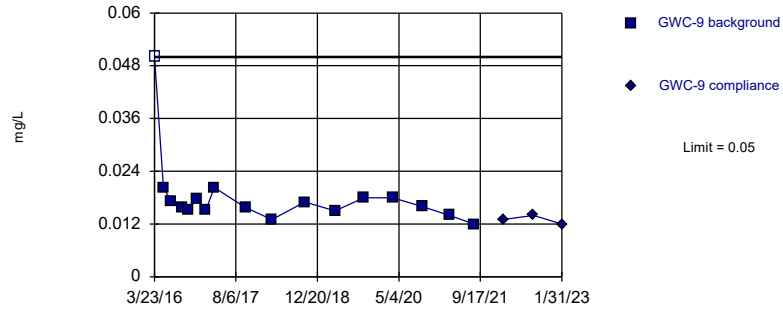
Within Limit

Prediction Limit Intrawell Parametric



Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

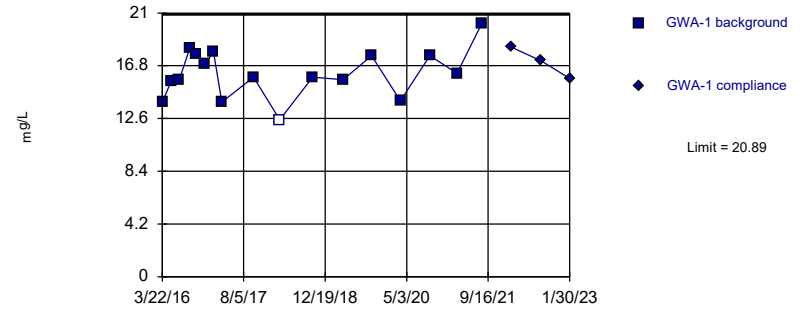


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 5.882% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Boron Analysis Run 4/19/2023 4:39 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

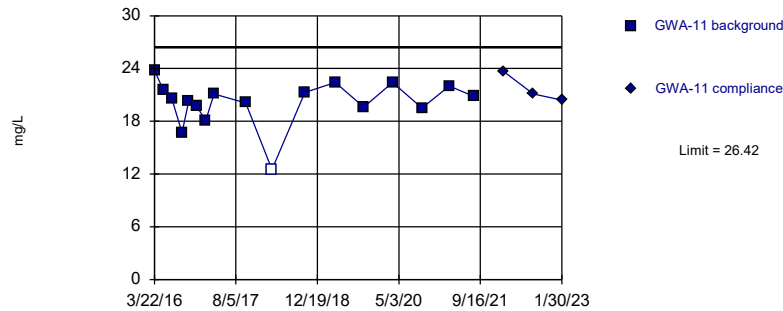


Background Data Summary: Mean=16.2, Std. Dev.=1.932, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9669, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

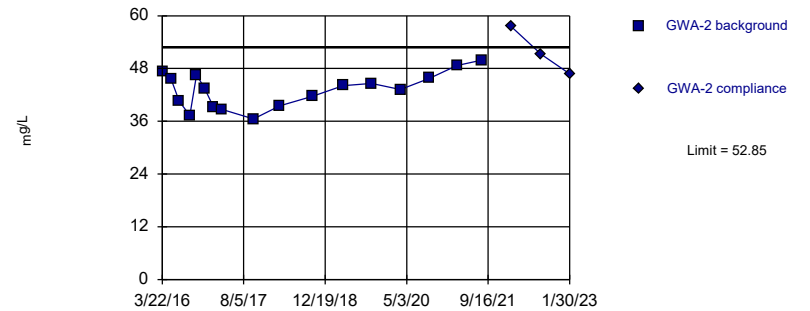


Background Data Summary: Mean=20.14, Std. Dev.=2.587, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.865, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

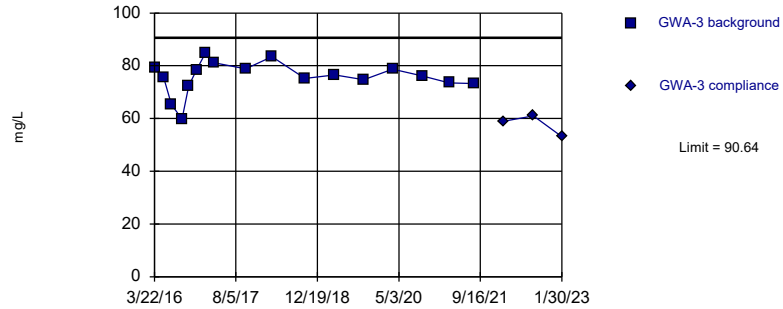


Background Data Summary: Mean=43.1, Std. Dev.=4.018, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

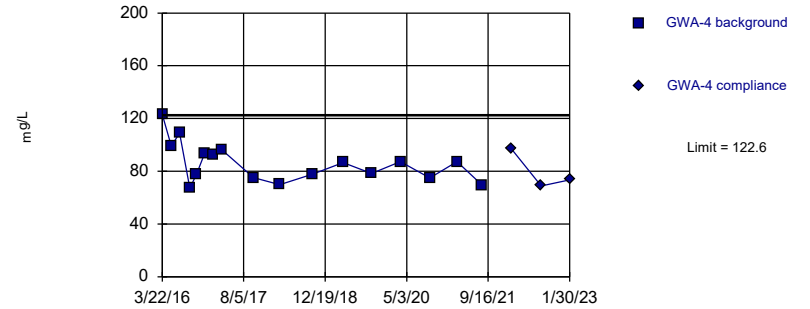


Background Data Summary: Mean=75.75, Std. Dev.=6.137, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9123, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

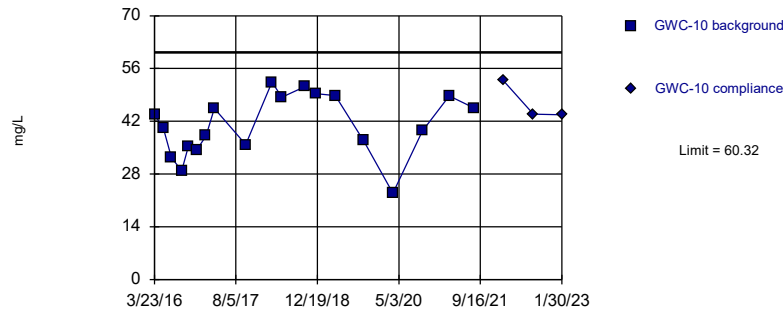


Background Data Summary: Mean=86.21, Std. Dev.=14.99, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

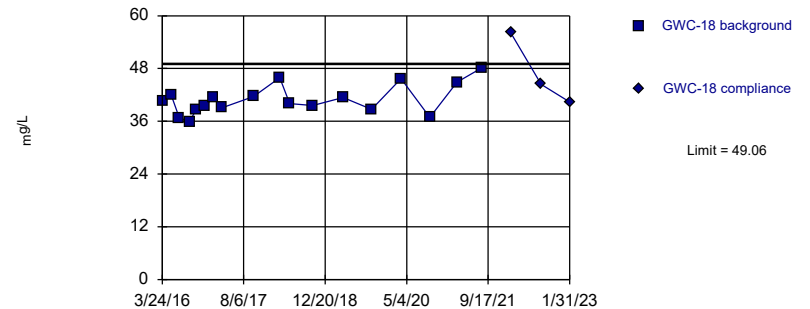


Background Data Summary: Mean=40.93, Std. Dev.=8.193, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9517, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

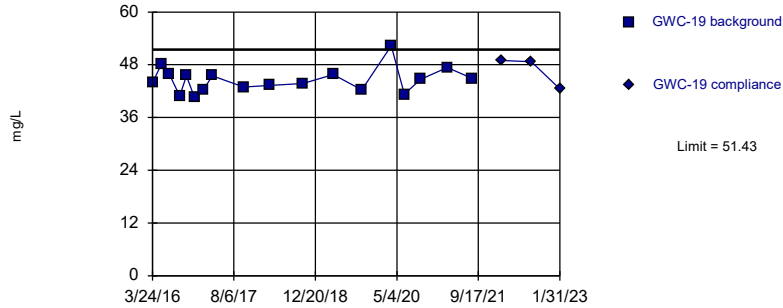


Background Data Summary: Mean=40.94, Std. Dev.=3.386, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9429, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

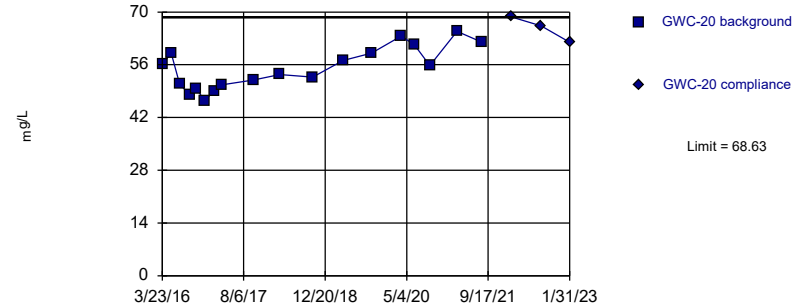


Background Data Summary: Mean=44.52, Std. Dev.=2.882, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

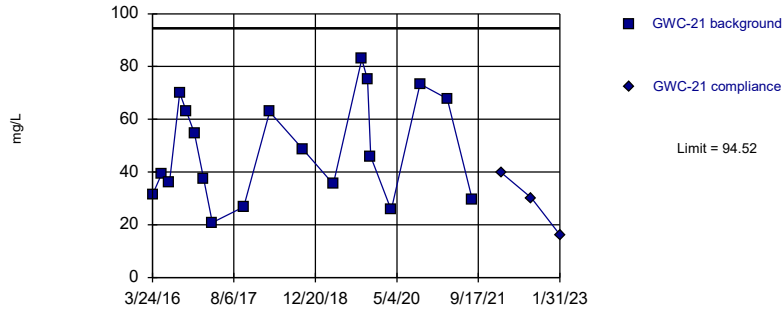


Background Data Summary: Mean=55.11, Std. Dev.=5.638, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9578, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

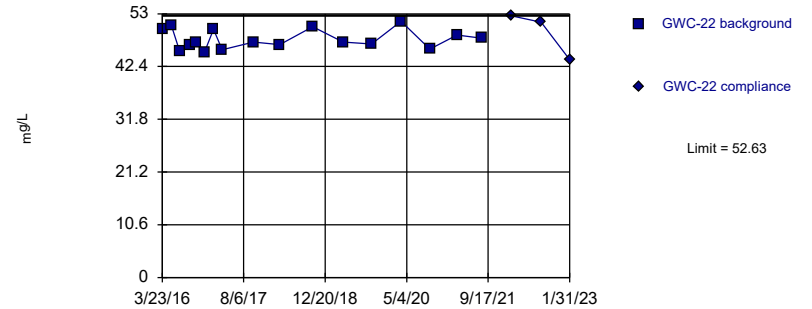


Background Data Summary: Mean=48.75, Std. Dev.=19.33, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9335, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

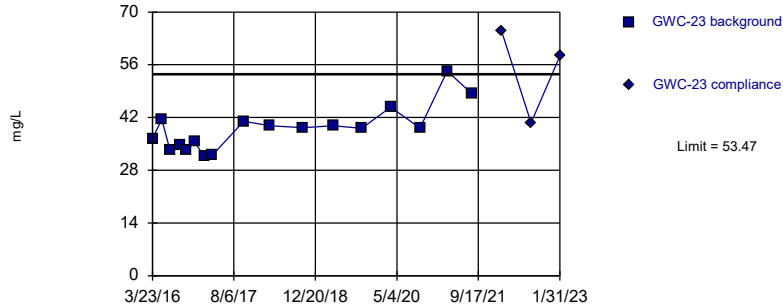


Background Data Summary: Mean=47.89, Std. Dev.=1.955, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9237, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

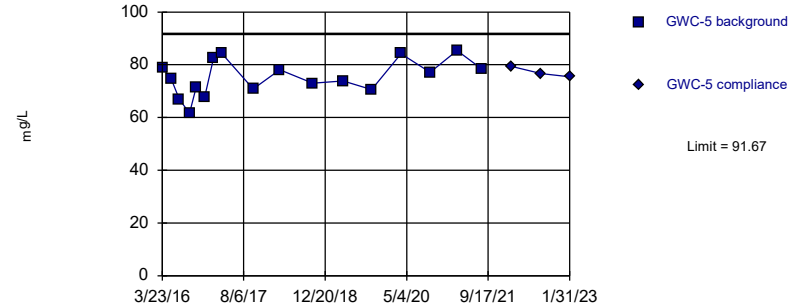


Background Data Summary: Mean=39.06, Std. Dev.=5.938, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9118, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

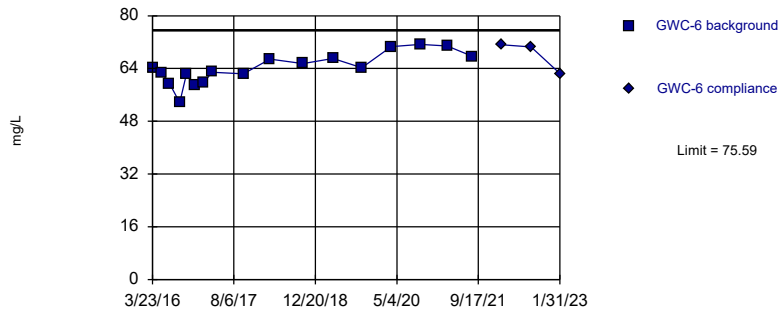


Background Data Summary: Mean=75.27, Std. Dev.=6.759, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9688, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

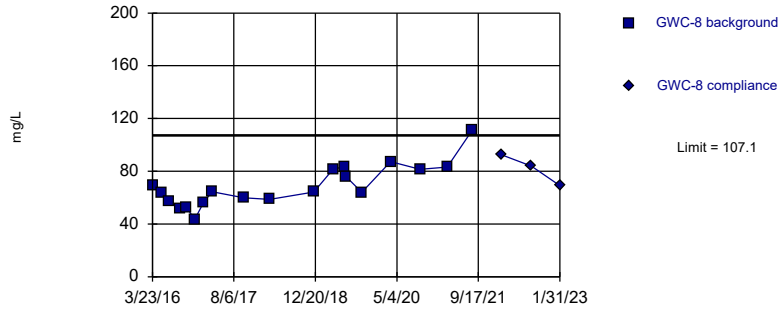
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric

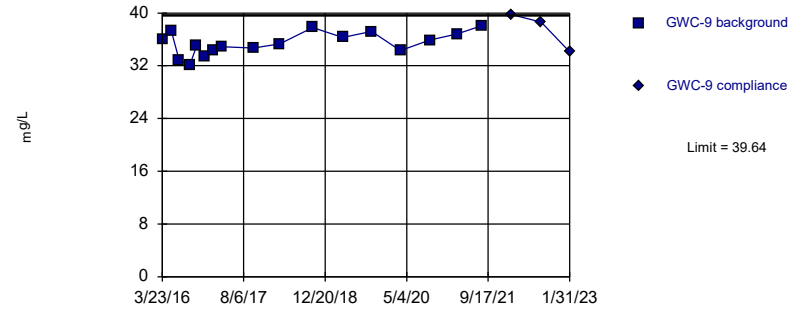


Background Data Summary: Mean=68.9, Std. Dev.=16.13, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9359, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

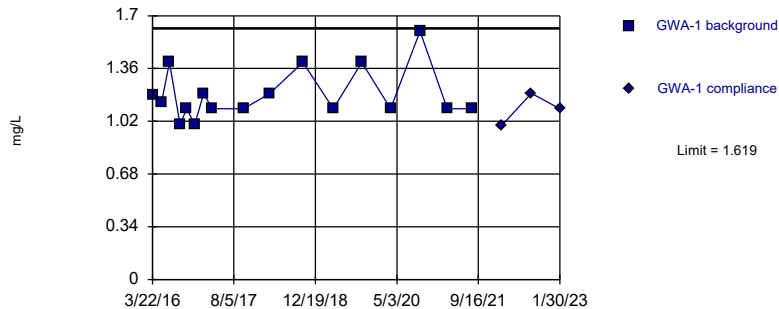


Background Data Summary: Mean=35.42, Std. Dev.=1.737, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9739, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Calcium Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

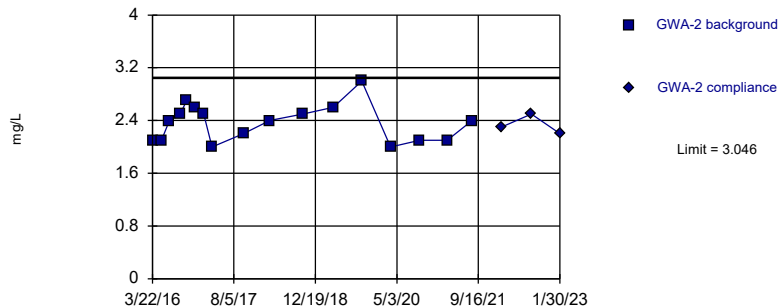
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit
Intrawell Parametric

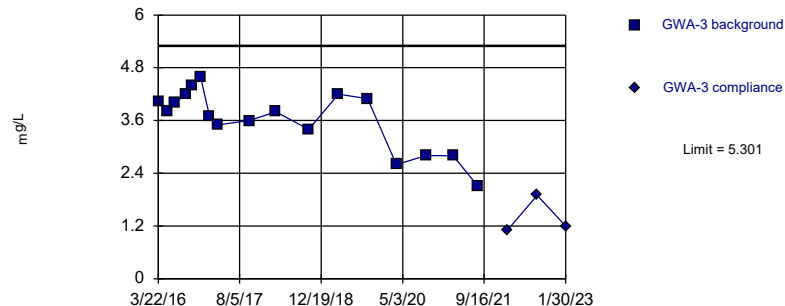


Background Data Summary: Mean=2.365, Std. Dev.=0.2806, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9256, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

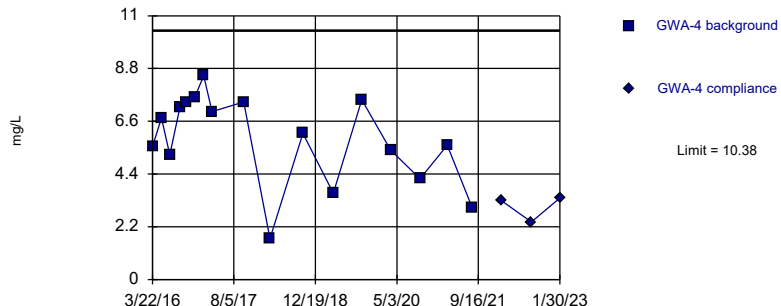


Background Data Summary: Mean=3.626, Std. Dev.=0.6902, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

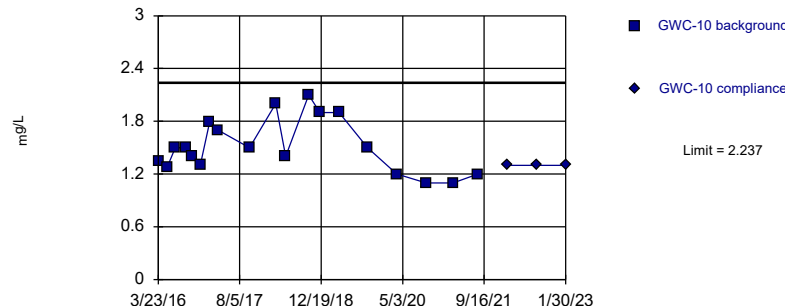


Background Data Summary: Mean=5.864, Std. Dev.=1.863, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

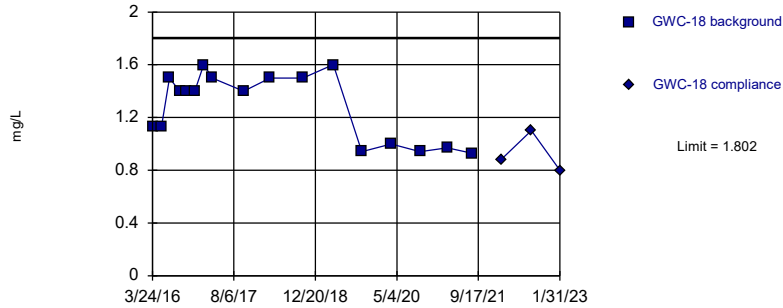
Within Limit

Prediction Limit
Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric

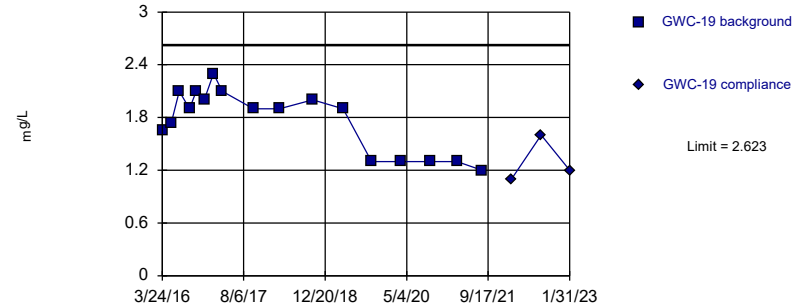


Background Data Summary (based on square transformation): Mean=1.711, Std. Dev.=0.6329, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8586, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

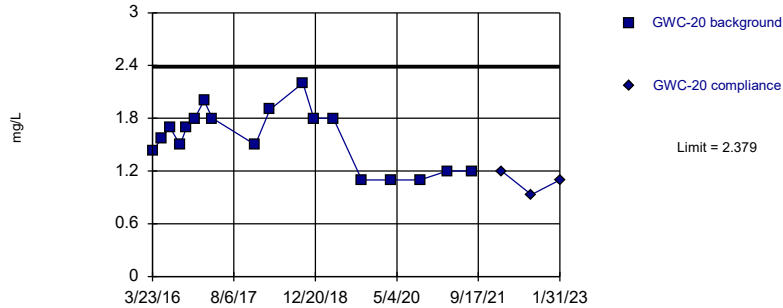


Background Data Summary: Mean=1.764, Std. Dev.=0.3539, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8795, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

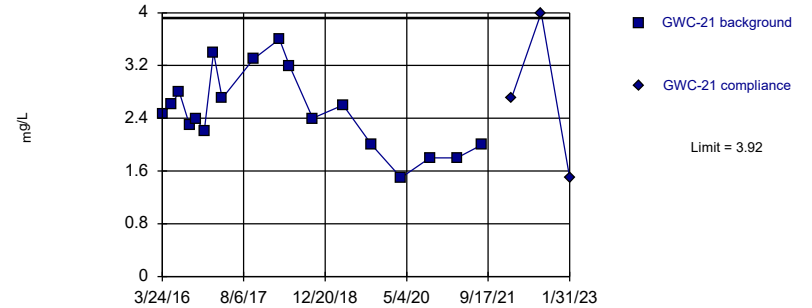


Background Data Summary: Mean=1.577, Std. Dev.=0.3346, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

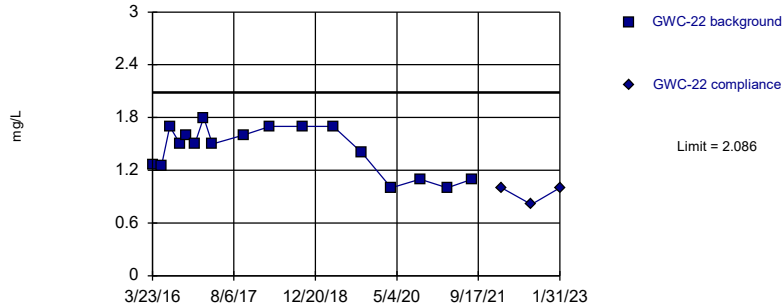
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric



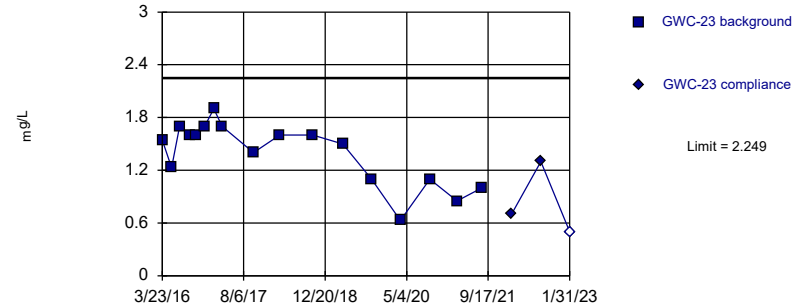
Background Data Summary: Mean=1.436, Std. Dev.=0.2681, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9027, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Parametric

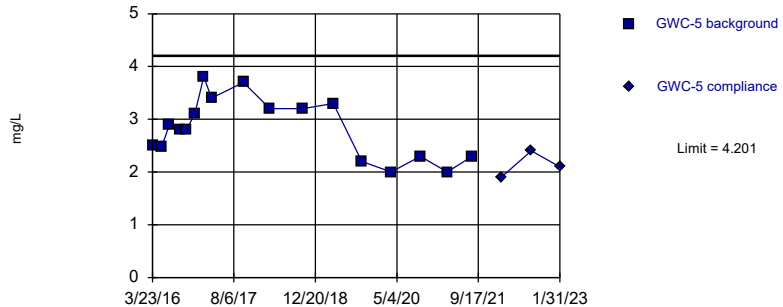


Background Data Summary: Mean=1.397, Std. Dev.=0.3512, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

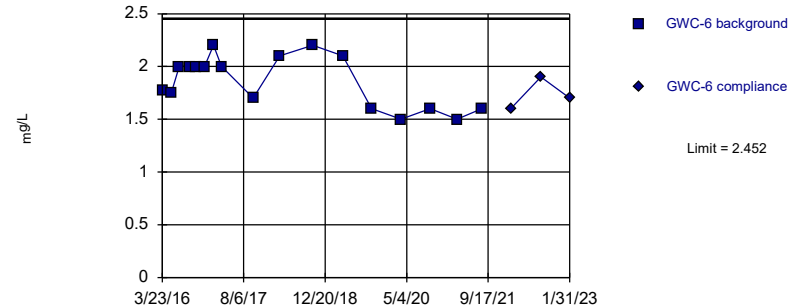


Background Data Summary: Mean=2.822, Std. Dev.=0.5683, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9529, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



Background Data Summary: Mean=1.86, Std. Dev.=0.2439, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8965, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

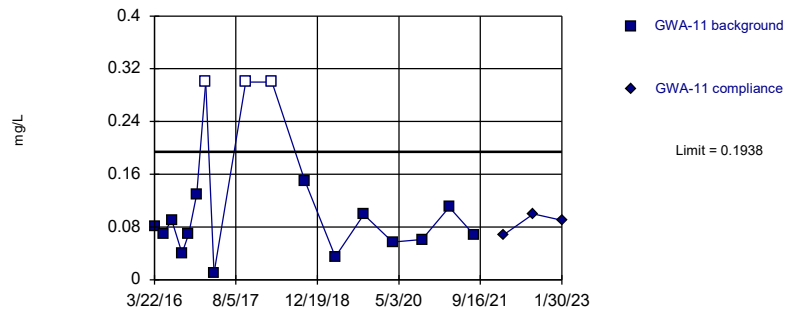
Constituent: Chloride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . 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=0.2673, Std. Dev.=0.07126, n=17, 17.65% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8989, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

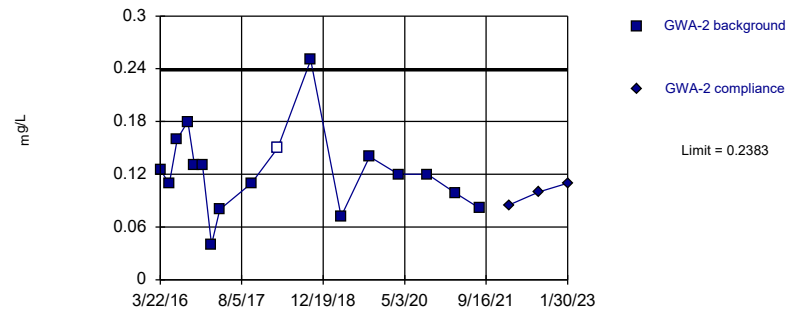
Constituent: Fluoride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1233, Std. Dev.=0.04738, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

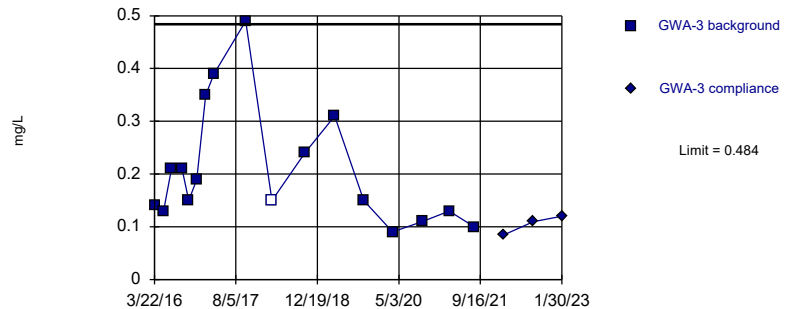
Constituent: Fluoride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2083, Std. Dev.=0.1136, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8567, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

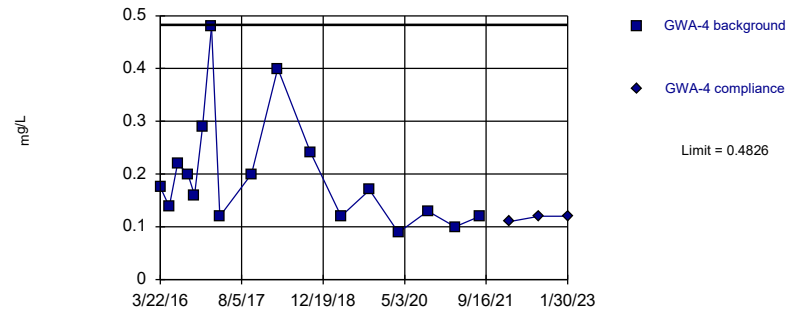
Constituent: Fluoride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.4315, Std. Dev.=0.1085, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8983, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

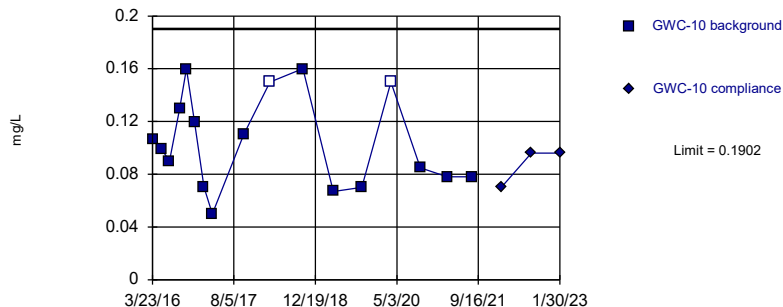
Constituent: Fluoride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1044, Std. Dev.=0.03536, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9287, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

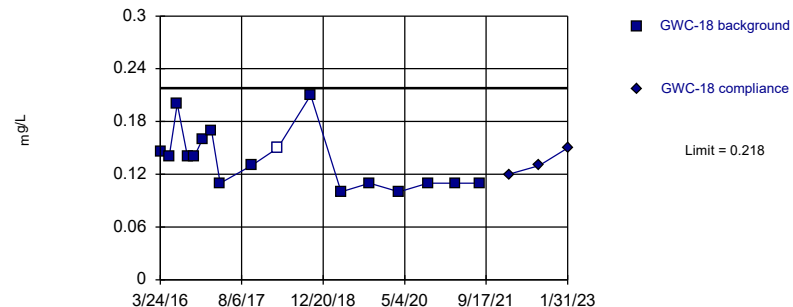
Constituent: Fluoride Analysis Run 4/19/2023 4:39 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1375, Std. Dev.=0.03319, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8897, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

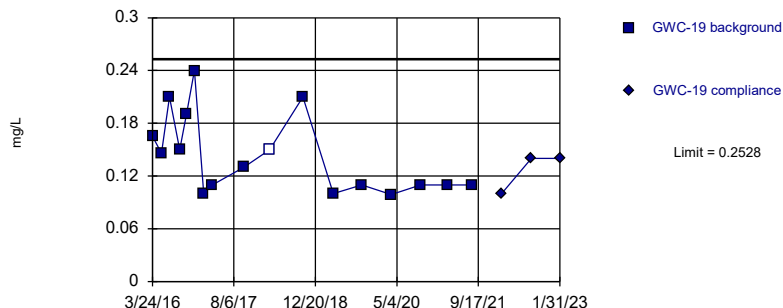
Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.

Within Limit

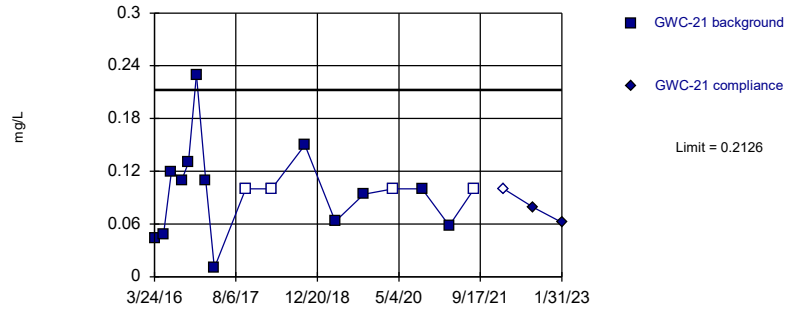
Prediction Limit

Intrawell Parametric



Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

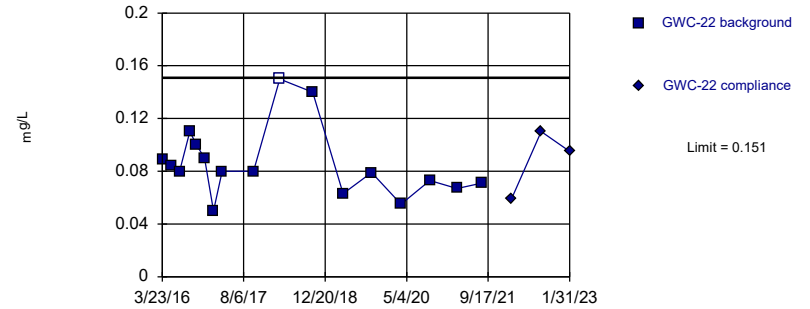


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.08559, Std. Dev.=0.05234, n=17, 23.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9123, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

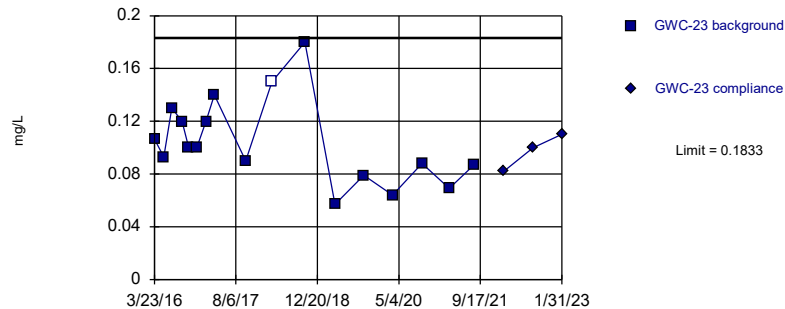


Background Data Summary: Mean=0.08591, Std. Dev.=0.02682, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

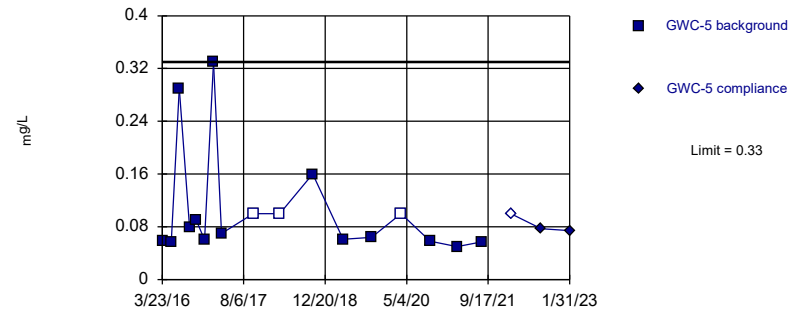


Background Data Summary: Mean=0.1043, Std. Dev.=0.03254, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9591, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

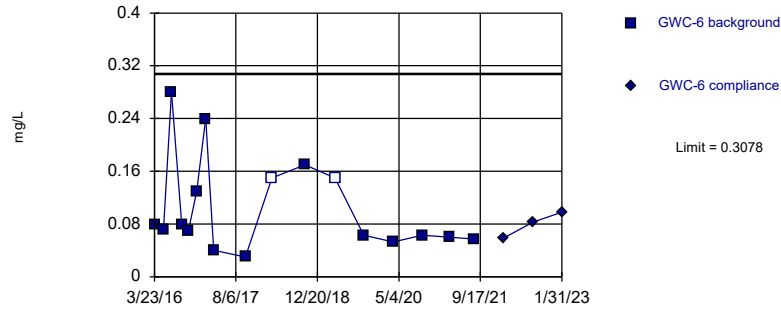


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. 17.65% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

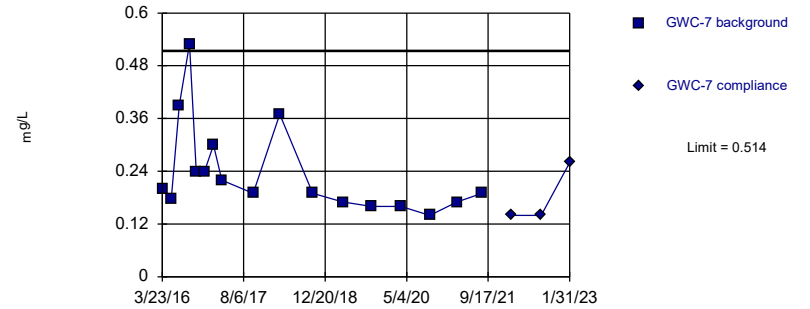


Background Data Summary (based on square root transformation): Mean=0.3089, Std. Dev.=0.1013, n=17, 11.76% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8988, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Within Limit

Prediction Limit
Intrawell Parametric

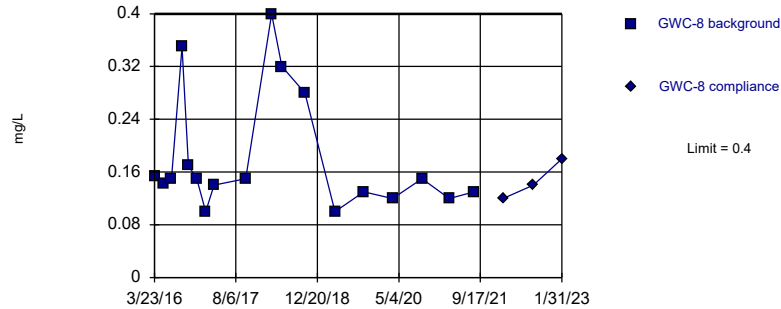


Background Data Summary (based on cube root transformation): Mean=0.6093, Std. Dev.=0.07904, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8552, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Within Limit

Prediction Limit
Intrawell Non-parametric

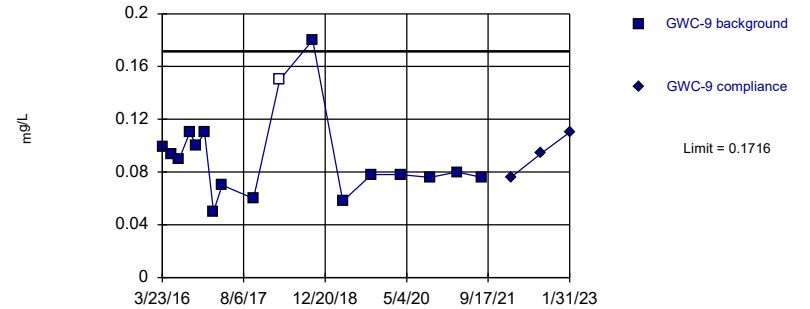


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sanitas™ v.9.6.37 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

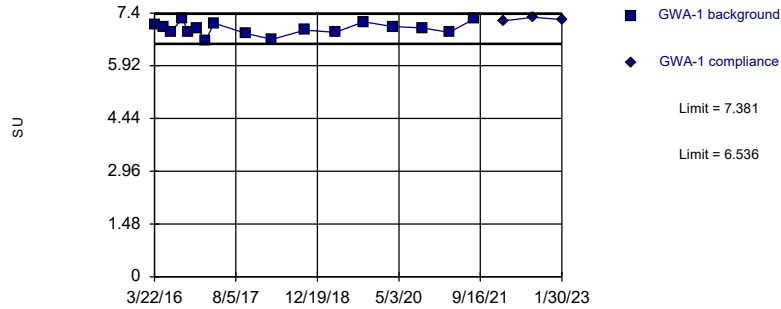


Background Data Summary: Mean=0.0917, Std. Dev.=0.03293, n=17, 5.882% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8739, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Fluoride Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

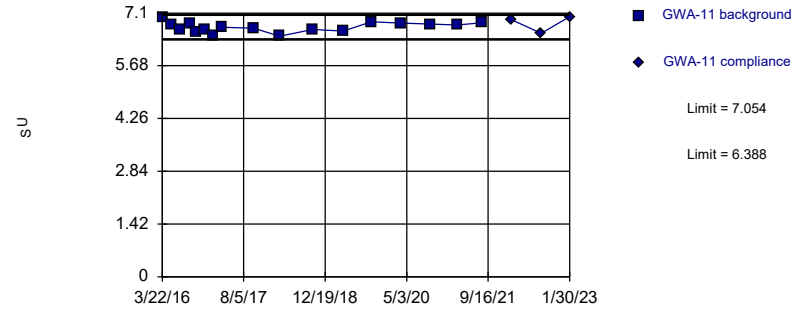


Background Data Summary: Mean=6.958, Std. Dev.=0.1741, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

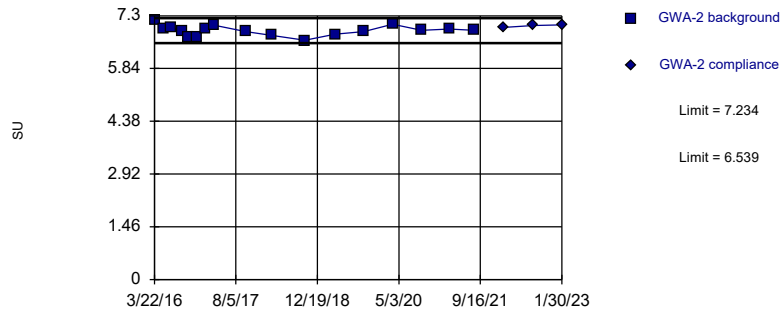


Background Data Summary: Mean=6.721, Std. Dev.=0.1372, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

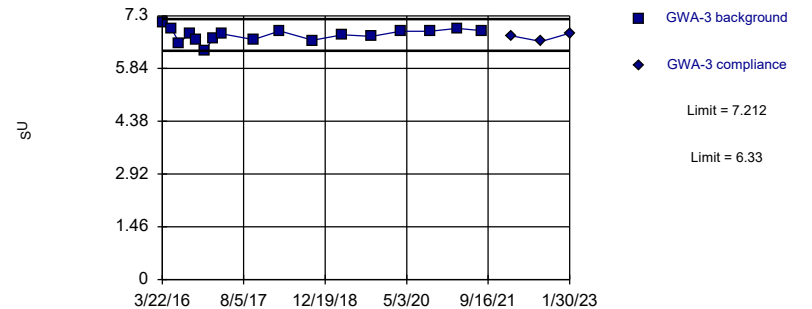


Background Data Summary: Mean=6.886, Std. Dev.=0.1432, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9848, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

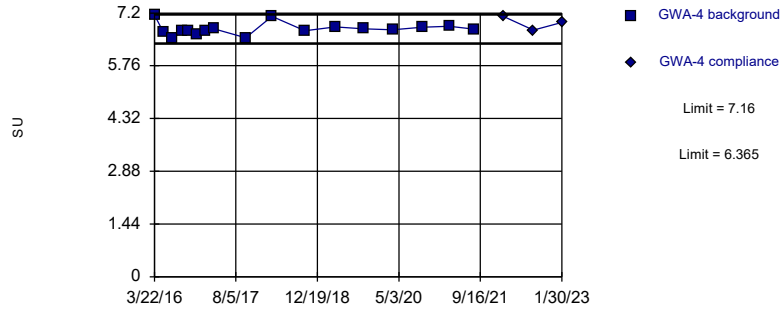


Background Data Summary: Mean=6.771, Std. Dev.=0.1818, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

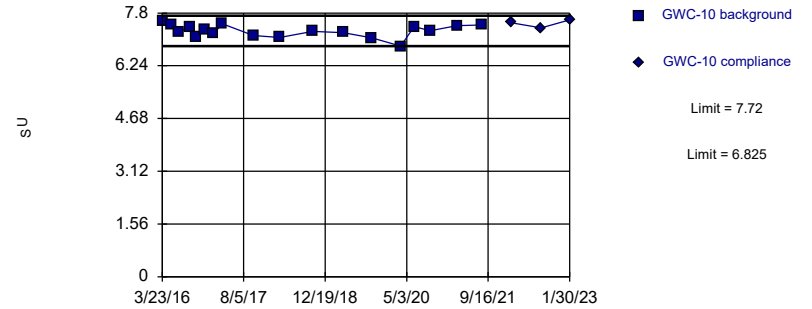


Background Data Summary: Mean=6.762, Std. Dev.=0.1637, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8768, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

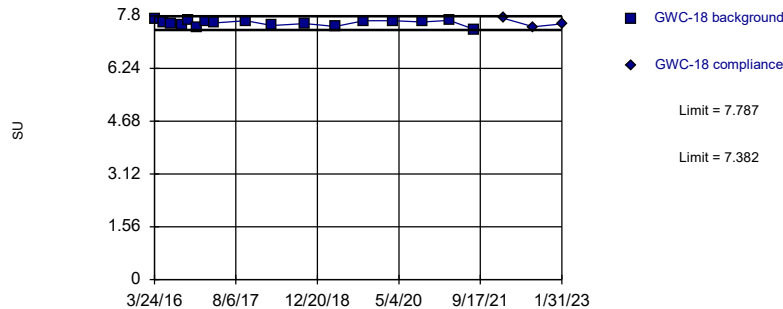


Background Data Summary: Mean=7.272, Std. Dev.=0.1867, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9572, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

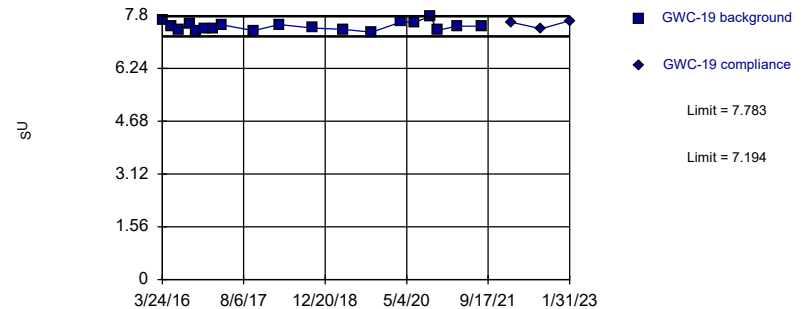


Background Data Summary: Mean=7.585, Std. Dev.=0.08345, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

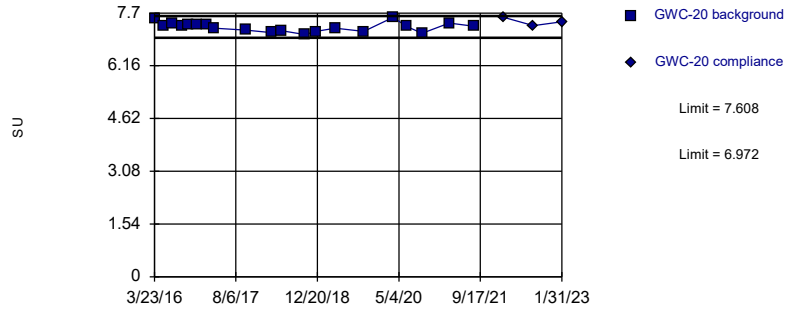


Background Data Summary: Mean=7.488, Std. Dev.=0.1243, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

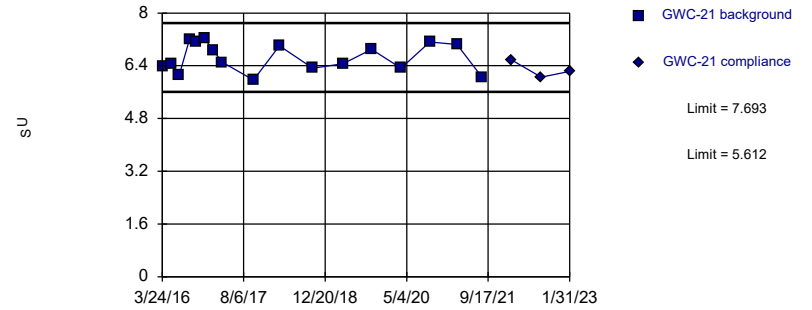


Background Data Summary: Mean=7.29, Std. Dev.=0.1358, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

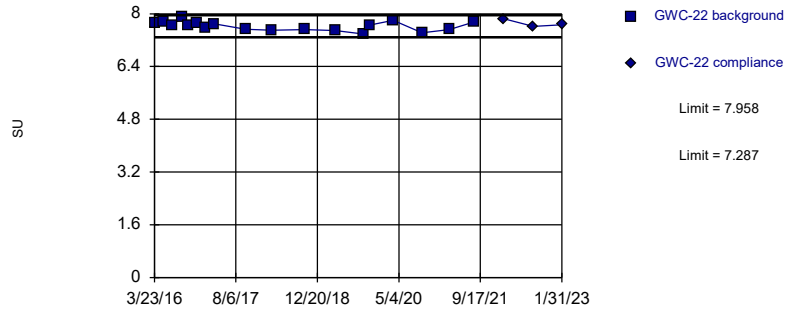


Background Data Summary: Mean=6.652, Std. Dev.=0.4288, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

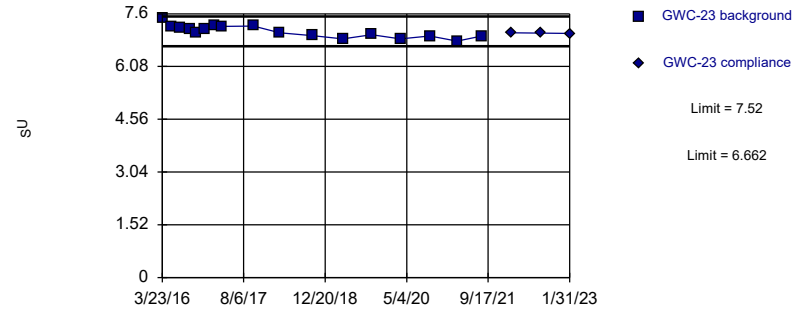


Background Data Summary: Mean=7.623, Std. Dev.=0.1399, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9729, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

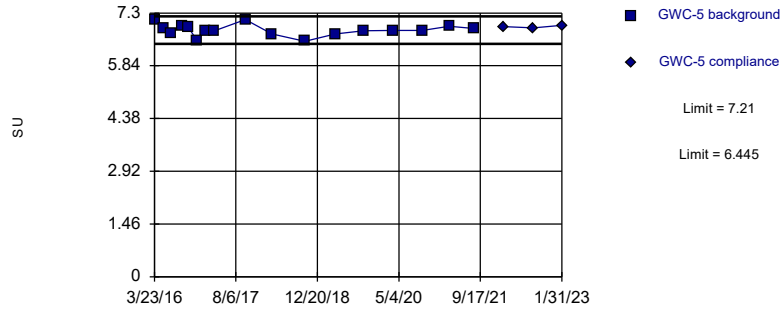


Background Data Summary: Mean=7.091, Std. Dev.=0.1769, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9577, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

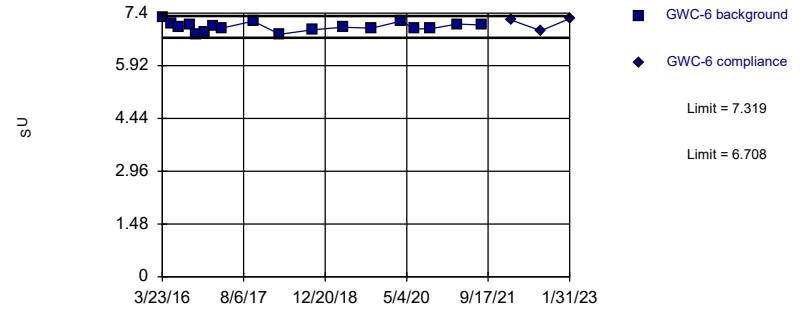


Background Data Summary: Mean=6.828, Std. Dev.=0.1576, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

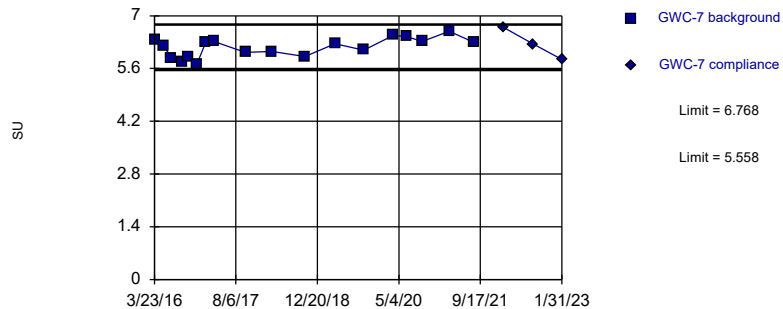


Background Data Summary: Mean=7.014, Std. Dev.=0.1274, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.972, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

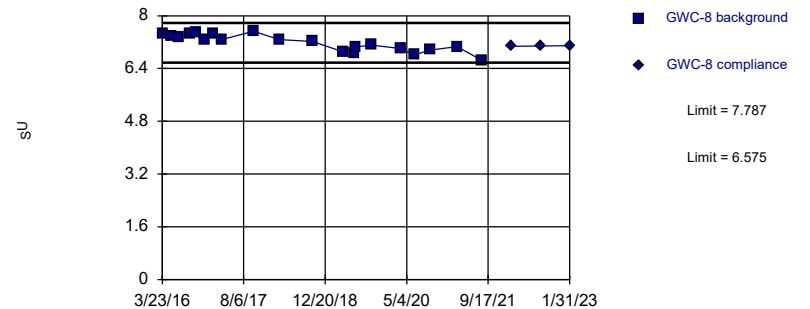


Background Data Summary: Mean=6.163, Std. Dev.=0.2524, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

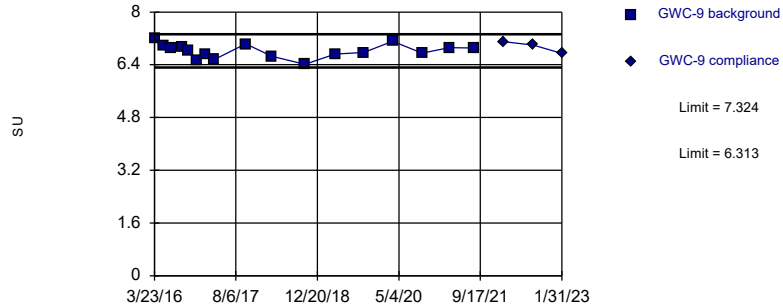


Background Data Summary: Mean=7.181, Std. Dev.=0.259, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.944, critical = 0.868. Kappa = 2.338 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limits

Prediction Limit Intrawell Parametric

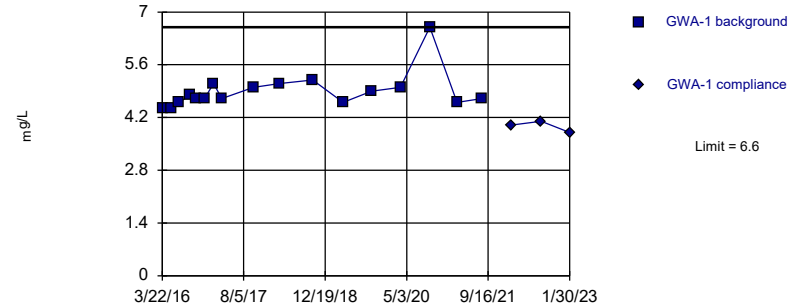


Background Data Summary: Mean=6.819, Std. Dev.=0.2084, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9871, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: pH Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

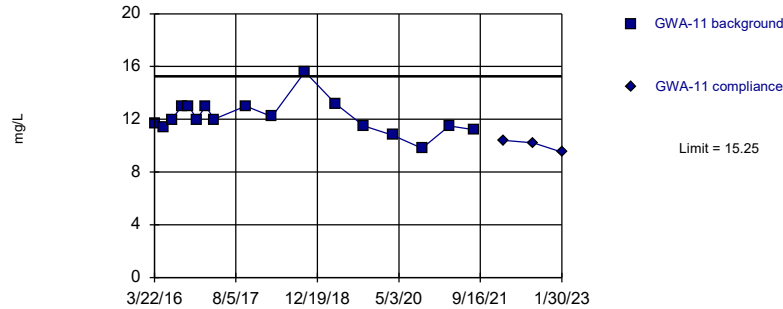


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

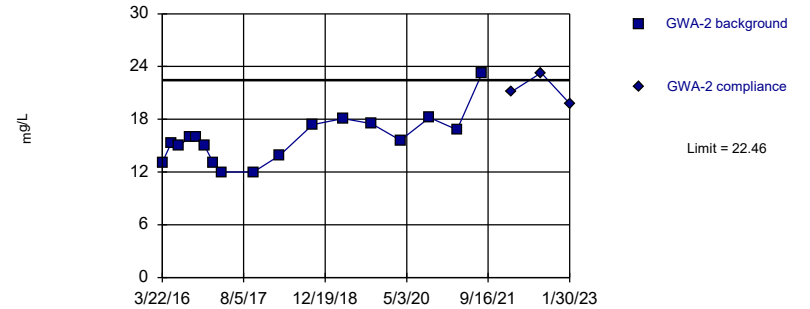


Background Data Summary: Mean=12.17, Std. Dev.=1.271, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

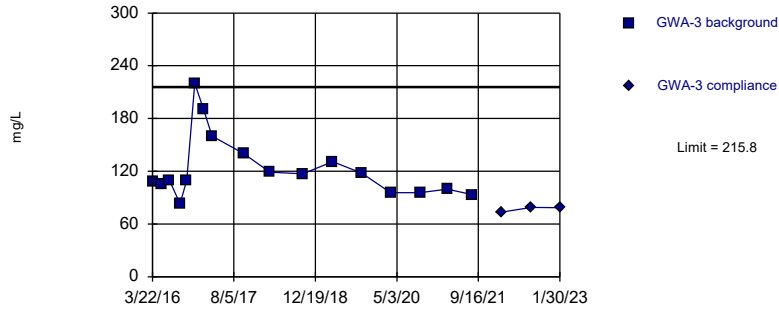


Background Data Summary: Mean=15.77, Std. Dev.=2.757, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

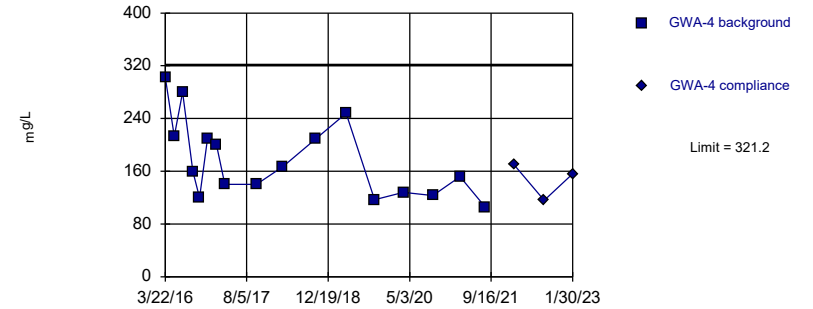


Background Data Summary (based on square root transformation): Mean=11, Std. Dev.=1.519, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8704, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

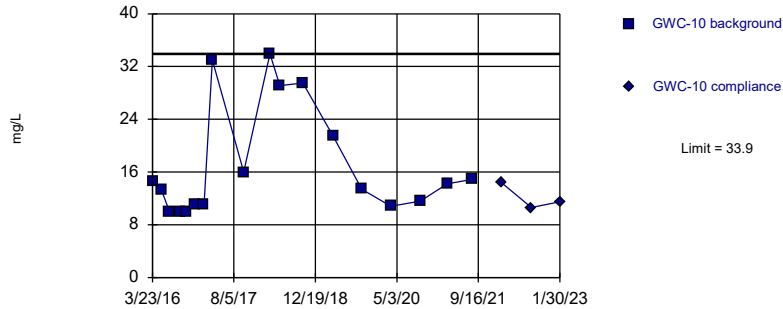


Background Data Summary: Mean=177.4, Std. Dev.=59.29, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9106, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

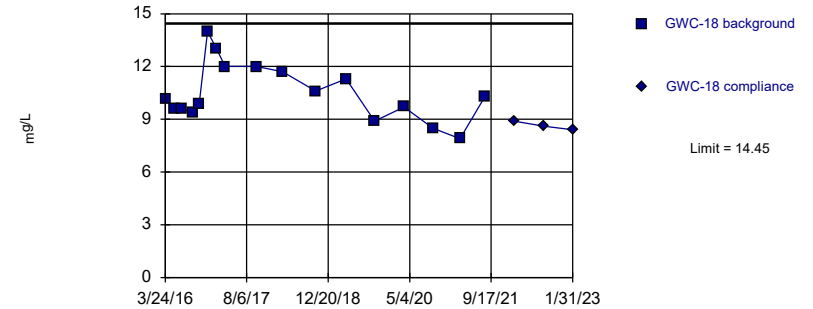


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 18 background values. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2).

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

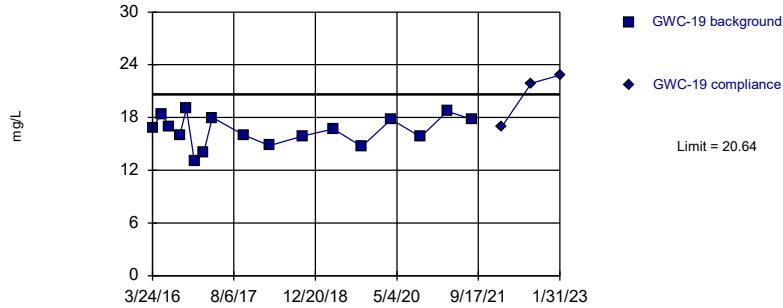


Background Data Summary: Mean=10.5, Std. Dev.=1.628, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

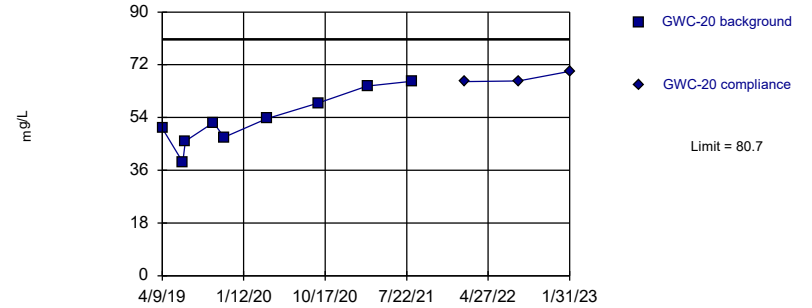


Background Data Summary: Mean=16.5, Std. Dev.=1.709, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9647, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

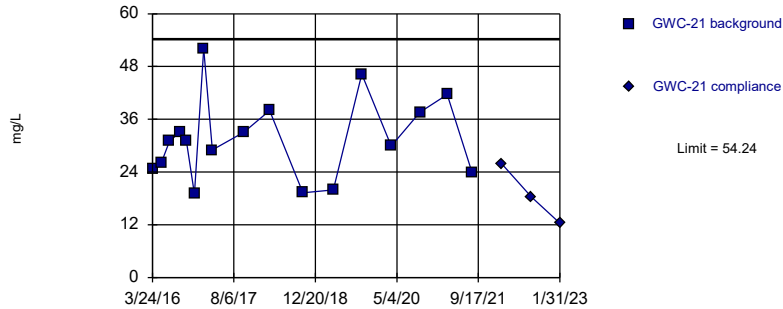


Background Data Summary: Mean=53.13, Std. Dev.=8.981, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9672, critical = 0.764. Kappa = 3.069 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

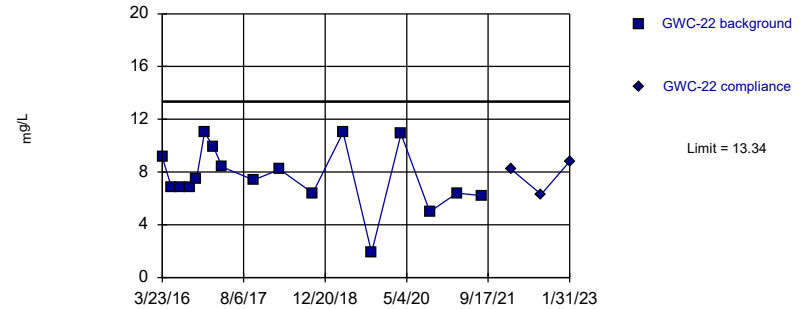


Background Data Summary: Mean=31.49, Std. Dev.=9.375, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9525, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

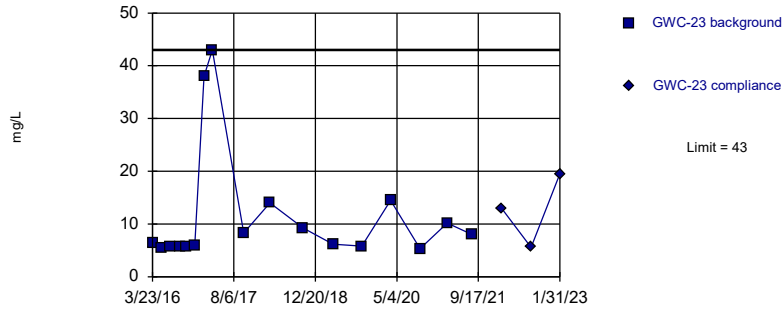


Background Data Summary: Mean=7.635, Std. Dev.=2.352, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9334, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

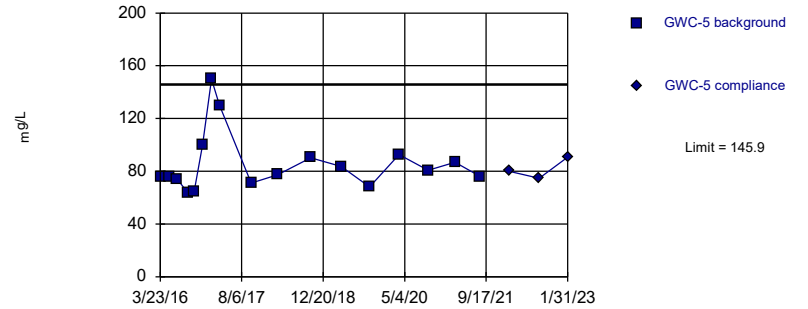


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

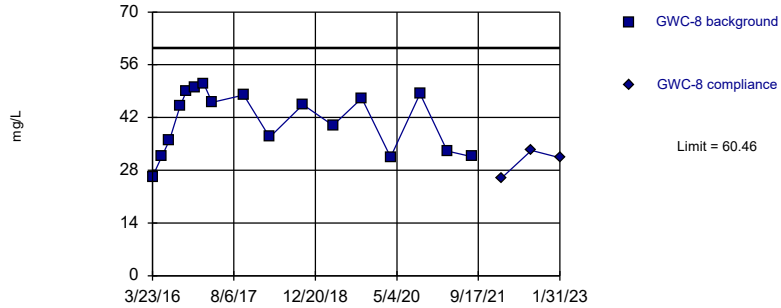
Within Limit

Prediction Limit Intrawell Parametric



Within Limit

Prediction Limit Intrawell Parametric

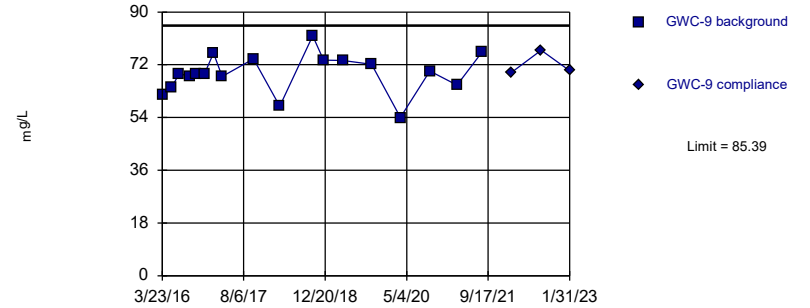


Background Data Summary: Mean=40.99, Std. Dev.=8.027, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8958, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:40 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

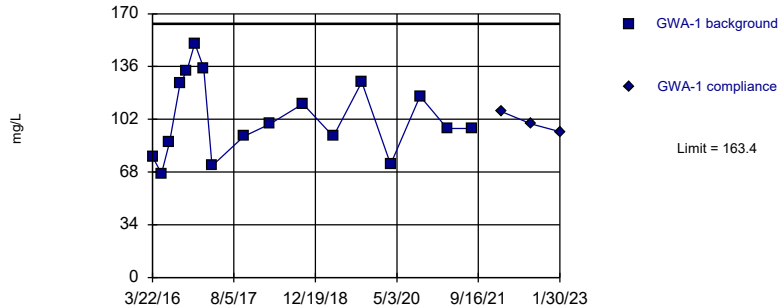


Background Data Summary: Mean=69.08, Std. Dev.=6.805, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9703, critical = 0.858. Kappa = 2.397 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Sulfate Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

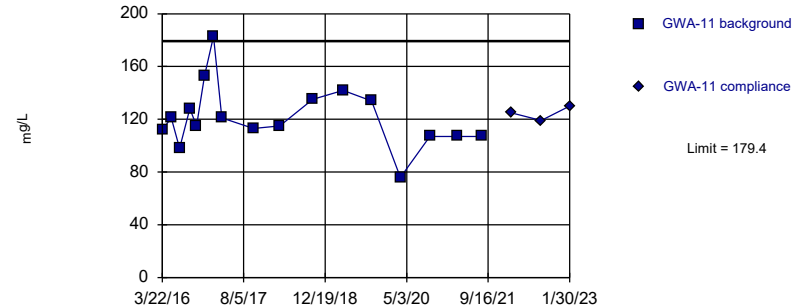


Background Data Summary: Mean=102.9, Std. Dev.=24.95, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9534, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

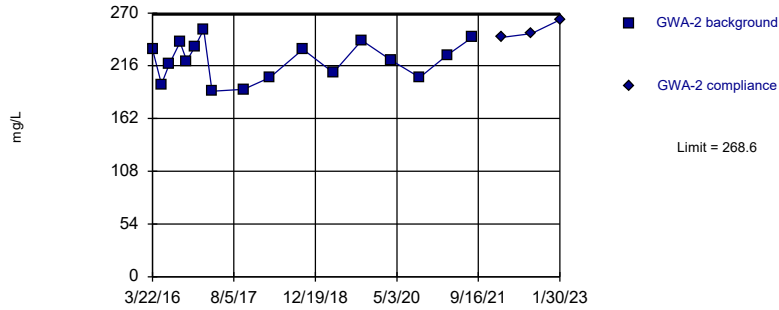


Background Data Summary: Mean=121.6, Std. Dev.=23.82, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

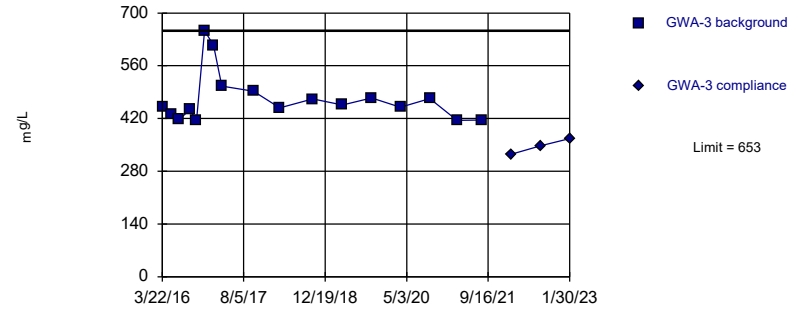


Background Data Summary: Mean=221.5, Std. Dev.=19.41, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9562, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Non-parametric

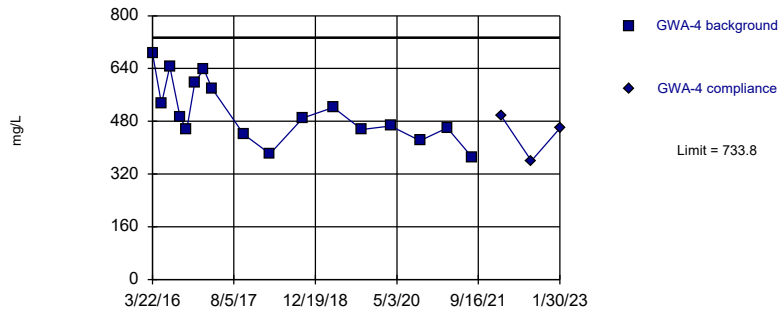


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Intrawell Parametric

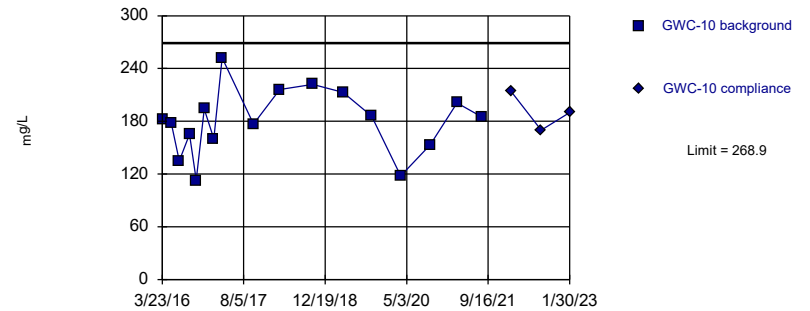


Background Data Summary: Mean=507.8, Std. Dev.=93.12, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

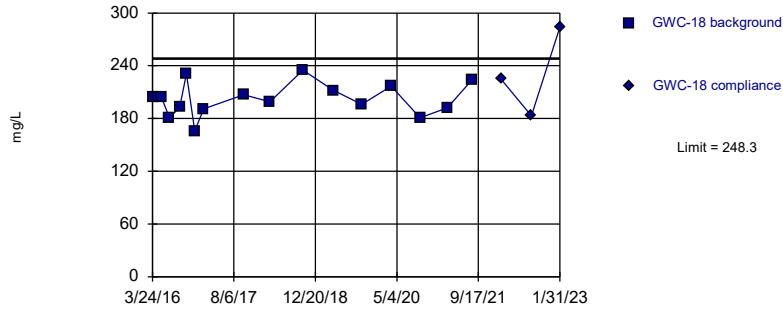
Within Limit

Prediction Limit
Intrawell Parametric



Exceeds Limit

Prediction Limit Intrawell Parametric

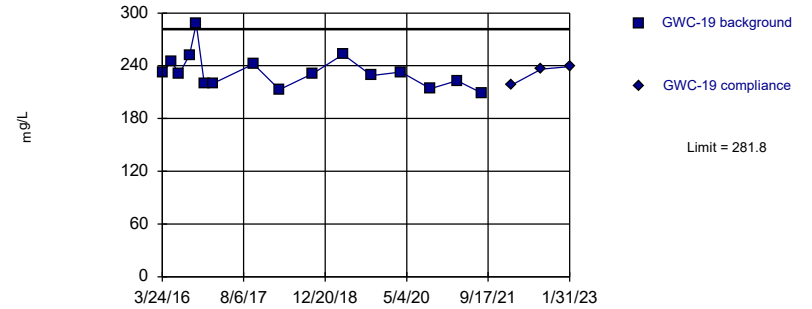


Background Data Summary: Mean=202.1, Std. Dev.=18.8, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9819, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

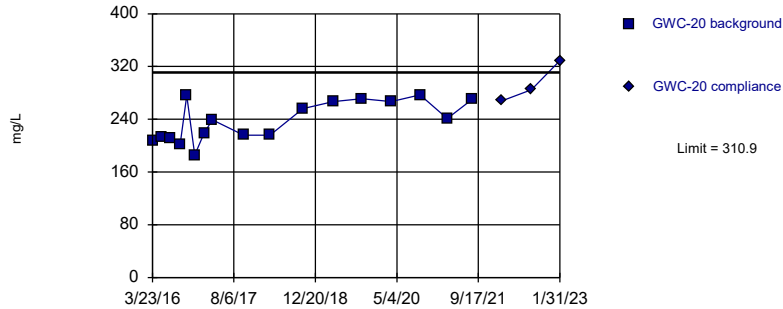


Background Data Summary: Mean=233.4, Std. Dev.=19.68, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.89, critical = 0.844. Kappa = 2.456 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Exceeds Limit

Prediction Limit Intrawell Parametric

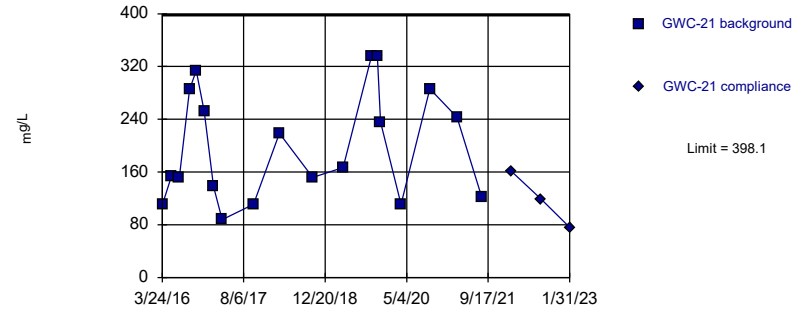


Background Data Summary: Mean=237.4, Std. Dev.=30.3, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

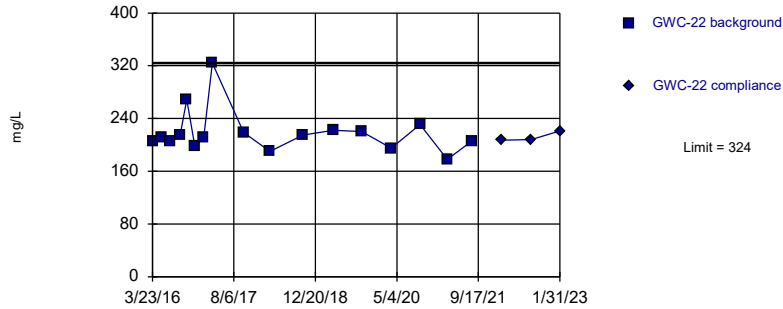


Background Data Summary: Mean=200.5, Std. Dev.=83.46, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Non-parametric

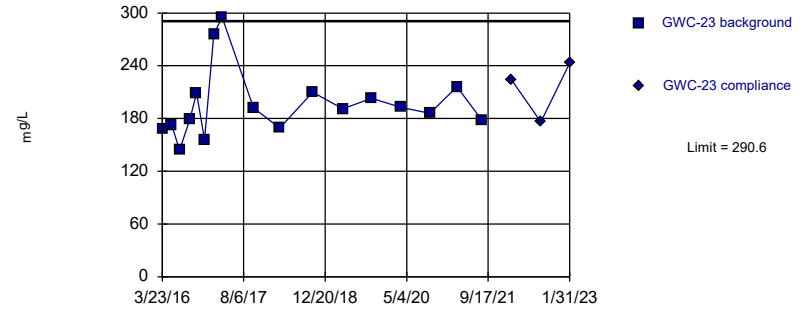


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 17 background values. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

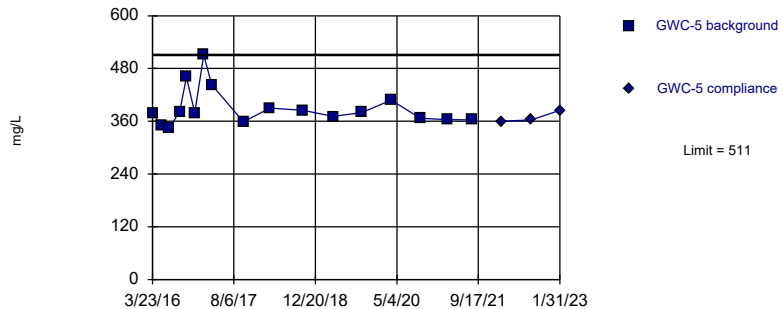


Background Data Summary: Mean=196.4, Std. Dev.=38.83, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8611, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

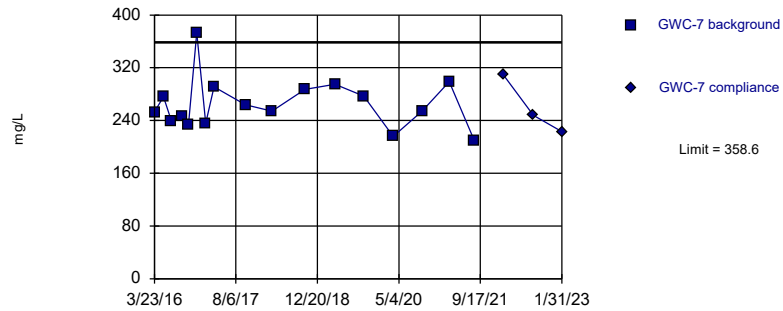
Within Limit

Prediction Limit Intrawell Non-parametric



Within Limit

Prediction Limit Intrawell Parametric

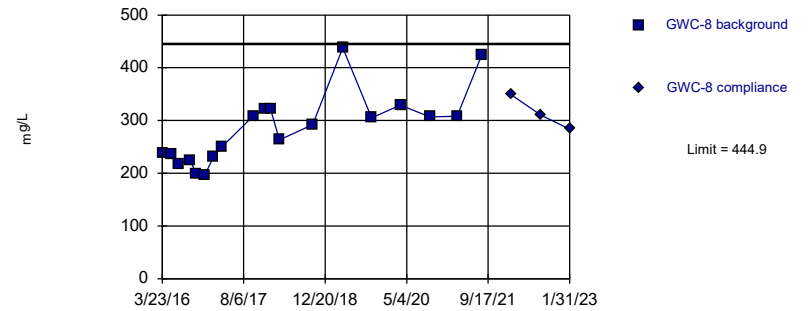


Background Data Summary: Mean=264.9, Std. Dev.=38.59, n=17. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9132, critical = 0.851. Kappa = 2.427 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric

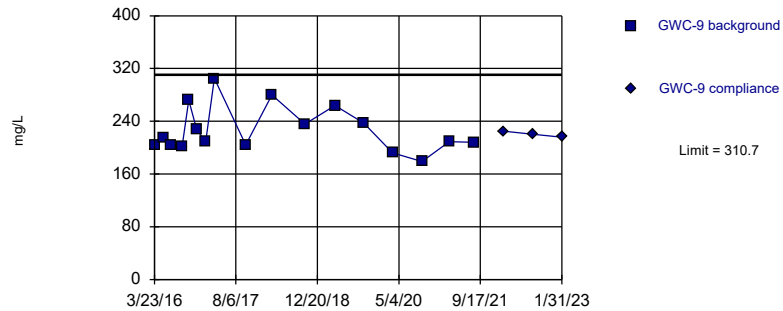


Background Data Summary: Mean=285, Std. Dev.=67.54, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.907, critical = 0.863. Kappa = 2.368 (c=7, w=12, 1 of 2, event alpha = 0.05132). Report alpha = 0.0006269.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:41 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit Intrawell Parametric



Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	<0.1	
5/17/2016	<0.1	
7/5/2016	0.0419 (J)	
9/7/2016	0.0174 (J)	
10/18/2016	0.0192 (J)	
12/6/2016	0.0182 (J)	
1/31/2017	0.0193 (J)	
3/23/2017	0.0192 (J)	
10/4/2017	0.0199 (J)	
3/14/2018	0.019 (J)	
10/4/2018	0.021 (J)	
4/8/2019	0.019 (J)	
9/30/2019	0.025 (J)	
3/26/2020	0.022 (J)	
9/23/2020	0.047 (J)	
3/8/2021	0.021 (J)	
8/9/2021	0.021 (J)	
2/4/2022		0.018 (J)
8/8/2022		0.026 (J)
1/30/2023		0.026 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	0.04 (J)	
5/17/2016	0.0358 (J)	
7/6/2016	0.0373 (J)	
9/7/2016	0.0352 (J)	
10/18/2016	0.0332 (J)	
12/6/2016	0.033 (J)	
2/1/2017	0.0365 (J)	
3/24/2017	0.0343 (J)	
10/5/2017	0.0325 (J)	
3/15/2018	0.037 (J)	
10/4/2018	0.035 (J)	
4/8/2019	0.034 (J)	
9/30/2019	0.039 (J)	
3/26/2020	0.041 (J)	
9/22/2020	0.038 (J)	
3/8/2021	0.042	
8/10/2021	0.034 (J)	
2/4/2022		0.037 (J)
8/8/2022		0.035 (J)
1/30/2023		0.038 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	0.0828 (J)	
5/17/2016	0.0844 (J)	
7/5/2016	0.0962 (J)	
9/7/2016	0.0884 (J)	
10/18/2016	0.0889 (J)	
12/7/2016	0.0954	
1/31/2017	0.0939	
3/23/2017	0.0869	
10/4/2017	0.0914	
3/14/2018	0.075	
10/4/2018	0.082	
4/8/2019	0.071 (J)	
9/30/2019	0.084	
3/26/2020	0.092 (J)	
9/21/2020	0.086 (J)	
3/9/2021	0.081	
8/9/2021	0.085	
2/4/2022		0.083
8/8/2022		0.087
1/30/2023		0.086

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	0.135	
5/17/2016	0.132	
7/5/2016	0.161	
9/7/2016	0.163	
10/18/2016	0.154	
12/6/2016	0.142	
2/1/2017	0.143	
3/23/2017	0.15	
10/4/2017	0.182	
3/15/2018	0.14	
10/4/2018	0.16	
4/5/2019	0.12	
9/30/2019	0.17	
3/26/2020	0.14	
9/23/2020	0.15	
3/8/2021	0.13	
8/9/2021	0.14	
2/4/2022		0.094
8/8/2022		0.15
1/30/2023		0.094

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	0.0815 (J)	
5/17/2016	0.0838 (J)	
7/6/2016	0.111	
9/7/2016	0.107	
10/18/2016	0.118	
12/6/2016	0.106	
2/1/2017	0.0949	
3/24/2017	0.0887	
10/4/2017	0.105	
3/15/2018	0.043	
10/4/2018	0.1	
4/8/2019	0.057 (J)	
9/30/2019	0.11	
3/26/2020	0.086 (J)	
9/23/2020	0.087 (J)	
3/8/2021	0.089	
8/9/2021	0.073	
2/4/2022		0.06
8/8/2022		0.077
1/30/2023		0.058

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	0.0354 (J)	
5/17/2016	0.0349 (J)	
7/6/2016	0.0308 (J)	
9/7/2016	0.0283 (J)	
10/18/2016	0.0292 (J)	
12/6/2016	0.0287 (J)	
2/2/2017	0.0334 (J)	
3/27/2017	0.0396 (J)	
10/5/2017	0.0294 (J)	
3/15/2018	0.038 (J)	
10/4/2018	0.038 (J)	
4/9/2019	0.035 (J)	
10/1/2019	0.031 (J)	
3/27/2020	0.04 (J)	
9/25/2020	0.036 (J)	
3/9/2021	0.037 (J)	
8/10/2021	0.033 (J)	
2/4/2022		0.037 (J)
8/9/2022		0.031 (J)
1/30/2023		0.038 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	0.122	
5/18/2016	0.139	
7/7/2016	0.12	
9/8/2016	0.126	
10/19/2016	0.133	
12/8/2016	0.119	
2/2/2017	0.132	
3/27/2017	0.134	
10/5/2017	0.125	
3/16/2018	0.12	
10/5/2018	0.15	
4/9/2019	0.12	
10/1/2019	0.14	
3/30/2020	0.13	
9/24/2020	0.13	
3/9/2021	0.13	
8/10/2021	0.14	
2/4/2022		0.12
8/9/2022		0.12
1/31/2023		0.12

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	0.173	
5/18/2016	0.186	
7/6/2016	0.184	
9/8/2016	0.173	
10/18/2016	0.171	
12/7/2016	0.203	
2/2/2017	0.187	
3/27/2017	0.182	
10/5/2017	0.166	
3/15/2018	0.17	
10/4/2018	0.17	
4/9/2019	0.17	
10/1/2019	0.17	
3/31/2020	0.18	
9/28/2020	0.17	
3/10/2021	0.16	
8/10/2021	0.14	
2/7/2022		0.15
8/9/2022		0.14
1/31/2023		0.13

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	<0.1	
5/18/2016	0.0229 (J)	
7/7/2016	0.0169 (J)	
9/8/2016	0.0178 (J)	
10/19/2016	0.018 (J)	
12/7/2016	0.0248 (J)	
2/3/2017	0.0171 (J)	
3/27/2017	0.0181 (J)	
10/5/2017	0.0178 (J)	
3/16/2018	0.016 (J)	
10/5/2018	0.017 (J)	
4/9/2019	0.011 (J)	
10/1/2019	0.019 (J)	
3/31/2020	0.024 (J)	
9/23/2020	0.018 (J)	
3/10/2021	0.018 (J)	
8/10/2021	0.013 (J)	
2/7/2022		0.015 (J)
8/9/2022		0.015 (J)
1/31/2023		0.015 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	0.0232 (J)	
5/18/2016	0.0289 (J)	
7/7/2016	0.0313 (J)	
9/8/2016	0.0593 (J)	
10/19/2016	0.087 (J)	
12/7/2016	0.127	
2/2/2017	0.0318 (J)	
3/27/2017	0.0225 (J)	
10/5/2017	0.0304 (J)	
3/15/2018	0.025 (J)	
10/4/2018	0.029 (J)	
4/9/2019	0.014 (J)	
10/1/2019	0.059	
3/31/2020	0.022 (J)	
9/24/2020	0.061 (J)	
3/9/2021	0.03 (J)	
8/10/2021	0.026 (J)	
2/7/2022		0.018 (J)
8/9/2022		0.029 (J)
1/31/2023		0.013 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	0.0649 (J)	
5/18/2016	0.0781 (J)	
7/7/2016	0.0621 (J)	
9/8/2016	0.0607 (J)	
10/19/2016	0.0733 (J)	
12/7/2016	0.0758	
2/2/2017	0.0729	
3/27/2017	0.0698	
10/5/2017	0.0677	
3/15/2018	0.07	
10/4/2018	0.065	
4/9/2019	0.063	
10/1/2019	0.066	
3/31/2020	0.067 (J)	
9/23/2020	0.061 (J)	
3/9/2021	0.065	
8/10/2021	0.057	
2/7/2022		0.064
8/9/2022		0.059
1/31/2023		0.052

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	<0.1	
5/19/2016	0.0212 (J)	
7/7/2016	0.0183 (J)	
9/8/2016	0.017 (J)	
10/19/2016	0.0203 (J)	
12/7/2016	0.0215 (J)	
2/3/2017	0.0812	
3/27/2017	0.125 (o)	
10/5/2017	0.0375 (J)	
3/15/2018	0.051	
10/5/2018	0.039 (J)	
4/8/2019	0.022 (J)	
10/1/2019	0.024 (J)	
3/26/2020	0.042 (J)	
9/23/2020	0.024 (J)	
3/9/2021	0.044	
8/10/2021	0.027 (J)	
2/7/2022		0.052
8/8/2022		0.022 (J)
1/31/2023		0.06

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	0.0509 (J)	
5/17/2016	0.0565 (J)	
7/6/2016	0.0628 (J)	
9/7/2016	0.0648 (J)	
10/18/2016	0.0666 (J)	
12/8/2016	0.062	
2/1/2017	0.0516	
3/23/2017	0.0597	
10/4/2017	0.0658	
3/16/2018	0.047	
10/4/2018	0.066	
4/9/2019	0.048	
10/1/2019	0.071	
3/31/2020	0.057 (J)	
9/25/2020	0.08 (J)	
3/9/2021	0.046	
8/10/2021	0.056	
2/4/2022		0.04
8/9/2022		0.058
1/31/2023		0.043

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	0.0379 (J)	
5/17/2016	0.0395 (J)	
7/6/2016	0.0393 (J)	
9/7/2016	0.04 (J)	
10/18/2016	0.0366 (J)	
12/8/2016	0.0397 (J)	
2/1/2017	0.0381 (J)	
3/23/2017	0.0416	
10/4/2017	0.0382 (J)	
3/16/2018	0.044	
5/16/2018	0.042	
10/4/2018	0.038 (J)	
4/8/2019	0.036 (J)	
10/1/2019	0.042	
3/31/2020	0.091 (Jo)	
6/18/2020	0.045 (JR)	
9/25/2020	0.047 (J)	
3/9/2021	0.038 (J)	
8/10/2021	0.037 (J)	
2/4/2022		0.039 (J)
8/8/2022		0.038 (J)
1/31/2023		0.037 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	0.0574 (J)	
5/18/2016	0.0686 (J)	
7/6/2016	0.0675 (J)	
9/7/2016	0.0582 (J)	
10/18/2016	0.0577 (J)	
12/8/2016	0.0572	
2/2/2017	0.0534	
3/24/2017	0.0532	
10/4/2017	0.0563	
3/15/2018	0.053	
10/4/2018	0.048	
4/8/2019	0.049 (J)	
10/1/2019	0.05	
3/30/2020	0.049 (J)	
9/24/2020	0.045 (J)	
3/9/2021	0.041	
8/10/2021	0.037 (J)	
2/4/2022		0.055
8/10/2022		0.046
1/31/2023		0.025 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	0.0213 (J)	
5/18/2016	0.028 (J)	
7/6/2016	0.0231 (J)	
9/8/2016	0.0234 (J)	
10/18/2016	0.0228 (J)	
12/8/2016	0.0251 (J)	
2/2/2017	0.0238 (J)	
3/24/2017	0.0234 (J)	
10/5/2017	0.0329 (J)	
3/14/2018	0.024 (J)	
10/4/2018	0.047 (J)	
4/8/2019	0.055 (J)	
10/1/2019	0.046	
3/27/2020	0.056 (J)	
6/19/2020	0.086 (JR)	
9/24/2020	0.055 (J)	
3/9/2021	0.05	
8/10/2021	0.088	
2/4/2022		0.055
8/9/2022		0.043
1/31/2023		0.029 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	<0.1	
5/18/2016	0.0202 (J)	
7/6/2016	0.0171 (J)	
9/8/2016	0.0157 (J)	
10/19/2016	0.0152 (J)	
12/8/2016	0.0178 (J)	
2/2/2017	0.0151 (J)	
3/27/2017	0.0203 (J)	
10/5/2017	0.0157 (J)	
3/15/2018	0.013 (J)	
10/5/2018	0.017 (J)	
4/8/2019	0.015 (J)	
10/1/2019	0.018 (J)	
3/27/2020	0.018 (J)	
9/24/2020	0.016 (J)	
3/9/2021	0.014 (J)	
8/10/2021	0.012 (J)	
2/4/2022		0.013 (J)
8/9/2022		0.014 (J)
1/31/2023		0.012 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	13.9	
5/17/2016	15.6	
7/5/2016	15.7	
9/7/2016	18.2	
10/18/2016	17.7	
12/6/2016	16.9	
1/31/2017	17.9	
3/23/2017	13.9	
10/4/2017	15.9	
3/14/2018	<25	
10/4/2018	15.9 (J)	
4/8/2019	15.7	
9/30/2019	17.6	
3/26/2020	14	
9/23/2020	17.6	
3/8/2021	16.2 (M1)	
8/9/2021	20.2	
2/4/2022		18.3
8/8/2022		17.2
1/30/2023		15.8 (M1)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	23.8	
5/17/2016	21.5	
7/6/2016	20.6	
9/7/2016	16.7	
10/18/2016	20.3	
12/6/2016	19.7	
2/1/2017	18.1	
3/24/2017	21.1	
10/5/2017	20.1	
3/15/2018	<25	
10/4/2018	21.3 (J)	
4/8/2019	22.4	
9/30/2019	19.6	
3/26/2020	22.4	
9/22/2020	19.5	
3/8/2021	22	
8/10/2021	20.8	
2/4/2022		23.7
8/8/2022		21.1
1/30/2023		20.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	47.4	
5/17/2016	45.5	
7/5/2016	40.5	
9/7/2016	37.3	
10/18/2016	46.6	
12/7/2016	43.5	
1/31/2017	39.2	
3/23/2017	38.7	
10/4/2017	36.5	
3/14/2018	39.5	
10/4/2018	41.7	
4/8/2019	44.1	
9/30/2019	44.6	
3/26/2020	43.2	
9/21/2020	45.8	
3/9/2021	48.7	
8/9/2021	49.9	
2/4/2022		57.6
8/8/2022		51.2
1/30/2023		46.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	79.3	
5/17/2016	75.8	
7/5/2016	65.3	
9/7/2016	59.8	
10/18/2016	72.4	
12/6/2016	78.6	
2/1/2017	85	
3/23/2017	81.2	
10/4/2017	78.8	
3/15/2018	83.5	
10/4/2018	75.2	
4/5/2019	76.5	
9/30/2019	74.7	
3/26/2020	78.7	
9/23/2020	76.2	
3/8/2021	73.5	
8/9/2021	73.2	
2/4/2022		59 (M1)
8/8/2022		61
1/30/2023		53.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	123	
5/17/2016	99.2	
7/6/2016	109	
9/7/2016	67.2	
10/18/2016	77.9	
12/6/2016	93.3	
2/1/2017	92.8	
3/24/2017	96.3	
10/4/2017	75.1	
3/15/2018	69.9	
10/4/2018	77.8	
4/8/2019	86.6	
9/30/2019	78.3	
3/26/2020	87.4	
9/23/2020	74.9	
3/8/2021	87.2	
8/9/2021	69.7	
2/4/2022		97.3
8/8/2022		68.9
1/30/2023		73.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	43.9	
5/17/2016	40.1	
7/6/2016	32.3	
9/7/2016	28.9	
10/18/2016	35.4	
12/6/2016	34.3	
2/2/2017	38.1	
3/27/2017	45.4	
10/5/2017	35.8	
3/15/2018	52.4	
5/15/2018	48.4	
10/4/2018	51.2	
12/11/2018	49.3	
4/9/2019	48.8	
10/1/2019	36.8	
3/27/2020	22.9	
9/25/2020	39.4	
3/9/2021	48.7	
8/10/2021	45.5	
2/4/2022		52.8
8/9/2022		43.9
1/30/2023		43.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	40.7	
5/18/2016	41.9	
7/7/2016	36.8	
9/8/2016	35.9	
10/19/2016	38.7	
12/8/2016	39.4	
2/2/2017	41.5	
3/27/2017	39.1	
10/5/2017	41.6	
3/16/2018	45.9	
5/16/2018	40	
10/5/2018	39.6	
4/9/2019	41.4	
10/1/2019	38.7	
3/30/2020	45.7	
9/24/2020	36.9	
3/9/2021	44.9	
8/10/2021	48.2	
2/4/2022		56.1
8/9/2022		44.4
1/31/2023		40.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	43.9	
5/18/2016	48.2	
7/6/2016	45.8	
9/8/2016	40.9	
10/18/2016	45.5	
12/7/2016	40.6	
2/2/2017	42.4	
3/27/2017	45.5	
10/5/2017	42.9	
3/15/2018	43.3	
10/4/2018	43.7	
4/9/2019	45.8	
10/1/2019	42.3	
3/31/2020	52.3	
6/19/2020	41.3 (R)	
9/28/2020	44.7	
3/10/2021	47.4	
8/10/2021	44.9	
2/7/2022		49
8/9/2022		48.7
1/31/2023		42.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	56.3	
5/18/2016	59	
7/7/2016	50.9	
9/8/2016	48	
10/19/2016	49.7	
12/7/2016	46.4	
2/3/2017	49	
3/27/2017	50.7	
10/5/2017	52	
3/16/2018	53.4	
10/5/2018	52.7	
4/9/2019	57.1	
10/1/2019	59.1	
3/31/2020	63.6	
6/19/2020	61.4 (R)	
9/23/2020	55.8	
3/10/2021	64.9	
8/10/2021	62	
2/7/2022		68.7
8/9/2022		66.3
1/31/2023		62

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	31.4	
5/18/2016	39.2	
7/7/2016	36	
9/8/2016	70	
10/19/2016	63	
12/7/2016	54.7	
2/2/2017	37.4	
3/27/2017	20.9	
10/5/2017	26.8	
3/15/2018	62.8	
10/4/2018	48.6	
4/9/2019	35.4	
10/1/2019	82.8	
11/6/2019	74.9	
11/26/2019	45.8	
3/31/2020	25.6	
9/24/2020	73.4	
3/9/2021	67.8	
8/10/2021	29.7	
2/7/2022		39.7
8/9/2022		30.2
1/31/2023		16.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	49.9	
5/18/2016	50.7	
7/7/2016	45.5	
9/8/2016	46.8	
10/19/2016	47.3	
12/7/2016	45.3	
2/2/2017	49.9	
3/27/2017	45.8	
10/5/2017	47.3	
3/15/2018	46.8	
10/4/2018	50.4	
4/9/2019	47.3	
10/1/2019	46.9	
3/31/2020	51.5	
9/23/2020	45.9	
3/9/2021	48.7	
8/10/2021	48.1	
2/7/2022		52.6
8/9/2022		51.3
1/31/2023		43.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	36.4	
5/19/2016	41.5	
7/7/2016	33.5	
9/8/2016	34.7	
10/19/2016	33.4	
12/7/2016	35.5	
2/3/2017	31.7	
3/27/2017	32	
10/5/2017	41	
3/15/2018	39.8	
10/5/2018	39.3	
4/8/2019	39.8	
10/1/2019	39.1	
3/26/2020	44.7	
9/23/2020	39.2	
3/9/2021	54.3	
8/10/2021	48.2	
2/7/2022		64.9
8/8/2022		40.6
1/31/2023		58.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	79	
5/17/2016	74.6	
7/6/2016	66.9	
9/7/2016	61.6	
10/18/2016	71.6	
12/8/2016	67.6	
2/1/2017	82.5	
3/23/2017	84.4	
10/4/2017	70.8	
3/16/2018	78.1	
10/4/2018	73	
4/9/2019	73.9	
10/1/2019	70.6	
3/31/2020	84.2	
9/25/2020	77.1	
3/9/2021	85.4	
8/10/2021	78.3	
2/4/2022		79.5
8/9/2022		76.6
1/31/2023		75.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	64.1	
5/17/2016	62.8	
7/6/2016	59.5	
9/7/2016	53.7	
10/18/2016	62.3	
12/8/2016	58.8	
2/1/2017	59.6	
3/23/2017	62.9	
10/4/2017	62.4	
3/16/2018	66.9	
10/4/2018	65.5	
4/8/2019	67	
10/1/2019	64.2	
3/31/2020	70.6	
9/25/2020	71.3	
3/9/2021	70.8	
8/10/2021	67.7	
2/4/2022		71.2
8/8/2022		70.5
1/31/2023		62.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	45.2	
5/18/2016	46.5	
7/6/2016	29.1	
9/7/2016	19.2	
10/18/2016	22.6	
12/8/2016	17.5	
2/2/2017	54.4	
3/24/2017	56.8	
10/4/2017	30.5	
3/15/2018	43.4	
10/4/2018	26.1	
4/8/2019	56.1	
10/1/2019	28.5	
3/30/2020	47.8	
9/24/2020	39.5	
3/9/2021	64.3	
8/10/2021	40.5	
2/4/2022		68.3
8/10/2022		33.3
1/31/2023		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	69.1	
5/18/2016	63.7	
7/6/2016	56.8	
9/8/2016	51.3	
10/18/2016	52.6	
12/8/2016	43.7	
2/2/2017	56.5	
3/24/2017	64.4	
10/5/2017	59.9	
3/14/2018	58.8	
10/4/2018	264 (o)	
12/11/2018	64.3	
4/8/2019	81.5	
6/18/2019	83.7	
6/27/2019	75.9	
10/1/2019	64	
3/27/2020	87.3	
9/24/2020	81.4	
3/9/2021	83.2	
8/10/2021	111	
2/4/2022		92.6
8/9/2022		83.8
1/31/2023		69.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	36	
5/18/2016	37.3	
7/6/2016	32.8	
9/8/2016	32.1	
10/19/2016	35	
12/8/2016	33.4	
2/2/2017	34.3	
3/27/2017	34.9	
10/5/2017	34.7	
3/15/2018	35.3	
10/5/2018	37.8	
4/8/2019	36.3	
10/1/2019	37.2	
3/27/2020	34.3	
9/24/2020	35.9	
3/9/2021	36.8	
8/10/2021	38.1	
2/4/2022		39.8
8/9/2022		38.6
1/31/2023		34.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	1.1933	
5/17/2016	1.14	
7/5/2016	1.4	
9/7/2016	1	
10/18/2016	1.1	
12/6/2016	1	
1/31/2017	1.2	
3/23/2017	1.1	
10/4/2017	1.1	
3/14/2018	1.2	
10/4/2018	1.4	
4/8/2019	1.1	
9/30/2019	1.4	
3/26/2020	1.1	
9/23/2020	1.6	
3/8/2021	1.1	
8/9/2021	1.1	
2/4/2022		0.99 (J)
8/8/2022		1.2
1/30/2023		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	1.3137	
5/17/2016	1.29	
7/6/2016	1.6	
9/7/2016	1.5	
10/18/2016	1.6	
12/6/2016	1.2	
2/1/2017	2.1	
3/24/2017	1.3	
10/5/2017	1.3	
3/15/2018	1.6	
10/4/2018	1.8	
4/8/2019	1.3	
9/30/2019	1.5	
3/26/2020	1.4	
9/22/2020	1	
3/8/2021	1.3	
8/10/2021	1.2	
2/4/2022		1.2
8/8/2022		1.3
1/30/2023		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	2.0975	
5/17/2016	2.1	
7/5/2016	2.4	
9/7/2016	2.5	
10/18/2016	2.7	
12/7/2016	2.6	
1/31/2017	2.5	
3/23/2017	2	
10/4/2017	2.2	
3/14/2018	2.4	
10/4/2018	2.5	
4/8/2019	2.6	
9/30/2019	3	
3/26/2020	2	
9/21/2020	2.1	
3/9/2021	2.1	
8/9/2021	2.4	
2/4/2022		2.3
8/8/2022		2.5
1/30/2023		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	4.0352	
5/17/2016	3.81	
7/5/2016	4	
9/7/2016	4.2	
10/18/2016	4.4	
12/6/2016	4.6	
2/1/2017	3.7	
3/23/2017	3.5	
10/4/2017	3.6	
3/15/2018	3.8	
10/4/2018	3.4	
4/5/2019	4.2	
9/30/2019	4.1	
3/26/2020	2.6	
9/23/2020	2.8	
3/8/2021	2.8	
8/9/2021	2.1	
2/4/2022		1.1
8/8/2022		1.9
1/30/2023		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	5.549	
5/17/2016	6.74	
7/6/2016	5.2	
9/7/2016	7.2	
10/18/2016	7.4	
12/6/2016	7.6	
2/1/2017	8.5	
3/24/2017	7	
10/4/2017	7.4	
3/15/2018	1.7	
10/4/2018	6.1	
4/8/2019	3.6	
9/30/2019	7.5	
3/26/2020	5.4	
9/23/2020	4.2	
3/8/2021	5.6	
8/9/2021	3	
2/4/2022		3.3 (M1)
8/8/2022		2.4
1/30/2023		3.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	1.3507	
5/17/2016	1.28	
7/6/2016	1.5	
9/7/2016	1.5	
10/18/2016	1.4	
12/6/2016	1.3	
2/2/2017	1.8	
3/27/2017	1.7	
10/5/2017	1.5	
3/15/2018	2	
5/15/2018	1.4	
10/4/2018	2.1	
12/11/2018	1.9	
4/9/2019	1.9	
10/1/2019	1.5	
3/27/2020	1.2	
9/25/2020	1.1	
3/9/2021	1.1	
8/10/2021	1.2	
2/4/2022		1.3
8/9/2022		1.3
1/30/2023		1.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	1.1313	
5/19/2016	1.13	
7/7/2016	1.5	
9/8/2016	1.4	
10/19/2016	1.4	
12/8/2016	1.4	
2/2/2017	1.6	
3/27/2017	1.5	
10/5/2017	1.4	
3/16/2018	1.5	
10/5/2018	1.5	
4/9/2019	1.6	
10/1/2019	0.94 (J)	
3/30/2020	1	
9/24/2020	0.94 (J)	
3/9/2021	0.97 (J)	
8/10/2021	0.93 (J)	
2/4/2022		0.88 (J)
8/9/2022		1.1
1/31/2023		0.8 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	1.6497	
5/18/2016	1.74	
7/6/2016	2.1	
9/8/2016	1.9	
10/18/2016	2.1	
12/7/2016	2	
2/2/2017	2.3	
3/27/2017	2.1	
10/5/2017	1.9	
3/15/2018	1.9	
10/4/2018	2	
4/9/2019	1.9	
10/1/2019	1.3	
3/31/2020	1.3	
9/28/2020	1.3	
3/10/2021	1.3	
8/10/2021	1.2	
2/7/2022		1.1
8/9/2022		1.6
1/31/2023		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	1.4238	
5/18/2016	1.57	
7/7/2016	1.7	
9/8/2016	1.5	
10/19/2016	1.7	
12/7/2016	1.8	
2/3/2017	2	
3/27/2017	1.8	
10/5/2017	5.5 (o)	
12/14/2017	1.5	
3/16/2018	1.9	
10/5/2018	2.2	
12/11/2018	1.8	
4/9/2019	1.8	
10/1/2019	1.1	
3/31/2020	1.1	
9/23/2020	1.1	
3/10/2021	1.2	
8/10/2021	1.2	
2/7/2022		1.2
8/9/2022		0.93 (J)
1/31/2023		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	2.461	
5/18/2016	2.61	
7/7/2016	2.8	
9/8/2016	2.3	
10/19/2016	2.4	
12/7/2016	2.2	
2/2/2017	3.4	
3/27/2017	2.7	
10/5/2017	3.3	
3/15/2018	3.6	
5/15/2018	3.2	
10/4/2018	2.4	
4/9/2019	2.6	
10/1/2019	2	
3/31/2020	1.5	
9/24/2020	1.8	
3/9/2021	1.8	
8/10/2021	2	
2/7/2022		2.7
8/9/2022		4
1/31/2023		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	1.2595	
5/18/2016	1.25	
7/7/2016	1.7	
9/8/2016	1.5	
10/19/2016	1.6	
12/7/2016	1.5	
2/2/2017	1.8	
3/27/2017	1.5	
10/5/2017	1.6	
3/15/2018	1.7	
10/4/2018	1.7	
4/9/2019	1.7	
10/1/2019	1.4	
3/31/2020	1	
9/23/2020	1.1	
3/9/2021	1	
8/10/2021	1.1	
2/7/2022		1
8/9/2022		0.81 (J)
1/31/2023		1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	1.5409	
5/19/2016	1.23	
7/7/2016	1.7	
9/8/2016	1.6	
10/19/2016	1.6	
12/7/2016	1.7	
2/3/2017	1.9	
3/27/2017	1.7	
10/5/2017	1.4	
3/15/2018	1.6	
10/5/2018	1.6	
4/8/2019	1.5	
10/1/2019	1.1	
3/26/2020	0.63 (J)	
9/23/2020	1.1	
3/9/2021	0.85 (J)	
8/10/2021	1	
2/7/2022		0.7 (J)
8/8/2022		1.3
1/31/2023		<1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	2.5045	
5/17/2016	2.47	
7/6/2016	2.9	
9/7/2016	2.8	
10/18/2016	2.8	
12/8/2016	3.1	
2/1/2017	3.8	
3/23/2017	3.4	
10/4/2017	3.7	
3/16/2018	3.2	
10/4/2018	3.2	
4/9/2019	3.3	
10/1/2019	2.2	
3/31/2020	2	
9/25/2020	2.3	
3/9/2021	2	
8/10/2021	2.3	
2/4/2022		1.9
8/9/2022		2.4
1/31/2023		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	1.7709	
5/17/2016	1.75	
7/6/2016	2	
9/7/2016	2	
10/18/2016	2	
12/8/2016	2	
2/1/2017	2.2	
3/23/2017	2	
10/4/2017	1.7	
3/16/2018	2.1	
10/4/2018	2.2	
4/8/2019	2.1	
10/1/2019	1.6	
3/31/2020	1.5	
9/25/2020	1.6	
3/9/2021	1.5	
8/10/2021	1.6	
2/4/2022		1.6
8/8/2022		1.9
1/31/2023		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	1.1569	
5/18/2016	1.35	
7/6/2016	1.9	
9/7/2016	1.7	
10/18/2016	1.8	
12/8/2016	1.6	
2/2/2017	2	
3/24/2017	1.3	
10/4/2017	1.7	
3/15/2018	1.9	
10/4/2018	2	
4/8/2019	1.9	
10/1/2019	1.2	
3/30/2020	9.2 (o)	
6/19/2020	1.4 (R)	
9/24/2020	1.4	
3/9/2021	1.5	
8/10/2021	1.6	
2/4/2022		1.8
8/10/2022		1.7
1/31/2023		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	1.4936	
5/19/2016	1.35	
7/6/2016	1.6	
9/8/2016	1.4	
10/18/2016	1.4	
12/8/2016	1.5	
2/2/2017	1.7	
3/24/2017	2.1	
10/5/2017	2	
3/14/2018	2.1	
10/4/2018	2.3	
12/11/2018	2.3	
1/11/2019	2.8	
4/8/2019	3.2	
10/1/2019	1.8	
3/27/2020	2.5	
9/24/2020	2.2	
3/9/2021	2.2	
8/10/2021	2.7	
2/4/2022		3.2
8/9/2022		2.1
1/31/2023		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	0.9561	
5/19/2016	0.972	
7/6/2016	1.3	
9/8/2016	1	
10/19/2016	1.1	
12/8/2016	1.3	
2/2/2017	1.6	
3/27/2017	1.4	
10/5/2017	1.1	
3/15/2018	1.3	
10/5/2018	1.6	
4/8/2019	1	
10/1/2019	0.91 (J)	
3/27/2020	0.74 (J)	
9/24/2020	0.82 (J)	
3/9/2021	0.74 (J)	
8/10/2021	0.85 (J)	
2/4/2022		0.78 (J)
8/9/2022		1
1/31/2023		0.72 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	0.119 (J)	
5/17/2016	0.1049 (J)	
7/5/2016	0.1 (J)	
9/7/2016	0.13 (J)	
10/18/2016	0.15 (J)	
12/6/2016	0.11 (J)	
1/31/2017	0.02 (J)	
3/23/2017	0.08 (J)	
10/4/2017	0.07 (J)	
3/14/2018	<0.3	
10/4/2018	0.17 (J)	
4/8/2019	0.057 (J)	
9/30/2019	0.11 (J)	
3/26/2020	0.082 (J)	
9/23/2020	0.089 (J)	
3/8/2021	0.094 (J)	
8/9/2021	0.083 (J)	
2/4/2022		0.087 (J)
8/8/2022		0.11
1/30/2023		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	0.0811 (J)	
5/17/2016	0.0706 (J)	
7/6/2016	0.09 (J)	
9/7/2016	0.04 (J)	
10/18/2016	0.07 (J)	
12/6/2016	0.13 (J)	
2/1/2017	<0.3	
3/24/2017	0.01 (J)	
10/5/2017	<0.3	
3/15/2018	<0.3	
10/4/2018	0.15 (J)	
4/8/2019	0.035 (J)	
9/30/2019	0.099 (J)	
3/26/2020	0.057 (J)	
9/22/2020	0.061 (J)	
3/8/2021	0.11	
8/10/2021	0.068 (J)	
2/4/2022		0.068 (J)
8/8/2022		0.1
1/30/2023		0.09 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	0.1252 (J)	
5/17/2016	0.1091 (J)	
7/5/2016	0.16 (J)	
9/7/2016	0.18 (J)	
10/18/2016	0.13 (J)	
12/7/2016	0.13 (J)	
1/31/2017	0.04 (J)	
3/23/2017	0.08 (J)	
10/4/2017	0.11 (J)	
3/14/2018	<0.3	
10/4/2018	0.25 (J)	
4/8/2019	0.072 (J)	
9/30/2019	0.14 (J)	
3/26/2020	0.12 (J)	
9/21/2020	0.12	
3/9/2021	0.099 (J)	
8/9/2021	0.081 (J)	
2/4/2022		0.085 (J)
8/8/2022		0.1
1/30/2023		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	0.1415 (J)	
5/17/2016	0.1293 (J)	
7/5/2016	0.21 (J)	
9/7/2016	0.21 (J)	
10/18/2016	0.15 (J)	
12/6/2016	0.19 (J)	
2/1/2017	0.35	
3/23/2017	0.39	
10/4/2017	0.49	
3/15/2018	<0.3	
10/4/2018	0.24 (J)	
4/5/2019	0.31	
9/30/2019	0.15 (J)	
3/26/2020	0.09 (J)	
9/23/2020	0.11	
3/8/2021	0.13	
8/9/2021	0.1	
2/4/2022		0.084 (J)
8/8/2022		0.11
1/30/2023		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	0.1754 (J)	
5/17/2016	0.1385 (J)	
7/6/2016	0.22 (J)	
9/7/2016	0.2 (J)	
10/18/2016	0.16 (J)	
12/6/2016	0.29 (J)	
2/1/2017	0.48	
3/24/2017	0.12 (J)	
10/4/2017	0.2 (J)	
3/15/2018	0.4	
10/4/2018	0.24 (J)	
4/8/2019	0.12 (J)	
9/30/2019	0.17 (J)	
3/26/2020	0.089 (J)	
9/23/2020	0.13	
3/8/2021	0.1	
8/9/2021	0.12	
2/4/2022		0.11 (M1)
8/8/2022		0.12
1/30/2023		0.12

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	0.1069 (J)	
5/17/2016	0.0991 (J)	
7/6/2016	0.09 (J)	
9/7/2016	0.13 (J)	
10/18/2016	0.16 (J)	
12/6/2016	0.12 (J)	
2/2/2017	0.07 (J)	
3/27/2017	0.05 (J)	
10/5/2017	0.11 (J)	
3/15/2018	<0.3	
10/4/2018	0.16 (J)	
4/9/2019	0.067 (J)	
10/1/2019	0.07 (J)	
3/27/2020	<0.3	
9/25/2020	0.085 (J)	
3/9/2021	0.078 (J)	
8/10/2021	0.078 (J)	
2/4/2022		0.07 (J)
8/9/2022		0.096 (J)
1/30/2023		0.096 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	0.1459 (J)	
5/19/2016	0.1408 (J)	
7/7/2016	0.2 (J)	
9/8/2016	0.14 (J)	
10/19/2016	0.14 (J)	
12/8/2016	0.16 (J)	
2/2/2017	0.17 (J)	
3/27/2017	0.11 (J)	
10/5/2017	0.13 (J)	
3/16/2018	<0.3	
10/5/2018	0.21 (J)	
4/9/2019	0.1 (J)	
10/1/2019	0.11 (J)	
3/30/2020	0.1 (J)	
9/24/2020	0.11	
3/9/2021	0.11	
8/10/2021	0.11	
2/4/2022		0.12
8/9/2022		0.13
1/31/2023		0.15

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	0.1652 (J)	
5/18/2016	0.1459 (J)	
7/6/2016	0.21 (J)	
9/8/2016	0.15 (J)	
10/18/2016	0.19 (J)	
12/7/2016	0.24 (J)	
2/2/2017	0.1 (J)	
3/27/2017	0.11 (J)	
10/5/2017	0.13 (J)	
3/15/2018	<0.3	
10/4/2018	0.21 (J)	
4/9/2019	0.1 (J)	
10/1/2019	0.11 (J)	
3/31/2020	0.099 (J)	
9/28/2020	0.11	
3/10/2021	0.11	
8/10/2021	0.11	
2/7/2022		0.1
8/9/2022		0.14
1/31/2023		0.14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	0.0905 (J)	
5/18/2016	0.0864 (J)	
7/7/2016	0.16 (J)	
9/8/2016	0.08 (J)	
10/19/2016	0.09 (J)	
12/7/2016	0.11 (J)	
2/3/2017	0.06 (J)	
3/27/2017	0.04 (J)	
10/5/2017	0.05 (J)	
3/16/2018	<0.3	
10/5/2018	0.17 (J)	
4/9/2019	0.056 (J)	
10/1/2019	0.069 (J)	
3/31/2020	0.054 (J)	
9/23/2020	0.065 (J)	
3/10/2021	0.068 (J)	
8/10/2021	0.066 (J)	
2/7/2022		0.058 (J)
8/9/2022		0.11
1/31/2023		0.094 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	0.0445 (J)	
5/18/2016	0.0476 (J)	
7/7/2016	0.12 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.13 (J)	
12/7/2016	0.23 (J)	
2/2/2017	0.11 (J)	
3/27/2017	0.01 (J)	
10/5/2017	<0.1	
3/15/2018	<0.1	
10/4/2018	0.15 (J)	
4/9/2019	0.063 (J)	
10/1/2019	0.094 (J)	
3/31/2020	<0.1	
9/24/2020	0.1	
3/9/2021	0.058 (J)	
8/10/2021	<0.1	
2/7/2022		<0.1
8/9/2022		0.079 (J)
1/31/2023		0.062 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	0.0886 (J)	
5/18/2016	0.0839 (J)	
7/7/2016	0.08 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.1 (J)	
12/7/2016	0.09 (J)	
2/2/2017	0.05 (J)	
3/27/2017	0.08 (J)	
10/5/2017	0.08 (J)	
3/15/2018	<0.3	
10/4/2018	0.14 (J)	
4/9/2019	0.063 (J)	
10/1/2019	0.079 (J)	
3/31/2020	0.055 (J)	
9/23/2020	0.073 (J)	
3/9/2021	0.067 (J)	
8/10/2021	0.071 (J)	
2/7/2022		0.059 (J)
8/9/2022		0.11
1/31/2023		0.095 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	0.1064 (J)	
5/19/2016	0.0928 (J)	
7/7/2016	0.13 (J)	
9/8/2016	0.12 (J)	
10/19/2016	0.1 (J)	
12/7/2016	0.1 (J)	
2/3/2017	0.12 (J)	
3/27/2017	0.14 (J)	
10/5/2017	0.09 (J)	
3/15/2018	<0.3	
10/5/2018	0.18 (J)	
4/8/2019	0.057 (J)	
10/1/2019	0.079 (J)	
3/26/2020	0.064 (J)	
9/23/2020	0.088 (J)	
3/9/2021	0.069 (J)	
8/10/2021	0.087 (J)	
2/7/2022		0.082 (J)
8/8/2022		0.1
1/31/2023		0.11

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	0.0582 (J)	
5/17/2016	0.0571 (J)	
7/6/2016	0.29 (J)	
9/7/2016	0.08 (J)	
10/18/2016	0.09 (J)	
12/8/2016	0.06 (J)	
2/1/2017	0.33	
3/23/2017	0.07 (J)	
10/4/2017	<0.1	
3/16/2018	<0.1	
10/4/2018	0.16 (J)	
4/9/2019	0.061 (J)	
10/1/2019	0.064 (J)	
3/31/2020	<0.1	
9/25/2020	0.058 (J)	
3/9/2021	0.05 (J)	
8/10/2021	0.057 (J)	
2/4/2022		<0.1
8/9/2022		0.077 (J)
1/31/2023		0.074 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	0.0791 (J)	
5/17/2016	0.0712 (J)	
7/6/2016	0.28 (J)	
9/7/2016	0.08 (J)	
10/18/2016	0.07 (J)	
12/8/2016	0.13 (J)	
2/1/2017	0.24 (J)	
3/23/2017	0.04 (J)	
10/4/2017	0.03 (J)	
3/16/2018	<0.3	
10/4/2018	0.17 (J)	
4/8/2019	<0.3	
10/1/2019	0.063 (J)	
3/31/2020	0.053 (J)	
9/25/2020	0.063 (J)	
3/9/2021	0.06 (J)	
8/10/2021	0.057 (J)	
2/4/2022		0.058 (J)
8/8/2022		0.083 (J)
1/31/2023		0.098 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	0.2004 (J)	
5/18/2016	0.1766 (J)	
7/6/2016	0.39	
9/7/2016	0.53	
10/18/2016	0.24 (J)	
12/8/2016	0.24 (J)	
2/2/2017	0.3 (J)	
3/24/2017	0.22 (J)	
10/4/2017	0.19 (J)	
3/15/2018	0.37	
10/4/2018	0.19 (J)	
4/8/2019	0.17 (J)	
10/1/2019	0.16 (J)	
3/30/2020	0.16 (J)	
9/24/2020	0.14	
3/9/2021	0.17	
8/10/2021	0.19	
2/4/2022		0.14
8/10/2022		0.14
1/31/2023		0.26

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	0.1537 (J)	
5/19/2016	0.1414 (J)	
7/6/2016	0.15 (J)	
9/8/2016	0.35	
10/18/2016	0.17 (J)	
12/8/2016	0.15 (J)	
2/2/2017	0.1 (J)	
3/24/2017	0.14 (J)	
10/5/2017	0.15 (J)	
3/14/2018	0.4	
5/16/2018	0.32	
10/4/2018	0.28 (J)	
4/8/2019	0.1 (J)	
10/1/2019	0.13 (J)	
3/27/2020	0.12 (J)	
9/24/2020	0.15	
3/9/2021	0.12	
8/10/2021	0.13	
2/4/2022		0.12
8/9/2022		0.14
1/31/2023		0.18

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	0.0993 (J)	
5/19/2016	0.0936 (J)	
7/6/2016	0.09 (J)	
9/8/2016	0.11 (J)	
10/19/2016	0.1 (J)	
12/8/2016	0.11 (J)	
2/2/2017	0.05 (J)	
3/27/2017	0.07 (J)	
10/5/2017	0.06 (J)	
3/15/2018	<0.3	
10/5/2018	0.18 (J)	
4/8/2019	0.058 (J)	
10/1/2019	0.078 (J)	
3/27/2020	0.078 (J)	
9/24/2020	0.076 (J)	
3/9/2021	0.08 (J)	
8/10/2021	0.076 (J)	
2/4/2022		0.076 (J)
8/9/2022		0.094 (J)
1/31/2023		0.11

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	7.07	
5/17/2016	7	
7/5/2016	6.88	
9/7/2016	7.24	
10/18/2016	6.86	
12/6/2016	6.98	
1/31/2017	6.63	
3/23/2017	7.12	
10/4/2017	6.83	
3/14/2018	6.66	
10/4/2018	6.92	
4/8/2019	6.86	
9/30/2019	7.15	
3/26/2020	7.02	
9/23/2020	6.98	
3/8/2021	6.86	
8/9/2021	7.23	
2/4/2022		7.18
8/8/2022		7.28
1/30/2023		7.22

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	7	
5/17/2016	6.77	
7/6/2016	6.64	
9/7/2016	6.83	
10/18/2016	6.58	
12/6/2016	6.66	
2/1/2017	6.5	
3/24/2017	6.72	
10/5/2017	6.69	
3/15/2018	6.48	
10/4/2018	6.66	
4/8/2019	6.61	
9/30/2019	6.86	
3/26/2020	6.83	
9/22/2020	6.8	
3/8/2021	6.78	
8/10/2021	6.84	
2/4/2022		6.92
8/8/2022		6.55
1/30/2023		7

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	7.19	
5/17/2016	6.94	
7/5/2016	6.98	
9/7/2016	6.86	
10/18/2016	6.71	
12/7/2016	6.71	
1/31/2017	6.95	
3/23/2017	7.04	
10/4/2017	6.86	
3/14/2018	6.76	
10/4/2018	6.62	
4/8/2019	6.79	
9/30/2019	6.86	
3/26/2020	7.07	
9/21/2020	6.9	
3/9/2021	6.93	
8/9/2021	6.9	
2/4/2022		6.98
8/8/2022		7.03
1/30/2023		7.05

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	7.11	
5/17/2016	6.95	
7/5/2016	6.55	
9/7/2016	6.81	
10/18/2016	6.64	
12/6/2016	6.34	
2/1/2017	6.68	
3/23/2017	6.8	
10/4/2017	6.64	
3/15/2018	6.88	
10/4/2018	6.62	
4/5/2019	6.77	
9/30/2019	6.73	
3/26/2020	6.87	
9/23/2020	6.87	
3/8/2021	6.95	
8/9/2021	6.89	
2/4/2022		6.75
8/8/2022		6.59
1/30/2023		6.82

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	7.14	
5/17/2016	6.67	
7/6/2016	6.53	
9/7/2016	6.72	
10/18/2016	6.73	
12/6/2016	6.61	
2/1/2017	6.7	
3/24/2017	6.77	
10/4/2017	6.52	
3/15/2018	7.11	
10/4/2018	6.72	
4/8/2019	6.82	
9/30/2019	6.77	
3/26/2020	6.74	
9/23/2020	6.81	
3/8/2021	6.84	
8/9/2021	6.76	
2/4/2022		7.11
8/8/2022		6.73
1/30/2023		6.94

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	7.56	
5/17/2016	7.46	
7/6/2016	7.24	
9/7/2016	7.4	
10/18/2016	7.11	
12/6/2016	7.32	
2/2/2017	7.19	
3/27/2017	7.48	
10/5/2017	7.13	
3/15/2018	7.08	
10/4/2018	7.26	
4/9/2019	7.22	
10/1/2019	7.07	
3/27/2020	6.82	
6/19/2020	7.4 (R)	
9/25/2020	7.28	
3/9/2021	7.43	
8/10/2021	7.45	
2/4/2022		7.51
8/9/2022		7.36
1/30/2023		7.6

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	7.71	
5/18/2016	7.59	
7/7/2016	7.55	
9/8/2016	7.54	
10/19/2016	7.66	
12/8/2016	7.47	
2/2/2017	7.64	
3/27/2017	7.59	
10/5/2017	7.65	
3/16/2018	7.51	
10/5/2018	7.57	
4/9/2019	7.48	
10/1/2019	7.65	
3/30/2020	7.65	
9/24/2020	7.62	
3/9/2021	7.66	
8/10/2021	7.4	
2/4/2022		7.73
8/9/2022		7.47
1/31/2023		7.56

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	7.69	
5/18/2016	7.49	
7/6/2016	7.39	
9/8/2016	7.57	
10/18/2016	7.35	
12/7/2016	7.42	
2/2/2017	7.43	
3/27/2017	7.53	
10/5/2017	7.36	
3/15/2018	7.54	
10/4/2018	7.44	
4/9/2019	7.4	
10/1/2019	7.31	
3/31/2020	7.62	
6/19/2020	7.61 (R)	
9/28/2020	7.78	
11/10/2020	7.37 (R)	
3/10/2021	7.49	
8/10/2021	7.49	
2/7/2022		7.61
8/9/2022		7.42
1/31/2023		7.65

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	7.55	
5/18/2016	7.32	
7/7/2016	7.39	
9/8/2016	7.34	
10/19/2016	7.35	
12/7/2016	7.35	
2/3/2017	7.37	
3/27/2017	7.26	
10/5/2017	7.2	
3/16/2018	7.13	
5/15/2018	7.18	
10/5/2018	7.07	
12/11/2018	7.16	
4/9/2019	7.26	
10/1/2019	7.16	
3/31/2020	7.57	
6/19/2020	7.31 (R)	
9/23/2020	7.11	
3/10/2021	7.41	
8/10/2021	7.31	
2/7/2022		7.57
8/9/2022		7.33
1/31/2023		7.44

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	6.4	
5/18/2016	6.44	
7/7/2016	6.12	
9/8/2016	7.2	
10/19/2016	7.11	
12/7/2016	7.24	
2/2/2017	6.86	
3/27/2017	6.51	
10/5/2017	5.97	
3/15/2018	7.01	
10/4/2018	6.33	
4/9/2019	6.46	
10/1/2019	6.9	
3/31/2020	6.33	
9/24/2020	7.12	
3/9/2021	7.04	
8/10/2021	6.05	
2/7/2022		6.58
8/9/2022		6.05
1/31/2023		6.23

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	7.72	
5/18/2016	7.77	
7/7/2016	7.65	
9/8/2016	7.89	
10/19/2016	7.64	
12/7/2016	7.72	
2/2/2017	7.56	
3/27/2017	7.69	
10/5/2017	7.53	
3/15/2018	7.5	
10/4/2018	7.52	
4/9/2019	7.49	
10/1/2019	7.38	
11/6/2019	7.66	
3/31/2020	7.8	
9/23/2020	7.42	
3/9/2021	7.52	
8/10/2021	7.75	
2/7/2022		7.85
8/9/2022		7.62
1/31/2023		7.67

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	7.48	
5/19/2016	7.24	
7/7/2016	7.18	
9/8/2016	7.17	
10/19/2016	7.05	
12/7/2016	7.16	
2/3/2017	7.27	
3/27/2017	7.24	
10/5/2017	7.25	
3/15/2018	7.05	
10/5/2018	6.97	
4/8/2019	6.88	
10/1/2019	7	
3/26/2020	6.88	
9/23/2020	6.96	
3/9/2021	6.81	
8/10/2021	6.96	
2/7/2022		7.05
8/8/2022		7.04
1/31/2023		7.03

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	7.1	
5/17/2016	6.88	
7/6/2016	6.75	
9/7/2016	6.95	
10/18/2016	6.9	
12/8/2016	6.55	
2/1/2017	6.81	
3/23/2017	6.8	
10/4/2017	7.12	
3/16/2018	6.72	
10/4/2018	6.52	
4/9/2019	6.72	
10/1/2019	6.81	
3/31/2020	6.82	
9/25/2020	6.82	
3/9/2021	6.93	
8/10/2021	6.87	
2/4/2022		6.92
8/9/2022		6.89
1/31/2023		6.96

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	7.29	
5/17/2016	7.1	
7/6/2016	7	
9/7/2016	7.07	
10/18/2016	6.81	
12/8/2016	6.85	
2/1/2017	7.05	
3/23/2017	6.97	
10/4/2017	7.17	
3/16/2018	6.8	
10/4/2018	6.93	
4/8/2019	7	
10/1/2019	6.97	
3/31/2020	7.17	
6/18/2020	6.96 (R)	
9/25/2020	6.96	
3/9/2021	7.09	
8/10/2021	7.06	
2/4/2022		7.21
8/8/2022		6.9
1/31/2023		7.24

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	6.36	
5/18/2016	6.21	
7/6/2016	5.88	
9/7/2016	5.77	
10/18/2016	5.9	
12/9/2016	5.73	
2/2/2017	6.29	
3/24/2017	6.32	
10/4/2017	6.03	
3/15/2018	6.05	
10/4/2018	5.92	
4/8/2019	6.26	
10/1/2019	6.09	
3/30/2020	6.48	
6/19/2020	6.45 (R)	
9/24/2020	6.32	
3/9/2021	6.59	
8/10/2021	6.29	
2/4/2022		6.7
8/10/2022		6.25
1/31/2023		5.84

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	7.46	
5/18/2016	7.4	
7/6/2016	7.36	
9/8/2016	7.45	
10/18/2016	7.5	
12/8/2016	7.28	
2/2/2017	7.45	
3/24/2017	7.28	
10/5/2017	7.53	
3/14/2018	7.28	
10/4/2018	7.22	
4/8/2019	6.91	
6/18/2019	6.85	
6/27/2019	7.05	
10/1/2019	7.11	
3/27/2020	7.01	
6/19/2020	6.81 (R)	
9/24/2020	6.96	
3/9/2021	7.06	
8/10/2021	6.65	
2/4/2022		7.07
8/9/2022		7.08
1/31/2023		7.09

Prediction Limit

Constituent: pH (SU) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	7.2	
5/18/2016	6.96	
7/6/2016	6.89	
9/8/2016	6.93	
10/19/2016	6.84	
12/8/2016	6.54	
2/2/2017	6.72	
3/27/2017	6.56	
10/5/2017	7.03	
3/15/2018	6.66	
10/5/2018	6.41	
4/8/2019	6.72	
10/1/2019	6.77	
3/27/2020	7.11	
9/24/2020	6.75	
3/9/2021	6.92	
8/10/2021	6.91	
2/4/2022		7.1
8/9/2022		7
1/31/2023		6.74

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	4.4409	
5/17/2016	4.43	
7/5/2016	4.6	
9/7/2016	4.8	
10/18/2016	4.7	
12/6/2016	4.7	
1/31/2017	5.1	
3/23/2017	4.7	
10/4/2017	5	
3/14/2018	5.1	
10/4/2018	5.2	
4/8/2019	4.6	
9/30/2019	4.9	
3/26/2020	5	
9/23/2020	6.6	
3/8/2021	4.6	
8/9/2021	4.7	
2/4/2022		4
8/8/2022		4.1
1/30/2023		3.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	11.6823	
5/17/2016	11.4	
7/6/2016	12	
9/7/2016	13	
10/18/2016	13	
12/6/2016	12	
2/1/2017	13	
3/24/2017	12	
10/5/2017	13	
3/15/2018	12.2	
10/4/2018	15.6	
4/8/2019	13.2	
9/30/2019	11.5	
3/26/2020	10.8	
9/22/2020	9.8	
3/8/2021	11.5	
8/10/2021	11.2	
2/4/2022		10.4
8/8/2022		10.2
1/30/2023		9.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	13.0789	
5/17/2016	15.3	
7/5/2016	15	
9/7/2016	16	
10/18/2016	16	
12/7/2016	15	
1/31/2017	13	
3/23/2017	12	
10/4/2017	12	
3/14/2018	13.9	
10/4/2018	17.4	
4/8/2019	18.1	
9/30/2019	17.5	
3/26/2020	15.6	
9/21/2020	18.2	
3/9/2021	16.8	
8/9/2021	23.2	
2/4/2022		21.1
8/8/2022		23.3
1/30/2023		19.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	107.476	
5/17/2016	106	
7/5/2016	110	
9/7/2016	83	
10/18/2016	110	
12/6/2016	220	
2/1/2017	190	
3/23/2017	160	
10/4/2017	140	
3/15/2018	119	
10/4/2018	117	
4/5/2019	131	
9/30/2019	118	
3/26/2020	95.8	
9/23/2020	95.6	
3/8/2021	99.5	
8/9/2021	93.3	
2/4/2022		73.5
8/8/2022		78.9
1/30/2023		78.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	302.2975	
5/17/2016	213	
7/6/2016	280	
9/7/2016	160	
10/18/2016	120	
12/6/2016	210	
2/1/2017	200	
3/24/2017	140	
10/4/2017	140	
3/15/2018	167	
10/4/2018	209	
4/8/2019	248	
9/30/2019	117	
3/26/2020	128	
9/23/2020	123	
3/8/2021	152	
8/9/2021	106	
2/4/2022		170 (M1)
8/8/2022		116
1/30/2023		156

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	14.6529	
5/17/2016	13.3	
7/6/2016	10	
9/7/2016	10	
10/18/2016	10	
12/6/2016	11	
2/2/2017	11	
3/27/2017	33	
10/5/2017	16	
3/15/2018	33.9	
5/15/2018	29.1	
10/4/2018	29.5	
4/9/2019	21.4	
10/1/2019	13.4	
3/27/2020	10.8	
9/25/2020	11.6	
3/9/2021	14.2	
8/10/2021	14.9	
2/4/2022		14.4
8/9/2022		10.6
1/30/2023		11.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	10.1818	
5/19/2016	9.58	
7/7/2016	9.6	
9/8/2016	9.4	
10/19/2016	9.9	
12/8/2016	14	
2/2/2017	13	
3/27/2017	12	
10/5/2017	12	
3/16/2018	11.7	
10/5/2018	10.6	
4/9/2019	11.3	
10/1/2019	8.9	
3/30/2020	9.7	
9/24/2020	8.5	
3/9/2021	7.9	
8/10/2021	10.3	
2/4/2022		8.9
8/9/2022		8.6
1/31/2023		8.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	16.8473	
5/18/2016	18.4	
7/6/2016	17	
9/8/2016	16	
10/18/2016	19	
12/7/2016	13	
2/2/2017	14	
3/27/2017	18	
10/5/2017	16	
3/15/2018	14.8	
10/4/2018	15.9	
4/9/2019	16.7	
10/1/2019	14.7	
3/31/2020	17.8	
9/28/2020	15.8	
3/10/2021	18.7	
8/10/2021	17.8	
2/7/2022		16.9
8/9/2022		21.9
1/31/2023		22.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	22.9683	
5/18/2016	19.2	
7/7/2016	31	
9/8/2016	30	
10/19/2016	32	
12/7/2016	26	
2/3/2017	27	
3/27/2017	30	
10/5/2017	32	
3/16/2018	37.5	
5/15/2018	41	
10/5/2018	38.9	
12/11/2018	41.8	
4/9/2019	50.3	
6/18/2019	38.7	
6/27/2019	46	
10/1/2019	52.3	
11/6/2019	47.3	
3/31/2020	53.6	
9/23/2020	58.9	
3/10/2021	64.7	
8/10/2021	66.4	
2/7/2022		66.3
8/9/2022		66.5
1/31/2023		69.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:43 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	24.8075	
5/18/2016	26.2	
7/7/2016	31	
9/8/2016	33	
10/19/2016	31	
12/7/2016	19	
2/2/2017	52	
3/27/2017	29	
10/5/2017	33	
3/15/2018	38	
10/4/2018	19.3	
4/9/2019	19.9	
10/1/2019	46.3	
3/31/2020	29.9	
9/24/2020	37.6	
3/9/2021	41.6	
8/10/2021	23.8	
2/7/2022		25.9
8/9/2022		18.3
1/31/2023		12.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	9.1183	
5/18/2016	6.88	
7/7/2016	6.8	
9/8/2016	6.8	
10/19/2016	7.5	
12/7/2016	11	
2/2/2017	9.9	
3/27/2017	8.4	
10/5/2017	7.4	
3/15/2018	8.2	
10/4/2018	6.4	
4/9/2019	11	
10/1/2019	1.9	
3/31/2020	10.9	
9/23/2020	5	
3/9/2021	6.4	
8/10/2021	6.2	
2/7/2022		8.2
8/9/2022		6.3
1/31/2023		8.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	6.2867	
5/19/2016	5.42	
7/7/2016	5.7	
9/8/2016	5.7	
10/19/2016	5.8	
12/7/2016	5.9	
2/3/2017	38	
3/27/2017	43	
10/5/2017	8.3	
3/15/2018	14	
10/5/2018	9.3	
4/8/2019	6.2	
10/1/2019	5.8	
3/26/2020	14.5	
9/23/2020	5.3	
3/9/2021	10.2	
8/10/2021	8	
2/7/2022		13
8/8/2022		5.6
1/31/2023		19.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	76.011	
5/17/2016	76.2	
7/6/2016	74	
9/7/2016	64	
10/18/2016	65	
12/8/2016	100	
2/1/2017	150	
3/23/2017	130	
10/4/2017	71	
3/16/2018	77.4	
10/4/2018	90.3	
4/9/2019	83.6	
10/1/2019	68.1	
3/31/2020	92.6	
9/25/2020	80.7	
3/9/2021	86.9	
8/10/2021	76.1	
2/4/2022		80.1
8/9/2022		74.6
1/31/2023		90.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	87.512	
5/17/2016	101	
7/6/2016	110	
9/7/2016	97	
10/18/2016	120	
12/8/2016	100	
2/1/2017	110	
3/23/2017	110	
10/4/2017	130	
12/14/2017	130	
1/18/2018	110	
3/16/2018	93.6	
10/4/2018	137	
12/11/2018	110	
4/8/2019	131	
6/19/2019	108	
10/1/2019	71.7	
3/31/2020	106	
9/25/2020	110	
3/9/2021	105	
8/10/2021	95.9	
2/4/2022		101
8/8/2022		77.1
1/31/2023		95.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	90.229	
5/18/2016	100	
7/6/2016	130	
9/7/2016	130	
10/18/2016	140	
12/8/2016	140	
2/2/2017	71	
3/24/2017	68	
10/4/2017	120	
3/15/2018	118	
10/4/2018	167	
4/8/2019	97.1	
10/1/2019	120	
3/30/2020	64.6	
9/24/2020	120	
3/9/2021	87.4	
8/10/2021	101	
2/4/2022		78.3
8/10/2022		102
1/31/2023		118

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	26.3455	
5/19/2016	31.7	
7/6/2016	36	
9/8/2016	45	
10/18/2016	49	
12/8/2016	50	
2/2/2017	51	
3/24/2017	46	
10/5/2017	48	
3/14/2018	36.8	
10/4/2018	45.4	
4/8/2019	39.9	
10/1/2019	47.1	
3/27/2020	31.5	
9/24/2020	48.3	
3/9/2021	33.1	
8/10/2021	31.6	
2/4/2022		25.8
8/9/2022		33.3
1/31/2023		31.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	61.8335	
5/19/2016	64.3	
7/6/2016	69	
9/8/2016	68	
10/19/2016	69	
12/8/2016	69	
2/2/2017	76	
3/27/2017	68	
10/5/2017	74	
3/15/2018	57.8	
10/5/2018	81.9	
12/11/2018	73.6	
4/8/2019	73.5	
10/1/2019	72.2	
3/27/2020	54	
9/24/2020	69.9	
3/9/2021	65.1 (M1)	
8/10/2021	76.3	
2/4/2022		69.2
8/9/2022		77
1/31/2023		70

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1	GWA-1
3/22/2016	78	
5/17/2016	67	
7/5/2016	87	
9/7/2016	125	
10/18/2016	133	
12/6/2016	151	
1/31/2017	135	
3/23/2017	72	
10/4/2017	91	
3/14/2018	99	
10/4/2018	112	
4/8/2019	91	
9/30/2019	126	
3/26/2020	73	
9/23/2020	117	
3/8/2021	96	
8/9/2021	96	
2/4/2022		107
8/8/2022		99
1/30/2023		94

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-11	GWA-11
3/22/2016	112	
5/17/2016	121	
7/6/2016	98	
9/7/2016	128	
10/18/2016	115	
12/6/2016	153	
2/1/2017	183	
3/24/2017	121	
10/5/2017	113	
3/15/2018	115	
10/4/2018	135	
4/8/2019	142	
9/30/2019	134	
3/26/2020	76	
9/22/2020	107	
3/8/2021	107	
8/10/2021	107	
2/4/2022		125
8/8/2022		119
1/30/2023		130

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-2	GWA-2
3/22/2016	233	
5/17/2016	197	
7/5/2016	218	
9/7/2016	240	
10/18/2016	221	
12/7/2016	235	
1/31/2017	253	
3/23/2017	190	
10/4/2017	192	
3/14/2018	204	
10/4/2018	233	
4/8/2019	209	
9/30/2019	242	
3/26/2020	222	
9/21/2020	204	
3/9/2021	227 (D6)	
8/9/2021	245	
2/4/2022		245
8/8/2022		249
1/30/2023		263

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-3	GWA-3
3/22/2016	451	
5/17/2016	430	
7/5/2016	418	
9/7/2016	443	
10/18/2016	415	
12/6/2016	653	
2/1/2017	615	
3/23/2017	506	
10/4/2017	492	
3/15/2018	448	
10/4/2018	472	
4/5/2019	456	
9/30/2019	475	
3/26/2020	450	
9/23/2020	473	
3/8/2021	415	
8/9/2021	416	
2/4/2022		325
8/8/2022		348
1/30/2023		367

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-4	GWA-4
3/22/2016	686	
5/17/2016	533	
7/6/2016	646	
9/7/2016	493	
10/18/2016	455	
12/6/2016	597	
2/1/2017	638	
3/24/2017	579	
10/4/2017	440	
3/15/2018	381	
10/4/2018	490	
4/8/2019	522	
9/30/2019	455	
3/26/2020	466	
9/23/2020	421	
3/8/2021	460	
8/9/2021	371	
2/4/2022		496
8/8/2022		360
1/30/2023		459

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-10	GWC-10
3/23/2016	182	
5/17/2016	178	
7/6/2016	135	
9/7/2016	165	
10/18/2016	113	
12/6/2016	194	
2/2/2017	160	
3/27/2017	252	
10/5/2017	177	
3/15/2018	216	
10/4/2018	222	
4/9/2019	213	
10/1/2019	186	
3/27/2020	118	
9/25/2020	153	
3/9/2021	201	
8/10/2021	185	
2/4/2022		214
8/9/2022		170
1/30/2023		190

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-18	GWC-18
3/24/2016	205	
5/19/2016	204	
7/7/2016	181	
9/8/2016	193	
10/19/2016	231	
12/8/2016	166	
2/2/2017	191	
3/27/2017	427 (o)	
10/5/2017	207	
3/16/2018	199	
10/5/2018	235	
4/9/2019	212	
10/1/2019	196	
3/30/2020	217	
9/24/2020	181	
3/9/2021	192	
8/10/2021	224	
2/4/2022		225
8/9/2022		183
1/31/2023		284

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-19	GWC-19
3/24/2016	232	
5/18/2016	245	
7/6/2016	231	
9/8/2016	252	
10/18/2016	288	
12/7/2016	220	
2/2/2017	220	
3/27/2017	393 (o)	
10/5/2017	242	
3/15/2018	213	
10/4/2018	231	
4/9/2019	253	
10/1/2019	229	
3/31/2020	233	
9/28/2020	214	
3/10/2021	223 (D6)	
8/10/2021	209	
2/7/2022		218
8/9/2022		236
1/31/2023		239

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-20	GWC-20
3/23/2016	208	
5/18/2016	213	
7/7/2016	212	
9/8/2016	201	
10/19/2016	276	
12/7/2016	186	
2/3/2017	219	
3/27/2017	239	
10/5/2017	216	
3/16/2018	216	
10/5/2018	256	
4/9/2019	267	
10/1/2019	271	
3/31/2020	267	
9/23/2020	277	
3/10/2021	241	
8/10/2021	270	
2/7/2022		268
8/9/2022		285
1/31/2023		329

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-21	GWC-21
3/24/2016	110	
5/18/2016	153	
7/7/2016	151	
9/8/2016	285	
10/19/2016	314	
12/7/2016	252	
2/2/2017	138	
3/27/2017	88	
10/5/2017	111	
3/15/2018	219	
10/4/2018	152	
4/9/2019	167	
10/1/2019	336	
11/6/2019	336	
11/26/2019	236	
3/31/2020	111	
9/24/2020	286	
3/9/2021	243	
8/10/2021	121	
2/7/2022		161
8/9/2022		119
1/31/2023		76 (D6)

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-22	GWC-22
3/23/2016	206	
5/18/2016	212	
7/7/2016	206	
9/8/2016	214	
10/19/2016	269	
12/7/2016	199	
2/2/2017	211	
3/27/2017	324	
10/5/2017	219	
3/15/2018	190	
10/4/2018	215	
4/9/2019	222	
10/1/2019	220	
3/31/2020	195	
9/23/2020	231	
3/9/2021	178	
8/10/2021	206	
2/7/2022		207
8/9/2022		208
1/31/2023		221

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-23	GWC-23
3/23/2016	168	
5/19/2016	173	
7/7/2016	144	
9/8/2016	179	
10/19/2016	209	
12/7/2016	156	
2/3/2017	276	
3/27/2017	295	
10/5/2017	192	
3/15/2018	169	
10/5/2018	210	
4/8/2019	191	
10/1/2019	203	
3/26/2020	193	
9/23/2020	186	
3/9/2021	216	
8/10/2021	178	
2/7/2022		224
8/8/2022		176
1/31/2023		243

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-5	GWC-5
3/23/2016	379	
5/17/2016	349	
7/6/2016	346	
9/7/2016	382	
10/18/2016	461	
12/8/2016	379	
2/1/2017	511	
3/23/2017	443	
10/4/2017	359	
3/16/2018	390	
10/4/2018	385	
4/9/2019	371	
10/1/2019	380	
3/31/2020	408	
9/25/2020	367	
3/9/2021	364	
8/10/2021	363	
2/4/2022		360
8/9/2022		363
1/31/2023		385

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-6	GWC-6
3/23/2016	310	
5/17/2016	280	
7/6/2016	280	
9/7/2016	324	
10/18/2016	307	
12/8/2016	281	
2/1/2017	354	
3/23/2017	302	
10/4/2017	365	
12/14/2017	406	
1/18/2018	404	
3/16/2018	317	
10/4/2018	371	
4/8/2019	353	
10/1/2019	348	
3/31/2020	349	
9/25/2020	345	
3/9/2021	298	
8/10/2021	318	
2/4/2022		335
8/8/2022		327
1/31/2023		335

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-7	GWC-7
3/23/2016	253	
5/18/2016	276	
7/6/2016	239	
9/7/2016	247	
10/18/2016	233	
12/8/2016	373	
2/2/2017	236	
3/24/2017	291	
10/4/2017	264	
3/15/2018	254	
10/4/2018	287	
4/8/2019	295	
10/1/2019	277	
3/30/2020	216	
9/24/2020	254	
3/9/2021	299	
8/10/2021	210	
2/4/2022		310
8/10/2022		248
1/31/2023		223

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-8	GWC-8
3/23/2016	239	
5/19/2016	236	
7/6/2016	218	
9/8/2016	225	
10/18/2016	200	
12/8/2016	196	
2/2/2017	231	
3/24/2017	250	
10/5/2017	309	
12/14/2017	322	
1/18/2018	322	
3/14/2018	263	
10/4/2018	292	
4/8/2019	438	
10/1/2019	305	
3/27/2020	329	
9/24/2020	307	
3/9/2021	308	
8/10/2021	425	
2/4/2022		349
8/9/2022		310
1/31/2023		284

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:44 PM View: Appendix III
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWC-9	GWC-9
3/23/2016	204	
5/19/2016	215	
7/6/2016	204	
9/8/2016	201	
10/19/2016	272	
12/8/2016	227	
2/2/2017	209	
3/27/2017	305	
10/5/2017	204	
3/15/2018	280	
10/5/2018	236	
4/8/2019	264	
10/1/2019	237	
3/27/2020	192	
9/24/2020	179	
3/9/2021	209	
8/10/2021	208	
2/4/2022		225
8/9/2022		220
1/31/2023		216

FIGURE H.

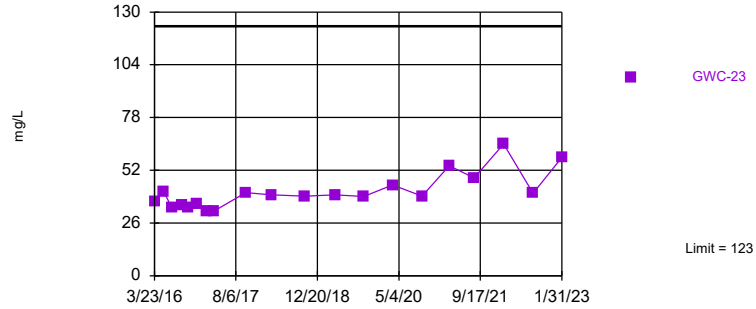
Appendix III - Interwell Prediction Limits - All Results (No Significant)

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-23	123	n/a	1/31/2023	58.3	No	100	n/a	n/a	2	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-19	302.3	n/a	1/31/2023	22.8	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-18	686	n/a	1/31/2023	284	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	686	n/a	1/31/2023	329	No	100	n/a	n/a	0	n/a	n/a	0.0001921	NP Inter (normality) 1 of 2

Within Limit

Prediction Limit
Interwell Non-parametric

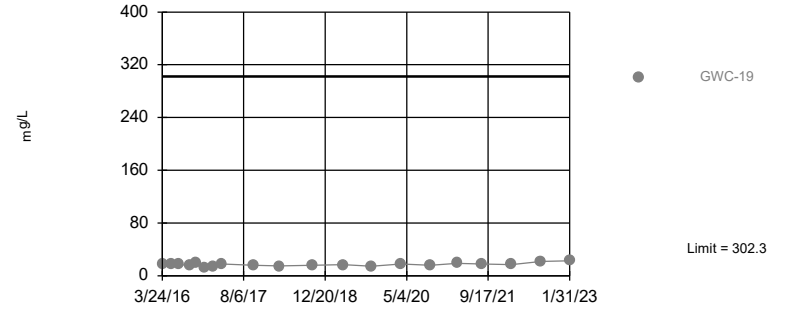


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. 2% NDs. Annual per-constituent alpha = 0.0046. Individual comparison alpha = 0.0001921 (1 of 2). Assumes 11 future values.

Constituent: Calcium Analysis Run 4/19/2023 4:47 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Within Limit

Prediction Limit
Interwell Non-parametric

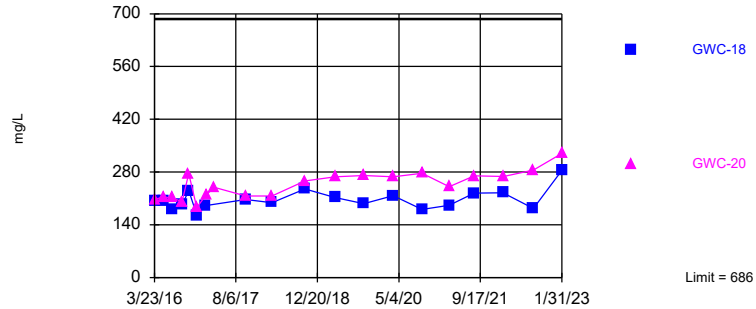


Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 100 background values. Annual per-constituent alpha = 0.0046. Individual comparison alpha = 0.0001921 (1 of 2). Assumes 11 future values.

Constituent: Sulfate Analysis Run 4/19/2023 4:47 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road 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. Annual per-constituent alpha = 0.0046. Individual comparison alpha = 0.0001921 (1 of 2). Comparing 2 points to limit. Assumes 10 future values.

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:47 PM View: Appendix III - Intrawell Exceed
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/19/2023 4:50 PM View: Appendix III - IntraWell Exceedances

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWA-4 (bg)	GWC-23
3/22/2016	13.9	79.3	47.4	23.8	123	
3/23/2016						36.4
5/17/2016	15.6	75.8	45.5	21.5	99.2	
5/19/2016						41.5
7/5/2016	15.7	65.3	40.5			
7/6/2016				20.6	109	
7/7/2016						33.5
9/7/2016	18.2	59.8	37.3	16.7	67.2	
9/8/2016						34.7
10/18/2016	17.7	72.4	46.6	20.3	77.9	
10/19/2016						33.4
12/6/2016	16.9	78.6		19.7	93.3	
12/7/2016			43.5			35.5
1/31/2017	17.9		39.2			
2/1/2017		85		18.1	92.8	
2/3/2017						31.7
3/23/2017	13.9	81.2	38.7			
3/24/2017				21.1	96.3	
3/27/2017						32
10/4/2017	15.9	78.8	36.5		75.1	
10/5/2017				20.1		41
3/14/2018	<25		39.5			
3/15/2018		83.5		<25	69.9	39.8
10/4/2018	15.9 (J)	75.2	41.7	21.3 (J)	77.8	
10/5/2018						39.3
4/5/2019		76.5				
4/8/2019	15.7		44.1	22.4	86.6	39.8
9/30/2019	17.6	74.7	44.6	19.6	78.3	
10/1/2019						39.1
3/26/2020	14	78.7	43.2	22.4	87.4	44.7
9/21/2020			45.8			
9/22/2020				19.5		
9/23/2020	17.6	76.2			74.9	39.2
3/8/2021	16.2 (M1)	73.5		22	87.2	
3/9/2021			48.7			54.3
8/9/2021	20.2	73.2	49.9		69.7	
8/10/2021				20.8		48.2
2/4/2022	18.3	59 (M1)	57.6	23.7	97.3	
2/7/2022						64.9
8/8/2022	17.2	61	51.2	21.1	68.9	40.6
1/30/2023	15.8 (M1)	53.1	46.8	20.4	73.6	
1/31/2023						58.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/19/2023 4:50 PM View: Appendix III - Intrawell Exceedances

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-4 (bg)	GWA-3 (bg)	GWA-2 (bg)	GWA-11 (bg)	GWC-19
3/22/2016	4.4409	302.2975	107.476	13.0789	11.6823	
3/24/2016						16.8473
5/17/2016	4.43	213	106	15.3	11.4	
5/18/2016						18.4
7/5/2016	4.6		110	15		
7/6/2016		280			12	17
9/7/2016	4.8	160	83	16	13	
9/8/2016						16
10/18/2016	4.7	120	110	16	13	19
12/6/2016	4.7	210	220		12	
12/7/2016				15		13
1/31/2017	5.1			13		
2/1/2017		200	190		13	
2/2/2017						14
3/23/2017	4.7		160	12		
3/24/2017		140			12	
3/27/2017						18
10/4/2017	5	140	140	12		
10/5/2017					13	16
3/14/2018	5.1			13.9		
3/15/2018		167	119		12.2	14.8
10/4/2018	5.2	209	117	17.4	15.6	15.9
4/5/2019			131			
4/8/2019	4.6	248		18.1	13.2	
4/9/2019						16.7
9/30/2019	4.9	117	118	17.5	11.5	
10/1/2019						14.7
3/26/2020	5	128	95.8	15.6	10.8	
3/31/2020						17.8
9/21/2020				18.2		
9/22/2020					9.8	
9/23/2020	6.6	123	95.6			
9/28/2020						15.8
3/8/2021	4.6	152	99.5		11.5	
3/9/2021				16.8		
3/10/2021						18.7
8/9/2021	4.7	106	93.3	23.2		
8/10/2021					11.2	17.8
2/4/2022	4	170 (M1)	73.5	21.1	10.4	
2/7/2022						16.9
8/8/2022	4.1	116	78.9	23.3	10.2	
8/9/2022						21.9
1/30/2023	3.8	156	78.4	19.8	9.5	
1/31/2023						22.8

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:50 PM View: Appendix III - Intrawell Exceedances

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-20	GWC-18
3/22/2016	78	112	451	686	233		
3/23/2016						208	
3/24/2016							205
5/17/2016	67	121	430	533	197		
5/18/2016						213	
5/19/2016							204
7/5/2016	87		418		218		
7/6/2016		98		646			
7/7/2016						212	181
9/7/2016	125	128	443	493	240		
9/8/2016						201	193
10/18/2016	133	115	415	455	221		
10/19/2016						276	231
12/6/2016	151	153	653	597			
12/7/2016					235	186	
12/8/2016							166
1/31/2017	135				253		
2/1/2017		183	615	638			
2/2/2017							191
2/3/2017						219	
3/23/2017	72		506		190		
3/24/2017		121		579			
3/27/2017						239	427 (o)
10/4/2017	91		492	440	192		
10/5/2017		113				216	207
3/14/2018	99				204		
3/15/2018		115	448	381			
3/16/2018						216	199
10/4/2018	112	135	472	490	233		
10/5/2018						256	235
4/5/2019			456				
4/8/2019	91	142		522	209		
4/9/2019						267	212
9/30/2019	126	134	475	455	242		
10/1/2019						271	196
3/26/2020	73	76	450	466	222		
3/30/2020							217
3/31/2020						267	
9/21/2020					204		
9/22/2020		107					
9/23/2020	117		473	421		277	
9/24/2020							181
3/8/2021	96	107	415	460			
3/9/2021					227 (D6)		192
3/10/2021						241	
8/9/2021	96		416	371	245		
8/10/2021		107				270	224
2/4/2022	107	125	325	496	245		225
2/7/2022						268	
8/8/2022	99	119	348	360	249		
8/9/2022						285	183
1/30/2023	94	130	367	459	263		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/19/2023 4:50 PM View: Appendix III - IntraWell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

	GWA-1 (bg)	GWA-11 (bg)	GWA-3 (bg)	GWA-4 (bg)	GWA-2 (bg)	GWC-20	GWC-18
1/31/2023						329	284

FIGURE I.

Appendix III - Trend Tests - Significant Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:54 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>
Calcium (mg/L)	GWC-23	2.525	91	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.9964	101	81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-30.51	-93	-81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	12.82	118	81	Yes	20	0	n/a	n/a	0.01	NP

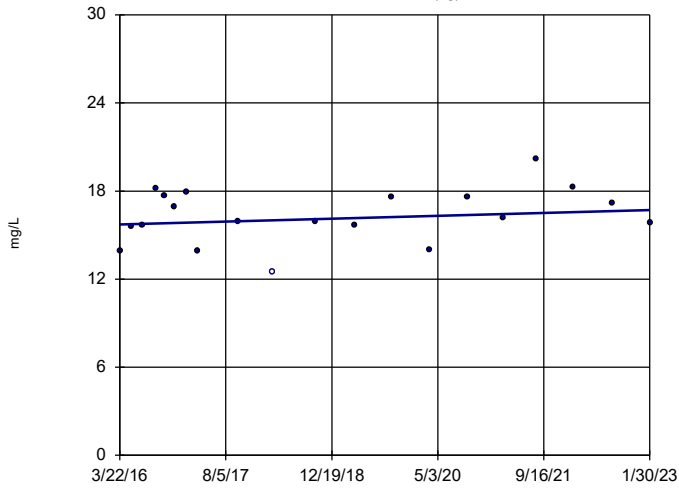
Appendix III - Trend Tests - All Results

Plant Hammond Client: Southern Company Data: Huffaker Road Landfill Printed 4/19/2023, 4:54 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>
Calcium (mg/L)	GWA-1 (bg)	0.143	36	81	No	20	5	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-11 (bg)	0.1088	14	81	No	20	5	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.331	74	81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-3 (bg)	-1.365	-62	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-4 (bg)	-3.201	-66	-81	No	20	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-23	2.525	91	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-1 (bg)	0	-7	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-11 (bg)	-0.3201	-72	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-2 (bg)	0.9964	101	81	Yes	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-3 (bg)	-6.533	-77	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-4 (bg)	-11.69	-77	-81	No	20	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-19	0.4657	38	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-1 (bg)	0.9253	11	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-11 (bg)	-0.1605	-5	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-2 (bg)	4.186	65	81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-3 (bg)	-16.09	-59	-81	No	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWA-4 (bg)	-30.51	-93	-81	Yes	20	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-18	3.363	32	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids (mg/L)	GWC-20	12.82	118	81	Yes	20	0	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-1 (bg)

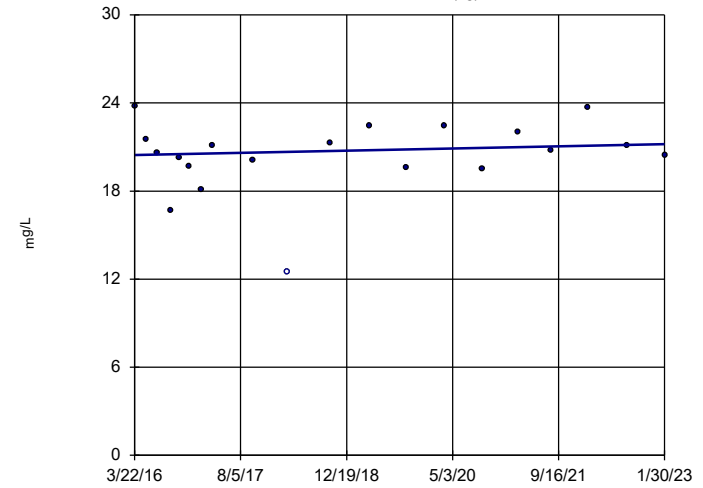


n = 20
Slope = 0.143
units per year.
Mann-Kendall
statistic = 36
critical = 81
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-11 (bg)

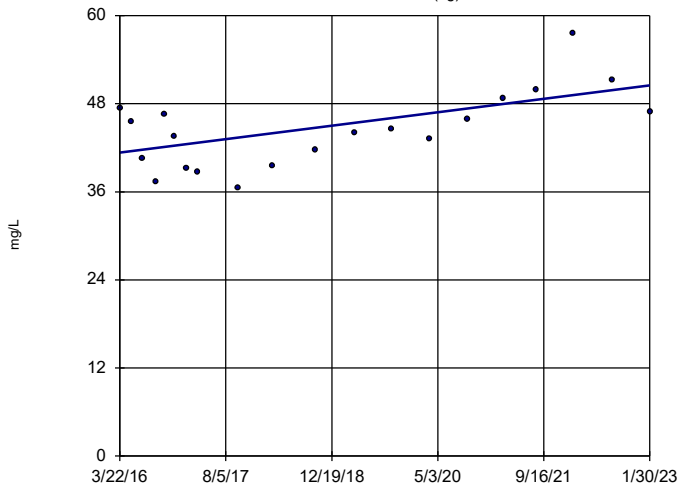


n = 20
Slope = 0.1088
units per year.
Mann-Kendall
statistic = 14
critical = 81
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-2 (bg)

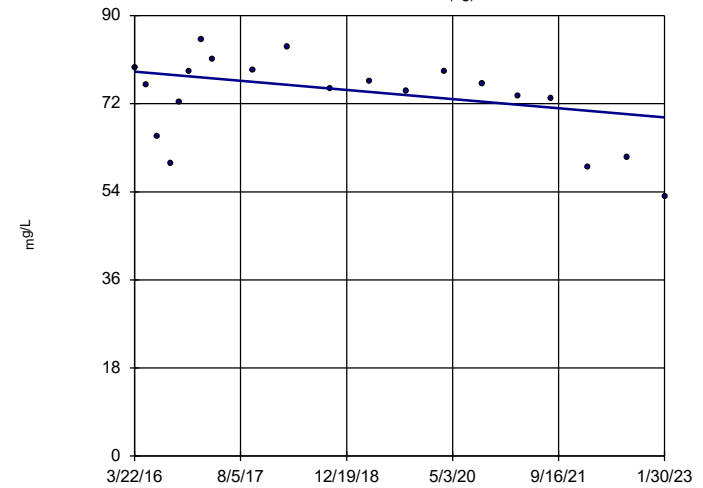


n = 20
Slope = 1.331
units per year.
Mann-Kendall
statistic = 74
critical = 81
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-3 (bg)

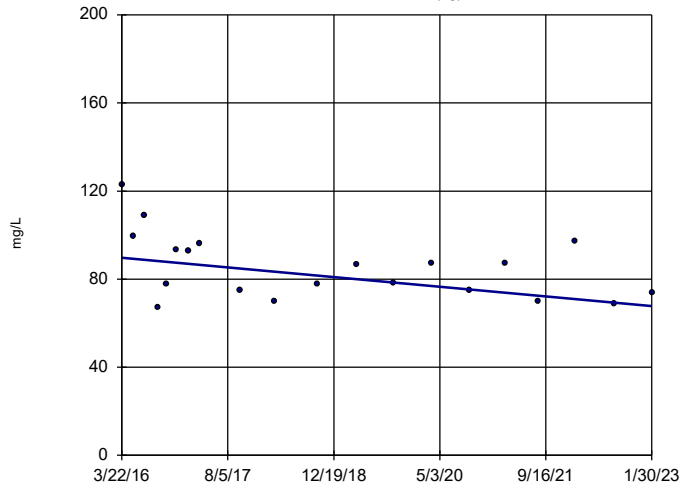


n = 20
Slope = -1.365
units per year.
Mann-Kendall
statistic = -62
critical = -81
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

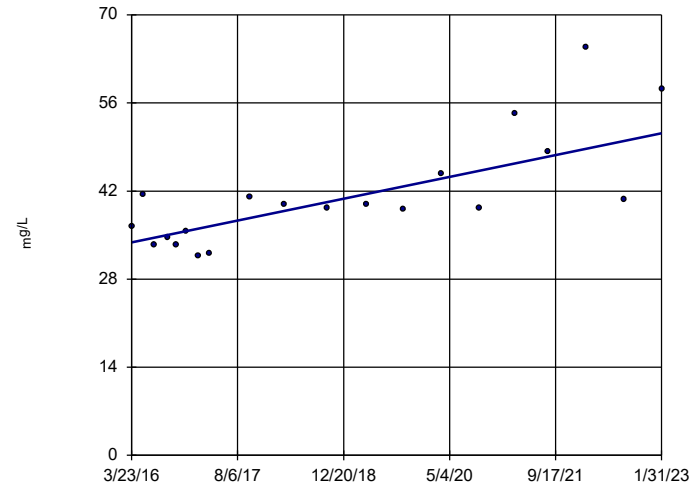


n = 20
 Slope = -3.201
 units per year.
 Mann-Kendall
 statistic = -66
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-23

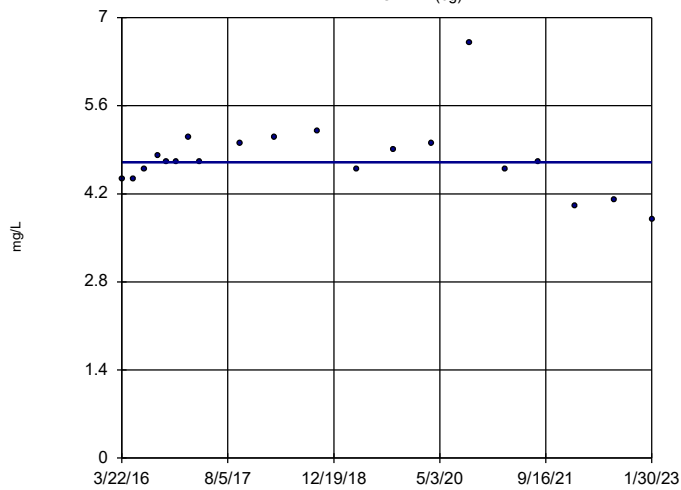


n = 20
 Slope = 2.525
 units per year.
 Mann-Kendall
 statistic = 91
 critical = 81
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Calcium Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-1 (bg)

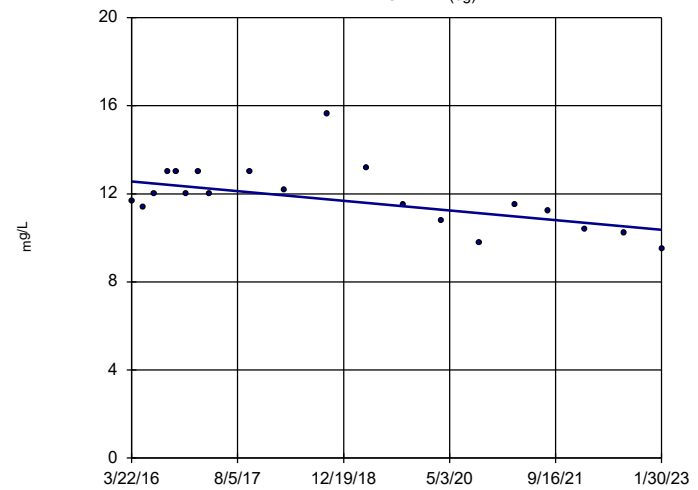


n = 20
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -7
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-11 (bg)

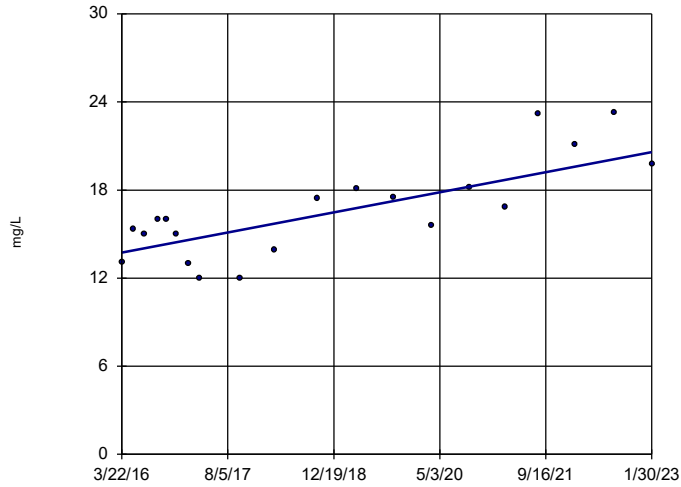


n = 20
 Slope = -0.3201
 units per year.
 Mann-Kendall
 statistic = -72
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-2 (bg)

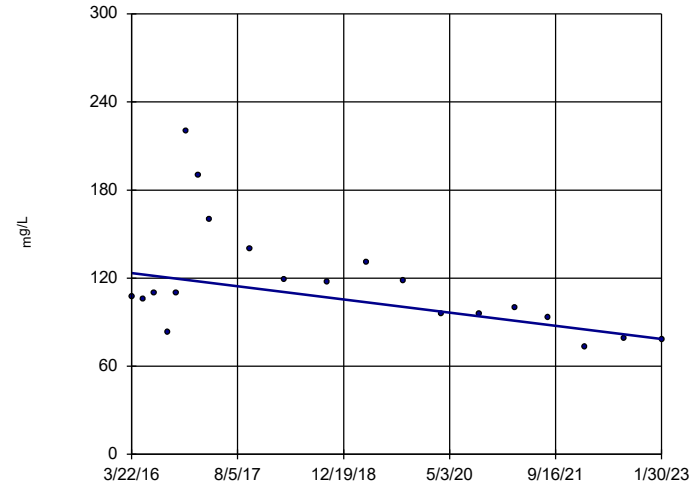


n = 20
 Slope = 0.9964
 units per year.
 Mann-Kendall
 statistic = 101
 critical = 81
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-3 (bg)

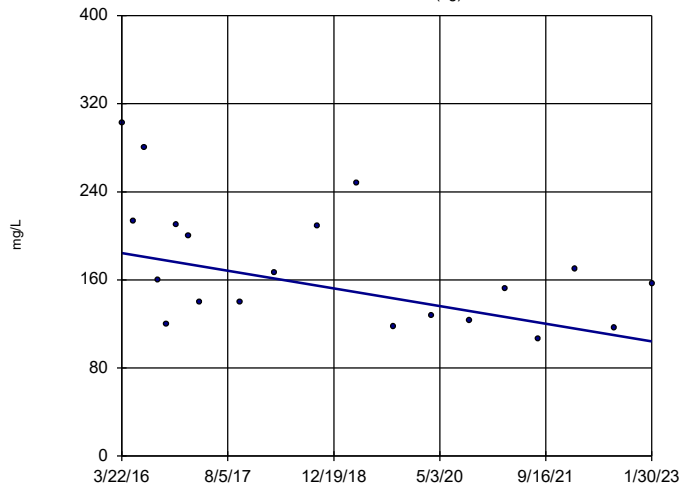


n = 20
 Slope = -6.533
 units per year.
 Mann-Kendall
 statistic = -77
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

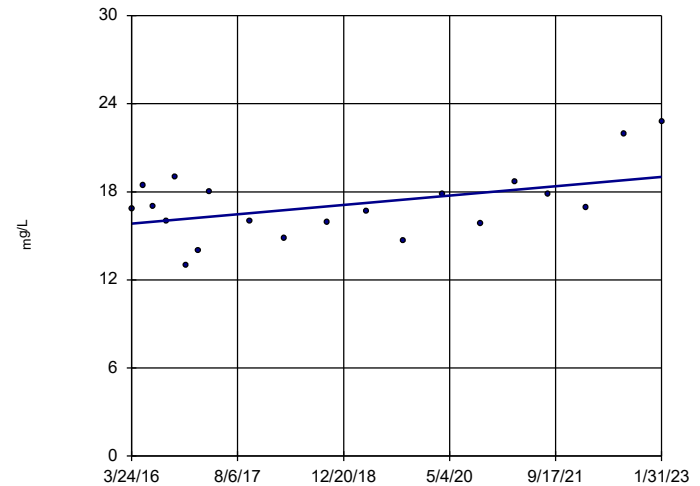


n = 20
 Slope = -11.69
 units per year.
 Mann-Kendall
 statistic = -77
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-19

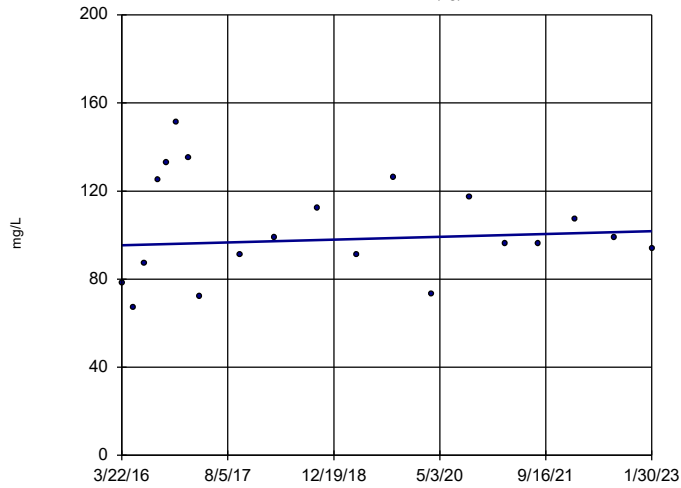


n = 20
 Slope = 0.4657
 units per year.
 Mann-Kendall
 statistic = 38
 critical = 81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Sulfate Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceedances
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

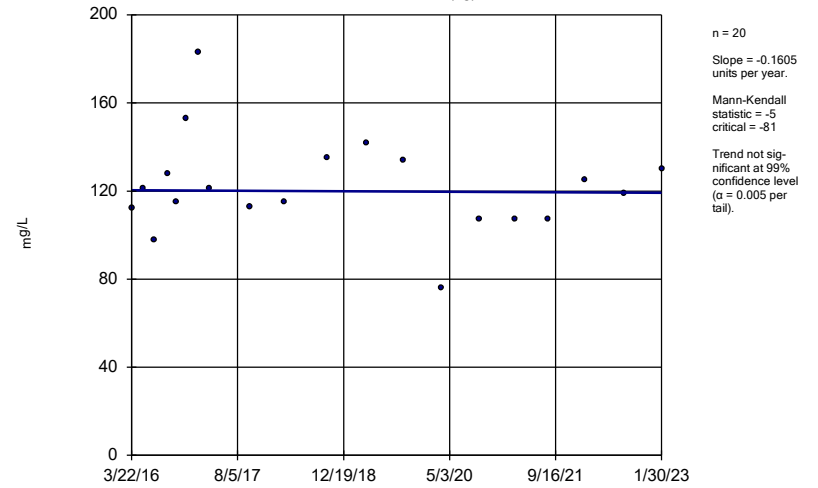
GWA-1 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

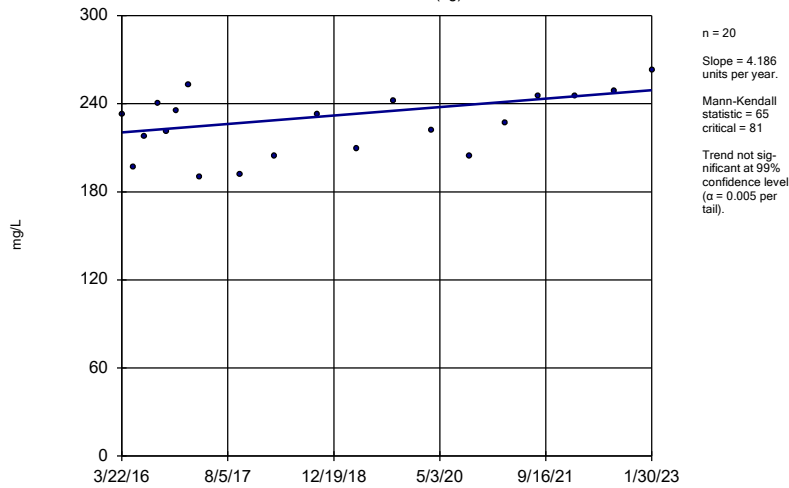
GWA-11 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

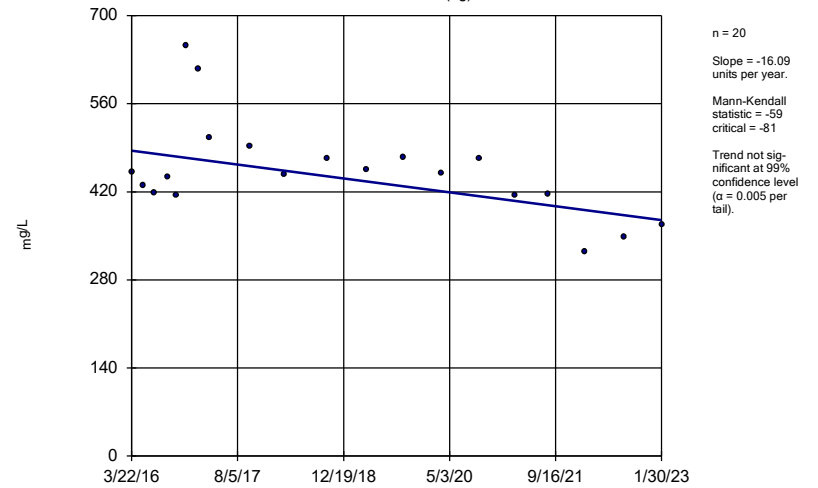
GWA-2 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

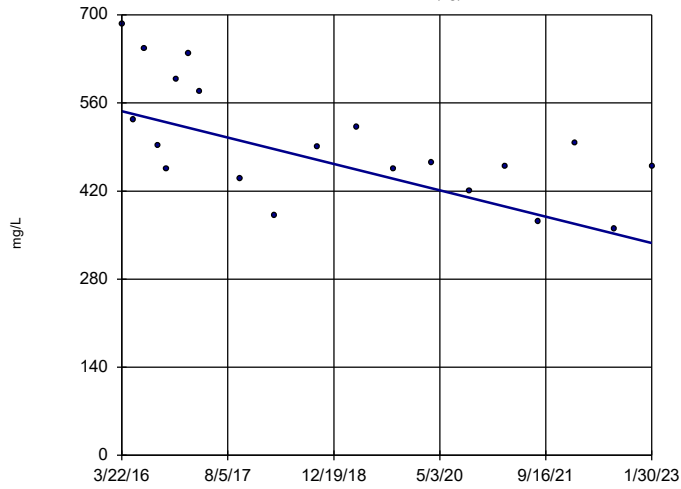
GWA-3 (bg)



Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWA-4 (bg)

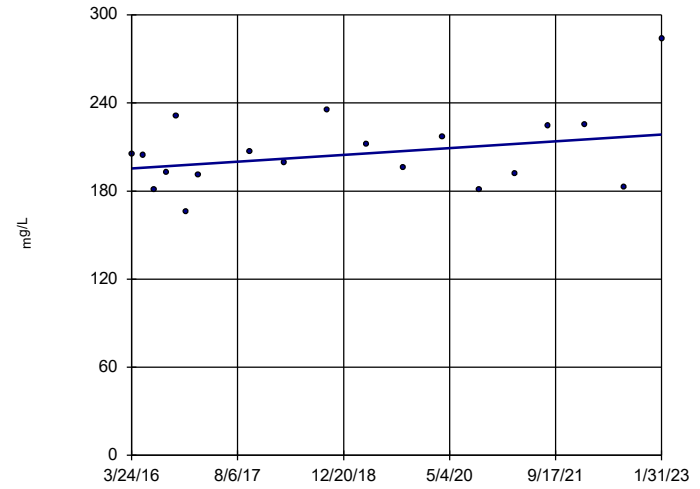


n = 20
 Slope = -30.51 units per year.
 Mann-Kendall statistic = -93
 critical = -81
 Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-18

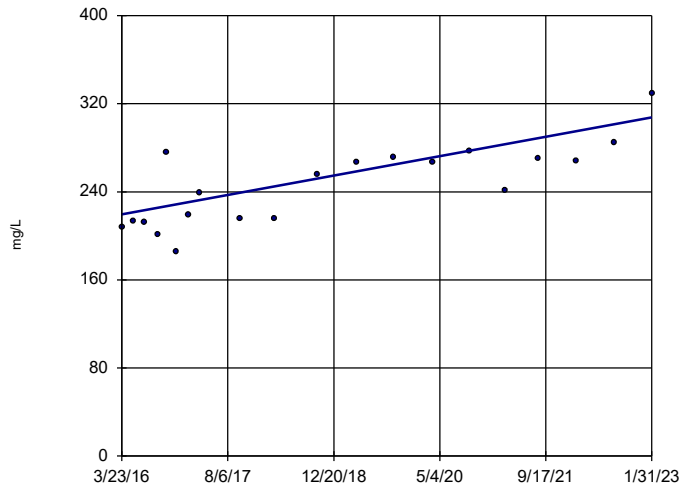


n = 19
 Slope = 3.363 units per year.
 Mann-Kendall statistic = 32
 critical = 74
 Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill

Sen's Slope Estimator

GWC-20



n = 20
 Slope = 12.82 units per year.
 Mann-Kendall statistic = 118
 critical = 81
 Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Total Dissolved Solids Analysis Run 4/19/2023 4:51 PM View: Appendix III - Intrawell Exceed
 Plant Hammond Client: Southern Company Data: Huffaker Road Landfill